

Union Calendar No. 305

117TH CONGRESS
2^D SESSION

H. R. 7900

[Report No. 117-397]

To authorize appropriations for fiscal year 2023 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 27, 2022

Mr. SMITH of Washington (by request) introduced the following bill; which was referred to the Committee on Armed Services

JULY 1, 2022

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in *italie*]

[For text of introduced bill, see copy of bill as introduced on May 27, 2022]

A BILL

To authorize appropriations for fiscal year 2023 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
 2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 *This Act may be cited as the “National Defense Au-*
 5 *thorization Act for Fiscal Year 2023”.*

6 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**
 7 **CONTENTS.**

8 *(a) DIVISIONS.—This Act is organized into five divi-*
 9 *sions as follows:*

10 *(1) Division A—Department of Defense Author-*
 11 *izations.*

12 *(2) Division B—Military Construction Author-*
 13 *izations.*

14 *(3) Division C—Department of Energy National*
 15 *Security Authorizations and Other Authorizations.*

16 *(4) Division D—Funding Tables.*

17 *(5) Division E—Non-Department of Defense*
 18 *Matters*

19 *(b) TABLE OF CONTENTS.—The table of contents for*
 20 *this Act is as follows:*

Sec. 1. Short title.

Sec. 2. Organization of Act into divisions; table of contents.

Sec. 3. Congressional defense committees.

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

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Subtitle A—Authorization of Appropriations

Sec. 101. Authorization of appropriations.

Subtitle B—Navy Programs

- Sec. 111. Requirements relating to EA-18G aircraft of the Navy.*
Sec. 112. Multiyear procurement authority for Arleigh Burke class destroyers.
Sec. 113. Authority for procurement of additional Arleigh Burke class destroyer.
Sec. 114. Authority for certain procurements for the Ship-to-Shore Connector program.
Sec. 115. Authority to procure airframes and engines for CH-53K King Stallion heavy-lift helicopters.
Sec. 116. Prohibition on availability of funds for retirement of HSC-85 aircraft.
Sec. 117. Quarterly briefings on the CH-53K King Stallion helicopter program.

Subtitle C—Air Force Programs

- Sec. 121. Modification of inventory requirements for aircraft of the combat air forces.*
Sec. 122. Modification of minimum inventory requirement for air refueling tanker aircraft.
Sec. 123. Requirements relating to F-22 aircraft.
Sec. 124. Modification of inventory requirements and limitations relating to certain air refueling tanker aircraft.
Sec. 125. Repeal of Air Force E-8C force presentation requirement.
Sec. 126. Minimum inventory of C-130 aircraft.
Sec. 127. Authority to procure upgraded ejection seats for certain T-38A aircraft.
Sec. 128. Prohibition on availability of funds for retirement of C-40 aircraft.
Sec. 129. Prohibition on availability of funds for procurement of bridge tanker aircraft.
Sec. 130. Prohibition on availability of funds for termination of production lines for HH-60W aircraft.
Sec. 131. Prohibition on certain reductions to B-1 bomber aircraft squadrons.
Sec. 132. Limitation on retirement of E-3 Airborne Warning and Control System aircraft.
Sec. 133. Requirements study and acquisition strategy for the combat search and rescue mission of the Air Force.
Sec. 134. Plan for transfer of KC-135 aircraft to the Air National Guard.
Sec. 135. Annual report on T-7A Advanced Pilot Training System.
Sec. 136. Report on F-22 aircraft force laydown.

Subtitle D—Defense-wide, Joint, and Multiservice Matters

- Sec. 141. Charging stations at commissary stores and military exchanges.*
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Sec. 143. Assessment and report on military rotary wing aircraft industrial base.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION*Subtitle A—Authorization of Appropriations*

- Sec. 201. Authorization of appropriations.*

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- Sec. 211. Clarification of role of senior official with principal responsibility for artificial intelligence and machine learning.*
Sec. 212. Role of the Chief Digital and Artificial Intelligence Officer in fostering interoperability among joint force systems.

- Sec. 213. Modification of defense laboratory modernization pilot program.*
- Sec. 214. Support for research and development of bioindustrial manufacturing processes.*
- Sec. 215. Activities to support the use of metal additive manufacturing for the subsurface fleet of the Navy.*
- Sec. 216. Digital mission operations platform for the Space Force.*
- Sec. 217. Air-breathing test capacity upgrade to support critical hypersonic weapons development.*
- Sec. 218. Information on use of commercial software for the warfighter machine interface of the Army.*
- Sec. 219. Measures to increase the capacity of historically Black colleges and universities and other minority-serving institutions to achieve very high research activity status.*
- Sec. 220. Pilot program to support the development of patentable inventions in the Department of the Navy.*
- Sec. 221. Pilot program to facilitate the research, development, and production of advanced battery technologies for warfighters.*
- Sec. 222. Pilot program on research and development of plant-based protein for the Navy.*

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- Sec. 231. Modification of national security strategy for national technology and industrial base.*
- Sec. 232. Defense Advanced Research Projects Agency Innovation Fellowship Program.*
- Sec. 233. Report on efforts to increase the participation of historically Black colleges and universities and other minority-serving institutions in the research and development activities of the Department of Defense.*
- Sec. 234. Assessment of test infrastructure and priorities related to hypersonic capabilities and related technologies and hypersonic test strategy.*
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- Sec. 312. Amendment to budgeting of Department of Defense relating to extreme weather.*
- Sec. 313. Prototype and demonstration projects for energy resilience at certain military installations.*
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- Sec. 332. Activities prior to decommissioning of Red Hill Bulk Storage Facility.*
- Sec. 333. Limitation on use of funds pending award of certain projects and implementation of certain recommendations.*
- Sec. 334. Placement of sentinel or monitoring wells in proximity to Red Hill Bulk Fuel Facility.*
- Sec. 335. Report on Department of Defense efforts to track health implications of fuel leaks at Red Hill Bulk Fuel Facility.*
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- Sec. 342. Modification to restriction on Department of Defense procurement of certain items containing perfluorooctane sulfonate or perfluorooctanoic acid.*
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- Sec. 367. Clarification of calculation for certain workload carryover of Department of Army.*

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- Sec. 371. Annual reports by Deputy Secretary of Defense on activities of Joint Safety Council.*
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- Sec. 505. Clarification of grade of Surgeon General of the Navy.*
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- Sec. 507. Survey of chaplains.*
- Sec. 508. Independent review of Army officer performance evaluations.*

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- Sec. 511. Grades of certain chiefs of reserve components.*
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- Sec. 514. Financial assistance program for specially selected members: Army Reserve and Army National Guard.*
- Sec. 515. Inspections of National Guard.*
- Sec. 516. Requirement of consent of the chief executive officer for certain full-time National Guard duty performed in a State, Territory, or the District of Columbia.*
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- Sec. 535. Financial assistance for victims of offenses under the Uniform Code of Military Justice.*
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- Sec. 537. Prohibition on sharing of information on domestic violence incidents.*
- Sec. 538. Mandatory notification of members of the Armed Forces identified in certain records of criminal investigations.*
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- Sec. 575. Advisory panel on community support for military families with special needs.*
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- Sec. 1046. Repository of local nationals working for or on behalf of Federal Government in theater of combat operations.*
- Sec. 1047. Transfers and pay of nonappropriated fund employees.*
- Sec. 1048. Establishment of joint training pipeline between United States Navy and Royal Australian Navy.*
- Sec. 1049. Inspector General oversight of Department of Defense activities in response to Russia's further invasion of Ukraine.*
- Sec. 1050. Consultation of congressional defense committees in preparation of national defense strategy.*

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- Sec. 1061. Briefing on Global Force Management Allocation Plan.*
- Sec. 1062. Extension and modification of reporting requirement regarding enhancement of information sharing and coordination of military training between Department of Homeland Security and Department of Defense.*

- Sec. 1063. Continuation of requirement for annual report on National Guard and reserve component equipment.*
- Sec. 1064. Combatant command risk assessment for airborne intelligence, surveillance, and reconnaissance.*
- Sec. 1065. Reports on effects of strategic competitor naval facilities in Africa.*
- Sec. 1066. Annual reports on safety upgrades to the high mobility multipurpose wheeled vehicle fleets.*
- Sec. 1067. Quarterly reports on Operation Spartan Shield.*
- Sec. 1068. Congressional notification of military information support operations in the information environment.*
- Sec. 1069. Department of Defense delays in providing comments on Government Accountability Office reports.*
- Sec. 1070. Reports on hostilities involving United States Armed Forces.*
- Sec. 1071. Annual report on civilian casualties in connection with United States military operations.*
- Sec. 1072. Justification for transfer or elimination of flying missions.*
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- Sec. 1081. Technical and conforming amendments.*
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- Sec. 1084. Commission on Civilian Harm.*
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- Sec. 1089. Sense of Congress regarding the service and crew of the USS Oklahoma City.*
- Sec. 1090. Target date for deployment of 5G wireless broadband infrastructure at all military installations.*
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- Sec. 1092. Sense of Congress regarding conduct of international naval review on July 4, 2026.*
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Sec. 1101. One-year extension of authority to waive annual limitation on premium pay and aggregate limitation on pay for Federal civilian employees working overseas.

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Sec. 1103. Standardized credentials for law enforcement officers of the Department of Defense.

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Sec. 1205. Public report on military capabilities of China, Iran, North Korea, and Russia.

Sec. 1206. Security cooperation programs with foreign partners to advance women, peace, and security.

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Sec. 1211. Extension and modification of the Afghan Special Immigrant Visa Program.

Sec. 1212. Additional matters for inclusion in reports on oversight in Afghanistan.

Sec. 1213. Prohibition on transporting currency to the Taliban and the Islamic Emirate of Afghanistan.

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Sec. 1222. Extension and modification of authority to provide assistance to counter the Islamic State of Iraq and Syria.

Sec. 1223. Extension of authority to support operations and activities of the Office of Security Cooperation in Iraq.

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TITLE XIII—OTHER MATTERS RELATING TO FOREIGN NATIONS*Subtitle A—Matters Relating to the Indo-Pacific Region*

- Sec. 1301. Modification to annual report on military and security developments involving the People's Republic of China.*
- Sec. 1302. Sense of Congress on South Korea.*
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- Sec. 1305. Modification to report on resourcing United States defense requirements for the Indo-Pacific region and report on enhancing defense cooperation with allies and partners in the Indo-Pacific.*
- Sec. 1306. Report on support and sustainment for critical capabilities in the area of responsibility of the United States Indo-Pacific Command necessary to meet operational requirements in certain conflicts with strategic competitors.*
- Sec. 1307. Modification to Pacific Deterrence Initiative.*
- Sec. 1308. Seize the Initiative.*
- Sec. 1309. Modification to China military power report.*
- Sec. 1310. Modifications to public reporting of Chinese military companies operating in the United States.*
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- Sec. 1312. Sense of Congress on inviting Taiwan to the Rim of the Pacific exercise.*
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Subtitle B—Other Matters Relating to Foreign Nations

- Sec. 1331. Support of special operations for irregular warfare.*
- Sec. 1332. Permanent extension of authority for certain payments to redress injury and loss.*
- Sec. 1333. Extension of United States-Israel cooperation to counter unmanned aerial systems.*
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Sec. 1404. Defense Inspector General.
Sec. 1405. Defense health program.

Subtitle B—Other Matters

Sec. 1411. Authority for transfer of funds to joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund for Captain James A. Lovell Health Care Center, Illinois.
Sec. 1412. Authorization of appropriations for Armed Forces Retirement Home.
Sec. 1413. Study and pilot program on semiconductors and the National Defense Stockpile.
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Sec. 1421. Authority to acquire materials for National Defense Stockpile to address shortfalls.
Sec. 1422. Report on modifications to the national technology and industrial base.

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Sec. 1502. Modification of office of primary responsibility for strategic cybersecurity program.
Sec. 1503. Establishment of cyber operations designator and rating for the Navy.
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Sec. 1505. Department of defense enterprise-wide procurement of cyber data products and services.
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Sec. 1511. Military operations in information environment: authority and notifications.
Sec. 1512. Limitation on availability of certain funds until submission of joint lexicon for terms related to information operations.
Sec. 1513. Joint information operations course.
Sec. 1514. Consistency in delegation of certain authorities relating to information operations.
Sec. 1515. Assessment and optimization of Department of Defense information operations within the cyber domain.

Subtitle C—Reports and Other Matters

- Sec. 1531. Annual reports on support by military departments for cyberspace operations.*
- Sec. 1532. Independent review of posture and staffing levels of Office of the Chief Information Officer.*
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TITLE XVI—SPACE ACTIVITIES, STRATEGIC PROGRAMS, AND INTELLIGENCE MATTERS*Subtitle A—Space Activities*

- Sec. 1601. Requirements for protection of satellites.*
- Sec. 1602. Strategy on protection of satellites.*
- Sec. 1603. National Security Space Launch program.*
- Sec. 1604. Responsive space strategy, principles, model architecture, and implementation plans.*
- Sec. 1605. Responsive space demonstrations.*
- Sec. 1606. Allied responsive space capabilities.*
- Sec. 1607. Report on tactically responsive space capabilities.*
- Sec. 1608. Sense of Congress on Range of the Future and support to commercial space launch activity.*

Subtitle B—Defense Intelligence and Intelligence-Related Activities

- Sec. 1621. Congressional oversight of clandestine activities that support operational preparation of the environment.*
- Sec. 1622. Executive agent for explosive ordnance intelligence.*
- Sec. 1623. Information on cover and cover support activities.*

Subtitle C—Nuclear Forces

- Sec. 1631. Improvements to Nuclear Weapons Council.*
- Sec. 1632. Portfolio management framework for nuclear forces.*
- Sec. 1633. Modification of Annual Assessment of Cyber Resilience of Nuclear Command and Control System.*
- Sec. 1634. Nuclear-capable sea-launched cruise missile.*
- Sec. 1635. Limitation on availability of certain funds until submission of information relating to proposed budget for nuclear-armed sea-launched cruise missile.*
- Sec. 1636. Prohibition on reduction of the intercontinental ballistic missiles of the United States.*

Subtitle D—Missile Defense Programs

- Sec. 1641. Repeal of requirement to transition ballistic missile defense programs to the military departments.*
- Sec. 1642. Fire control architectures.*
- Sec. 1643. Limitation on availability of certain funds until required acquisition authority designation relating to capability to defend the homeland from cruise missiles.*
- Sec. 1644. Limitation on availability of funds until submission of report on layered defense for the homeland.*
- Sec. 1645. Middle East integrated air and missile defense.*

- Sec. 1646. Strategy to use asymmetric capabilities to defeat hypersonic missile threats.*
- Sec. 1647. Report on integrated air and missile defense sensor of United States Indo-Pacific Command.*
- Sec. 1648. Risk reduction in procurement of Guam missile defense system.*
- Sec. 1649. Plan on delivering Shared Early Warning System data to certain allies and partners of the United States.*
- Sec. 1650. Reports on ground-based interceptors.*
- Sec. 1651. Report on missile defense interceptor site in contiguous United States.*

Subtitle E—Other Matters

- Sec. 1661. Cooperative threat reduction funds.*
- Sec. 1662. Study of weapons programs that allow the Armed Forces to address hard and deeply buried targets.*

TITLE XVII—MUNITIONS REPLENISHMENT AND FUTURE PROCUREMENT

- Sec. 1701. Modification to Special Defense Acquisition Fund.*
- Sec. 1702. Development of technologies with respect to critical, preferred, and precision-guided conventional munitions.*
- Sec. 1703. Sense of Congress and quarterly briefings on replenishment and revitalization of stocks of tactical missiles provided to Ukraine.*
- Sec. 1704. Assessment of acquisition objectives for Patriot air and missile defense battalions.*
- Sec. 1705. Federally funded research and development center analysis of Department of Defense capability and capacity to replenish missile and munition inventories.*
- Sec. 1706. Out-Year Unconstrained Total Munitions Requirement, Out-Year inventory numbers, and critical munitions reserve.*
- Sec. 1707. Identification of subcontractors for critical munitions contracts.*
- Sec. 1708. Study on stockpiles and production of critical guided munitions.*

DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

- Sec. 2001. Short title.*
- Sec. 2002. Expiration of authorizations and amounts required to be specified by law.*
- Sec. 2003. Effective date and automatic execution of conforming changes to tables of sections, tables of contents, and similar tabular entries.*

TITLE XXI—ARMY MILITARY CONSTRUCTION

- Sec. 2101. Authorized Army construction and land acquisition projects.*
- Sec. 2102. Family housing.*
- Sec. 2103. Authorization of appropriations, Army.*
- Sec. 2104. Demolition of District of Columbia Fort McNair Quarters 4, 13, and 15.*
- Sec. 2105. Modification of authority to carry out certain fiscal year 2019 project.*
- Sec. 2106. Extension of authority to carry out certain fiscal year 2018 projects.*
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TITLE XXII—NAVY MILITARY CONSTRUCTION

- Sec. 2201. Authorized Navy construction and land acquisition projects.*

- Sec. 2202. Family housing.*
Sec. 2203. Authorization of appropriations, Navy.
Sec. 2204. Extension of authority to carry out certain fiscal year 2018 project.
Sec. 2205. Transfer of customers from electrical utility system of the Navy at former Naval Air Station Barber's Point, Hawaii, to new electrical system in Kalaeloa, Hawaii.

TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION

- Sec. 2301. Authorized Air Force construction and land acquisition projects.*
Sec. 2302. Family housing and improvements to military family housing units.
Sec. 2303. Authorization of appropriations, Air Force.
Sec. 2304. Extension of authority to carry out certain fiscal year 2018 projects.
Sec. 2305. Modification of authority to carry out certain fiscal year 2021 project.
Sec. 2306. Modification of authority to carry out certain military construction projects at Tyndall Air Force Base, Florida.

TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION

- Sec. 2401. Authorized Defense Agencies construction and land acquisition projects.*
Sec. 2402. Authorized Energy Resilience and Conservation Investment Program projects.
Sec. 2403. Authorization of appropriations, Defense Agencies.
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TITLE XXV—INTERNATIONAL PROGRAMS

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- Sec. 2501. Authorized NATO construction and land acquisition projects.*
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- Sec. 2511. Republic of Korea funded construction projects.*
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TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES

- Sec. 2601. Authorized Army National Guard construction and land acquisition projects.*
Sec. 2602. Authorized Army Reserve construction and land acquisition projects.
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Sec. 2604. Authorized Air Force Reserve construction and land acquisition projects.
Sec. 2605. Authorization of appropriations, National Guard and Reserve.
Sec. 2606. Corrections to authority to carry out certain fiscal year 2022 projects.
Sec. 2607. Extension of authority to carry out certain fiscal year 2018 projects.

TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES

- Sec. 2701. Authorization of appropriations for base realignment and closure activities funded through Department of Defense Base Closure Account.*
Sec. 2702. Authorization to fund certain demolition and removal activities through Department of Defense Base Closure Account.

TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS

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- Sec. 2801. Modification of annual locality adjustment of dollar thresholds applicable to unspecified minor military construction authorities.*
- Sec. 2802. Military construction projects for innovation, research, development, test, and evaluation.*
- Sec. 2803. Further clarification of requirements related to authorized cost and scope of work variations.*
- Sec. 2804. Use of operation and maintenance funds for certain construction projects outside the United States.*
- Sec. 2805. Increase in maximum approved cost of unspecified minor military construction projects.*
- Sec. 2806. Increase in unspecified minor military construction authority for laboratory revitalization projects.*
- Sec. 2807. Permanent application of dollar limits for location and application to projects outside the United States.*
- Sec. 2808. Prohibition on availability of funds for special operations forces military construction.*
- Sec. 2809. Requirements relating to certain military construction projects.*

Subtitle B—Continuation of Military Housing Reforms

- Sec. 2811. Standardization of military installation Housing Requirements and Market Analyses.*
- Sec. 2812. Notice requirement for MHPI ground lease extensions.*
- Sec. 2813. Annual briefings on military housing privatization projects.*
- Sec. 2814. Privatization of Navy and Air Force transient housing.*
- Sec. 2815. Military housing feedback tool.*

Subtitle C—Real Property and Facilities Administration

- Sec. 2821. Authorized land and facilities transfer to support contracts with Federally Funded Research and Development Centers.*
- Sec. 2822. Restoration or replacement of damaged, destroyed, or economically unrepairable facilities.*
- Sec. 2823. Defense access road program enhancements to address transportation infrastructure in vicinity of military installations.*

Subtitle D—Military Facilities Master Plan Requirements

- Sec. 2831. Limitation on use of funds pending completion of military installation resilience component of master plans for at-risk major military installations.*

Subtitle E—Matters Related to Unified Facilities Criteria and Military Construction Planning and Design

- Sec. 2841. Consideration of installation of integrated solar roofing to improve energy resiliency of military installations.*

Subtitle F—Land Conveyances

- Sec. 2851. Extension of time frame for land conveyance, Sharpe Army Depot, Lathrop, California.*
- Sec. 2852. Authority for transfer of administrative jurisdiction, Castner Range, Fort Bliss, Texas.*

- Sec. 2853. Conveyance, Joint Base Charleston, South Carolina.*
Sec. 2854. Land conveyance, Naval Air Station Oceana, Dam Neck Annex, Virginia Beach, Virginia.
Sec. 2855. Land exchange, Marine Reserve Training Center, Omaha, Nebraska.

Subtitle G—Miscellaneous Studies and Reports

- Sec. 2861. FFRDC study on practices with respect to development of military construction projects.*

Subtitle H—Other Matters

- Sec. 2871. Defense community infrastructure program.*
Sec. 2872. Inclusion in Defense Community Infrastructure Pilot Program of certain projects for ROTC training.
Sec. 2873. Basing decision scorecard consistency and transparency.
Sec. 2874. Lease or use agreement for category 3 subterranean training facility.
Sec. 2875. Required consultation with State and local entities on issues related to increase in number of military personnel at military installations.
Sec. 2876. Required investments in improving child development centers.
Sec. 2877. Limitation on use of funds for closure of combat readiness training centers.
Sec. 2878. Pilot program on use of mass timber in military construction projects.
Sec. 2879. Contributions for climate resilience for North Atlantic Treaty Organizations Security Investment.
Sec. 2880. Screening and registry of individuals with health conditions resulting from unsafe housing units.
Sec. 2881. Recognition of Memorial, Memorial Garden, and K9 Memorial of the National Navy UDT-SEAL Museum in Fort Pierce, Florida, as a national memorial, memorial garden, and K9 memorial, respectively, of Navy SEALs and their predecessors.

TITLE XXIX—SCIENCE AND TECHNOLOGY MILITARY CONSTRUCTION

- Sec. 2901. Authorized Army construction and land acquisition projects.*
Sec. 2902. Authorized Navy construction and land acquisition project.
Sec. 2903. Authorized Air Force construction and land acquisition projects.
Sec. 2904. Authorization of appropriations.

**DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY
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**TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY
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Subtitle A—National Security Programs and Authorizations

- Sec. 3101. National Nuclear Security Administration.*
Sec. 3102. Defense environmental cleanup.
Sec. 3103. Other defense activities.
Sec. 3104. Nuclear energy.

*Subtitle B—Program Authorizations, Restrictions, Limitations, and Other
Matters*

- Sec. 3111. Plutonium pit production capacity.*
Sec. 3112. Nuclear warhead acquisition process.

- Sec. 3113. Authorized personnel levels of the Office of the Administrator.*
Sec. 3114. Modification to certain reporting requirements.
Sec. 3115. Modifications to long-term plan for meeting national security requirements for unencumbered uranium.
Sec. 3116. Modification of minor construction threshold for plant projects.
Sec. 3117. Prohibition on availability of funds to reconvert or retire W76-2 warheads.
Sec. 3118. Comptroller General study on National Nuclear Security Administration management and operation contracting process.

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

- Sec. 3201. Authorization.*
Sec. 3202. Continuation of functions and powers during loss of quorum.

TITLE XXXIV—NAVAL PETROLEUM RESERVES

- Sec. 3401. Authorization of appropriations.*

TITLE XXXV—MARITIME SECURITY

Subtitle A—Maritime Administration

- Sec. 3501. Authorization of the Maritime Administration.*
Sec. 3502. Secretary of Transportation responsibility with respect to cargoes procured, furnished, or financed by other Federal departments and agencies.
Sec. 3503. United States marine highway program.
Sec. 3504. Multistate, State, and regional transportation planning.

Subtitle B—Merchant Marine Academy

- Sec. 3511. Appointment of Superintendent of United States Merchant Marine Academy.*
Sec. 3512. Exemption of certain students from requirement to obtain merchant mariner license.
Sec. 3513. Protection of cadets from sexual assault onboard vessels.
Sec. 3514. Requirements relating to training of Merchant Marine Academy cadets on certain vessels.
Sec. 3515. Reports on matters relating to the United States Merchant Marine Academy.

Subtitle C—Vessels

- Sec. 3521. Waiver of navigation and vessel-inspection laws.*
Sec. 3522. Certificates of numbers for undocumented vessels.
Sec. 3523. Recapitalization of National Defense Reserve Fleet.
Sec. 3524. Cargoes procured, furnished, or financed by the United States Government.

Subtitle D—Reports and Other Matters

- Sec. 3532. National maritime transportation report and strategy.*

DIVISION D—FUNDING TABLES

- Sec. 4001. Authorization of amounts in funding tables.*

TITLE XLI—PROCUREMENT

Sec. 4101. Procurement.

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Sec. 4201. Research, development, test, and evaluation.

TITLE XLIII—OPERATION AND MAINTENANCE

Sec. 4301. Operation and maintenance.

TITLE XLIV—MILITARY PERSONNEL

Sec. 4401. Military personnel.

TITLE XLV—OTHER AUTHORIZATIONS

Sec. 4501. Other authorizations.

TITLE XLVI—MILITARY CONSTRUCTION

Sec. 4601. Military construction.

TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

Sec. 4701. Department of Energy National Security Programs.

*DIVISION E—NON-DEPARTMENT OF DEFENSE MATTERS**TITLE LI—VETERANS AFFAIRS MATTERS*

Sec. 5101. Maximum rate of interest on debts incurred before military service applicable to military dependents.

Sec. 5102. Report on handling of certain records of the Department of Veterans Affairs.

TITLE LII—HOMELAND SECURITY MATTERS

Sec. 5201. Chemical Security Analysis Center.

Sec. 5202. National Cybersecurity Preparedness Consortium.

Sec. 5203. Report on cybersecurity roles and responsibilities of the Department of Homeland Security.

Sec. 5204. Exemption of certain Homeland Security fees for certain immediate relatives of an individual who received the Purple Heart.

Sec. 5205. Clarifications regarding scope of employment and reemployment rights of members of the uniformed services.

TITLE LIII—TRANSPORTATION AND INFRASTRUCTURE MATTERS

Sec. 5301. Calculation of active service.

Sec. 5302. Acquisition of icebreaker.

Sec. 5303. Department of Defense civilian pilots.

Sec. 5304. Pilot program for spaceflight recovery operations at sea.

Sec. 5305. Port infrastructure development grants.

TITLE LIV—FINANCIAL SERVICES MATTERS

- Sec. 5401. Modification to financial institution definition and establishment of anti-money laundering strategy and task force.*
Sec. 5402. Review of Cyber-related Matters at the Department of the Treasury.

TITLE LV—NATURAL RESOURCES MATTERS

- Sec. 5501. Ysleta del Sur Pueblo and Alabama-Coushatta Tribes of Texas Equal and Fair Opportunity amendment.*
Sec. 5502. Inclusion of Commonwealth of the Northern Mariana Islands and American Samoa.
Sec. 5503. Amendments to Sikes Act.
Sec. 5504. Brennan Reef.

TITLE LVI—INSPECTOR GENERAL INDEPENDENCE AND EMPOWERMENT MATTERS

Subtitle A—Inspector General Independence

- Sec. 5601. Short title.*
Sec. 5602. Removal or transfer of inspectors general; placement on non-duty status.
Sec. 5603. Vacancy in position of inspector general.
Sec. 5604. Office of inspector general whistleblower complaints.

Subtitle B—Presidential Explanation of Failure to Nominate an Inspector General

- Sec. 5611. Presidential explanation of failure to nominate an inspector general.*

Subtitle C—Integrity Committee of the Council of Inspectors General on Integrity and Efficiency Transparency

- Sec. 5621. Short title.*
Sec. 5622. Additional information to be included in requests and reports to Congress.
Sec. 5623. Availability of information to Congress on certain allegations of wrongdoing closed without referral.
Sec. 5624. Semiannual report.
Sec. 5625. Additional reports.
Sec. 5626. Requirement to report final disposition to Congress.
Sec. 5627. Investigations of Offices of Inspectors General of establishments by the Integrity Committee.

Subtitle D—Notice of Ongoing Investigations When There Is a Change in Status of Inspector General

- Sec. 5631. Notice of ongoing investigations when there is a change in status of Inspector General.*

Subtitle E—Council of the Inspectors General on Integrity and Efficiency Report on Expenditures

- Sec. 5641. CIGIE report on expenditures.*

Subtitle F—Notice of Refusal to Provide Inspectors General Access

Sec. 5651. Notice of refusal to provide information or assistance to inspectors general.

Subtitle G—Training Resources for Inspectors General and Other Matters

- Sec. 5671. Training resources for inspectors general.*
Sec. 5672. Definition of appropriate congressional committees.
Sec. 5673. Semiannual reports.
Sec. 5674. Submission of reports that specifically identify non-governmental organizations or business entities.
Sec. 5675. Review relating to vetting, processing, and resettlement of evacuees from Afghanistan and the Afghanistan special immigrant visa program.

TITLE LVII—FEDERAL EMPLOYEE MATTERS

- Sec. 5701. Appeals to Merit Systems Protection Board relating to FBI reprisal allegations; salary of Special Counsel.*
Sec. 5702. Minimum wage for Federal contractors.
Sec. 5703. Federal wildland firefighter recruitment and retention.

TITLE LVIII—OTHER MATTERS

- Sec. 5801. Afghan Allies Protection.*
Sec. 5802. Advancing Mutual Interests and Growing Our Success.
Sec. 5803. Expansion of study of PFAS contamination.
Sec. 5804. National research and development strategy for distributed ledger technology.
Sec. 5805. Commercial air waiver for next of kin regarding transportation of remains of casualties.

1 SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.

2 *In this Act, the term “congressional defense commit-*
3 *tees” has the meaning given that term in section 101(a)(16)*
4 *of title 10, United States Code.*

1 ***DIVISION A—DEPARTMENT OF***
 2 ***DEFENSE AUTHORIZATIONS***
 3 ***TITLE I—PROCUREMENT***
 4 ***Subtitle A—Authorization of***
 5 ***Appropriations***

6 ***SEC. 101. AUTHORIZATION OF APPROPRIATIONS.***

7 *Funds are hereby authorized to be appropriated for fis-*
 8 *cal year 2023 for procurement for the Army, the Navy and*
 9 *the Marine Corps, the Air Force and the Space Force, and*
 10 *Defense-wide activities, as specified in the funding table in*
 11 *section 4101.*

12 ***Subtitle B—Navy Programs***

13 ***SEC. 111. REQUIREMENTS RELATING TO EA-18G AIRCRAFT***
 14 ***OF THE NAVY.***

15 *Section 8062 of title 10, United States Code, is amend-*
 16 *ed—*

17 *(1) by redesignating subsection (f) as subsection*
 18 *(g); and*

19 *(2) by inserting after subsection (e) the following*
 20 *new subsection:*

21 *“(f)(1)(A) The Secretary of the Navy may not—*

22 *“(i) retire an EA-18G aircraft;*

23 *“(ii) prepare to retire an EA-18G aircraft;*

24 *“(iii) place an EA-18G aircraft in active*
 25 *storage status or inactive storage status; or*

1 “(iv) keep an EA-18G aircraft in a status
2 considered excess to the requirements of the pos-
3 sessing command and awaiting disposition in-
4 structions.

5 “(B) The prohibition under subparagraph (A)
6 shall not apply to individual EA-18G aircraft that
7 the Secretary of the Navy determines, on a case-by-
8 case basis, to be no longer mission capable and uneco-
9 nomical to repair because of aircraft accidents or
10 mishaps.

11 “(2)(A) Beginning on October 1, 2022, the Secretary
12 of the Navy shall maintain a total aircraft inventory of
13 EA-18G aircraft of not less than 158 aircraft, of which not
14 less than 126 aircraft shall be coded as primary mission
15 aircraft inventory.

16 “(B) The Secretary of the Navy may reduce the num-
17 ber of EA-18G aircraft in the inventory of the Navy below
18 the minimum number specified in subparagraph (A) if the
19 Secretary determines on a case-by-case basis, that an air-
20 craft is no longer mission capable and uneconomical to re-
21 pair because of aircraft accidents or mishaps.

22 “(C) In this paragraph, the term ‘primary mission
23 aircraft inventory’ means aircraft assigned to meet the pri-
24 mary aircraft authorization—

1 “(i) to a unit for the performance of its wartime
2 mission;

3 “(ii) to a training unit for technical and special-
4 ized training for crew personnel or leading to aircrew
5 qualification;

6 “(iii) to a test unit for testing of the aircraft or
7 its components for purposes of research, development,
8 test, and evaluation, operational test and evaluation,
9 or to support testing programs; or

10 “(iv) to meet requirements for missions not oth-
11 erwise specified in clauses (i) through (iii).”.

12 **SEC. 112. MULTIYEAR PROCUREMENT AUTHORITY FOR**
13 **ARLEIGH BURKE CLASS DESTROYERS.**

14 (a) *FINDINGS; SENSE OF CONGRESS.*—

15 (1) *FINDINGS.*—Congress makes the following
16 findings:

17 (A) *The DDG Flight III destroyer is the*
18 *most capable large surface combatant in the*
19 *world-wide inventory of the Department of De-*
20 *fense.*

21 (B) *The Department plans to retire 18 large*
22 *surface combatants over the next five years.*

23 (C) *Under the future-years defense plan, the*
24 *Department plans to procure two DDGs per year*
25 *over the next five years.*

1 (2) *SENSE OF CONGRESS.*—*It is the sense of*
2 *Congress that—*

3 (A) *the loss of aggregate fire power due to*
4 *the retirement of 18 large surface combatants*
5 *over the next five years is cause for concern;*

6 (B) *the Department should continue to pro-*
7 *cure large surface combatants at the fastest pos-*
8 *sible rate based on industrial base capacity; and*

9 (C) *the Department should maximize sav-*
10 *ings and provide stability to the large surface*
11 *combatant industrial base through the use of*
12 *multiyear procurement contracts for the max-*
13 *imum number of ships, realized at a consistent*
14 *number of ships per year.*

15 (b) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—
16 *Subject to section 3501 of title 10, United States Code, the*
17 *Secretary of the Navy may enter into one or more multiyear*
18 *contracts for the procurement of up to 15 Arleigh Burke*
19 *class Flight III guided missile destroyers.*

20 (c) *AUTHORITY FOR ADVANCE PROCUREMENT.*—*The*
21 *Secretary of the Navy may enter into one or more contracts,*
22 *beginning in fiscal year 2023, for advance procurement as-*
23 *sociated with the destroyers for which authorization to enter*
24 *into a multiyear procurement contract is provided under*
25 *subsection (b), and for systems and subsystems associated*

1 *with such destroyers in economic order quantities when cost*
2 *savings are achievable.*

3 (d) *CONDITION FOR OUT-YEAR CONTRACT PAY-*
4 *MENTS.—A contract entered into under subsection (b) shall*
5 *provide that any obligation of the United States to make*
6 *a payment under the contract for a fiscal year after fiscal*
7 *year 2023 is subject to the availability of appropriations*
8 *or funds for that purpose for such later fiscal year.*

9 (e) *LIMITATION.—The Secretary of the Navy may not*
10 *modify a contract entered into under subsection (b) if the*
11 *modification would increase the target price of the destroyer*
12 *by more than 10 percent above the target price specified*
13 *in the original contract or the destroyer under subsection*
14 *(b).*

15 **SEC. 113. AUTHORITY FOR PROCUREMENT OF ADDITIONAL**
16 **ARLEIGH BURKE CLASS DESTROYER.**

17 (a) *PROCUREMENT AUTHORITY.—The Secretary of the*
18 *Navy may procure one Arleigh Burke class Flight III guid-*
19 *ed missile destroyer, in addition to any other procurement*
20 *of such destroyers otherwise authorized by law, to be pro-*
21 *cured either—*

22 (1) *as an addition to the contract covering up to*
23 *15 such destroyers authorized to be procured under*
24 *section 112 of this Act; or*

1 (2) *that total liability of the Federal Government*
2 *for termination of any contract entered into shall be*
3 *limited to the total amount of funding obligated to the*
4 *contract at time of termination.*

5 **SEC. 115. AUTHORITY TO PROCURE AIRFRAMES AND EN-**
6 **GINES FOR CH-53K KING STALLION HEAVY-**
7 **LIFT HELICOPTERS.**

8 (a) *CONTRACT AUTHORITY.*—*During fiscal years 2023*
9 *and 2024, the Secretary of the Navy may enter into—*

10 (1) *a single contract for the procurement of up*
11 *to 30 airframes in support of the CH-53K heavy-lift*
12 *helicopter program; and*

13 (2) *a single contract for the procurement of up*
14 *to 90 engines in support of such program.*

15 (b) *LIABILITY.*—*Any contract entered into under sub-*
16 *section (a) shall provide that—*

17 (1) *any obligation of the United States to make*
18 *a payment under the contract is subject to the avail-*
19 *ability of appropriations for that purpose; and*

20 (2) *that total liability of the Federal Government*
21 *for termination of any contract entered into shall be*
22 *limited to the total amount of funding obligated to the*
23 *contract at time of termination.*

1 **SEC. 116. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
2 **RETIREMENT OF HSC-85 AIRCRAFT.**

3 (a) *PROHIBITIONS.*—None of the funds authorized to
4 be appropriated by this Act or otherwise made available
5 for fiscal year 2023 for the Navy may be obligated or ex-
6 pended—

7 (1) *to retire, prepare to retire, transfer, or place*
8 *in storage any Helicopter Sea Combat Squadron 85*
9 *aircraft (referred to in this section as an “HSC-85*
10 *aircraft”); or*

11 (2) *to make any changes to manning levels with*
12 *respect to any HSC-85 aircraft squadron.*

13 (b) *REPORT REQUIRED.*—The Secretary of the Navy,
14 in consultation with the Commander of the United States
15 Special Operations Command, shall submit to the congress-
16 sional defense committees a report that includes—

17 (1) *an explanation of the operational impact of*
18 *divestment of HSC-85 aircraft on the training and*
19 *readiness of Navy special warfare units and missions*
20 *based in the west coast of the United States;*

21 (2) *the estimated costs of sustaining HSC-85*
22 *aircraft at full operational capability from fiscal year*
23 *2024 through fiscal year 2028;*

24 (3) *a proposed cost sharing arrangement between*
25 *the Navy and the United States Special Operations*
26 *Command for sustaining HSC-85 aircraft at full*

1 (2) *A statement of the total cost of the program*
2 *as of the date of the briefing, including the cost of de-*
3 *velopment, testing, and production.*

4 (3) *A comparison of the total cost of the program*
5 *relative to the original acquisition program baseline*
6 *and the most recently approved acquisition program*
7 *baseline as of the date of the briefing.*

8 (4) *An assessment of the flight testing that re-*
9 *mains to be conducted under the program, including*
10 *any testing required for validation of correction of*
11 *technical deficiencies.*

12 (5) *An update on the status of the correction of*
13 *technical deficiencies under the program and any ef-*
14 *fects on the program schedule resulting from the dis-*
15 *covery and correction of such deficiencies.*

16 (c) *CONFORMING REPEAL.—Section 132 of the Na-*
17 *tional Defense Authorization Act for Fiscal Year 2020 (Pub-*
18 *lic Law 116–92; 133 Stat. 1238) is repealed.*

19 ***Subtitle C—Air Force Programs***

20 ***SEC. 121. MODIFICATION OF INVENTORY REQUIREMENTS*** 21 ***FOR AIRCRAFT OF THE COMBAT AIR FORCES.***

22 (a) *TOTAL FIGHTER AIRCRAFT INVENTORY REQUIRE-*
23 *MENTS.—Section 9062(i)(1) of title 10, United States Code,*
24 *is amended by striking “1,970” and inserting “1,800”.*

25 (b) *A–10 MINIMUM INVENTORY REQUIREMENTS.—*

1 (1) *Section 134(d) of the National Defense Au-*
2 *thorization Act for Fiscal Year 2017 (Public Law*
3 *114–328; 130 Stat. 2038) is amended by striking*
4 *“171” and inserting “153”.*

5 (2) *Section 142(b)(2) of the National Defense*
6 *Authorization Act for Fiscal Year 2016 (Public Law*
7 *114–92; 129 Stat. 755) is amended by striking “171”*
8 *and inserting “153”.*

9 (c) *MODIFICATION OF LIMITATION ON AVAILABILITY*
10 *OF FUNDS FOR DESTRUCTION OF A–10 AIRCRAFT IN STOR-*
11 *AGE STATUS.—Section 135(a) of the National Defense Au-*
12 *thorization Act for Fiscal Year 2017 (Public Law 114–328;*
13 *130 Stat. 2039) is amended by striking “the report required*
14 *under section 134(e)(2)” and inserting “a report that in-*
15 *cludes the information described in section 134(e)(2)(C)”.*

16 **SEC. 122. MODIFICATION OF MINIMUM INVENTORY RE-**
17 **QUIREMENT FOR AIR REFUELING TANKER**
18 **AIRCRAFT.**

19 (a) *MINIMUM INVENTORY REQUIREMENT.—*

20 (1) *IN GENERAL.—Section 9062(j) of title 10,*
21 *United States Code, is amended—*

22 (A) *by striking “effective October 1, 2019,”;*

23 *and*

24 (B) *by striking “479” each place it appears*
25 *and inserting “466”.*

1 (2) *EFFECTIVE DATE.*—*The amendments made*
2 *by paragraph (1) shall take effect on October 1, 2022.*

3 (b) *PROHIBITION ON REDUCTION OF KC-135 AIR-*
4 *CRAFT IN PMAI OF THE RESERVE COMPONENTS.*—

5 (1) *IN GENERAL.*—*None of the funds authorized*
6 *to be appropriated by this Act or otherwise made*
7 *available for fiscal year 2023 for the Air Force may*
8 *be obligated or expended to reduce the number of KC-*
9 *135 aircraft designated as primary mission aircraft*
10 *inventory within the reserve components of the Air*
11 *Force.*

12 (2) *PRIMARY MISSION AIRCRAFT INVENTORY DE-*
13 *FINED.*—*In this subsection, the term “primary mis-*
14 *sion aircraft inventory” has the meaning given that*
15 *term in section 9062(i)(2)(B) of title 10, United*
16 *States Code.*

17 **SEC. 123. REQUIREMENTS RELATING TO F-22 AIRCRAFT.**

18 *Section 9062 of title 10, United States Code, is amend-*
19 *ed by adding at the end the following new subsection:*

20 “(k)(1)(A) *The Secretary of the Air Force may not—*

21 “(i) *retire an F-22 aircraft;*

22 “(ii) *prepare to retire an F-22 aircraft; or*

23 “(iii) *keep an F-22 aircraft in a status*
24 *considered excess to the requirements of the pos-*

1 *sessing command and awaiting disposition in-*
2 *structions (commonly referred to as ‘XJ’ status).*

3 “(B) *The prohibition under subparagraph (A)*
4 *shall not apply to individual F-22 aircraft that the*
5 *Secretary of the Air Force determines, on a case-by-*
6 *case basis, to be no longer mission capable and uneco-*
7 *nomical to repair because of aircraft accidents or*
8 *mishaps.*

9 “(2)(A) *Beginning on October 1, 2022, the Secretary*
10 *of the Air Force shall maintain a total aircraft inventory*
11 *of F-22 aircraft of not less than 186 aircraft.*

12 “(B) *The Secretary of the Air Force may reduce the*
13 *number of F-22 aircraft in the inventory of the Air Force*
14 *below the minimum number specified in subparagraph (A)*
15 *if the Secretary determines on a case-by-case basis, that an*
16 *aircraft is no longer mission capable and uneconomical to*
17 *repair because of aircraft accidents or mishaps.*

18 “(3) *Not later than October 1, 2029, the Secretary of*
19 *the Air Force shall ensure that all F-22 aircraft of the Air*
20 *Force are equipped with—*

21 “(A) *Block 30/35 mission systems, sensors, and*
22 *weapon employment capabilities; or*

23 “(B) *mission systems, sensors, and weapon em-*
24 *ployment capabilities more advanced than those de-*
25 *scribed in subparagraph (A).”.*

1 **SEC. 124. MODIFICATION OF INVENTORY REQUIREMENTS**
2 **AND LIMITATIONS RELATING TO CERTAIN**
3 **AIR REFUELING TANKER AIRCRAFT.**

4 *Section 137 of the National Defense Authorization Act*
5 *for Fiscal Year 2022 (Public Law 117–81; 135 Stat. 1576)*
6 *is amended—*

7 *(1) by striking subsection (b); and*

8 *(2) by redesignating subsections (c) and (d) as*
9 *subsections (b) and (c), respectively.*

10 **SEC. 125. REPEAL OF AIR FORCE E–8C FORCE PRESEN-**
11 **TATION REQUIREMENT.**

12 *Section 147 of the John S. McCain National Defense*
13 *Authorization Act for Fiscal Year 2019 (Public Law 115–*
14 *232; 132 Stat. 1669) is amended by striking subsection (f).*

15 **SEC. 126. MINIMUM INVENTORY OF C–130 AIRCRAFT.**

16 *(a) MINIMUM INVENTORY REQUIREMENT.—*

17 *(1) IN GENERAL.—During the covered period, the*
18 *Secretary of the Air Force shall maintain a total in-*
19 *ventory of C–130 aircraft of not less than 271 air-*
20 *craft.*

21 *(2) EXCEPTION .—The Secretary of the Air*
22 *Force may reduce the number of C–130 aircraft in*
23 *the Air Force below the minimum number specified*
24 *in subsection (a) if the Secretary determines, on a*
25 *case-by-case basis, that an aircraft is no longer mis-*
26 *sion capable because of a mishap or other damage.*

1 (3) *COVERED PERIOD DEFINED.*—*In this sub-*
2 *section, the term “covered period” means the period—*

3 (A) *beginning at the close of the period de-*
4 *scribed in section 138(c) of the National Defense*
5 *Authorization Act for Fiscal Year 2022 (Public*
6 *Law 117–81; 135 Stat. 1577); and*

7 (B) *ending on October 1, 2028.*

8 (b) *PROHIBITION ON REDUCTION OF C–130 AIRCRAFT*
9 *ASSIGNED TO NATIONAL GUARD.*—

10 (1) *IN GENERAL.*—*During fiscal year 2023, the*
11 *Secretary of the Air Force may not reduce the total*
12 *number of C–130 aircraft assigned to the National*
13 *Guard below the number so assigned as of the date of*
14 *the enactment of this Act.*

15 (2) *EXCEPTION.*—*The prohibition under para-*
16 *graph (1) shall not apply to an individual C–130*
17 *aircraft that the Secretary of the Air Force deter-*
18 *mines, on a case-by-case basis, to be no longer mission*
19 *capable because of a mishap or other damage.*

20 **SEC. 127. AUTHORITY TO PROCURE UPGRADED EJECTION**
21 **SEATS FOR CERTAIN T–38A AIRCRAFT.**

22 *The Secretary of the Air Force is authorized to procure*
23 *upgraded ejection seats for—*

24 (1) *all T–38A aircraft of the Air Force Global*
25 *Strike Command that have not received an upgraded*

1 *ejection seat under the T-38 Ejection Seat Upgrade*
2 *Program; and*

3 *(2) all T-38A aircraft of the Air Combat Com-*
4 *mand that have not received an upgraded ejection*
5 *seat as part of such Program.*

6 **SEC. 128. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
7 **RETIREMENT OF C-40 AIRCRAFT.**

8 *(a) PROHIBITION.—None of the funds authorized to be*
9 *appropriated by this Act or otherwise made available for*
10 *fiscal year 2023 for the Air Force may be obligated or ex-*
11 *pendent to retire, prepare to retire, or place in storage or*
12 *on backup aircraft inventory status any C-40 aircraft.*

13 *(b) EXCEPTION.—*

14 *(1) IN GENERAL.—The limitation under sub-*
15 *section (a) shall not apply to an individual C-40 air-*
16 *craft that the Secretary of the Air Force determines,*
17 *on a case-by-case basis, to be no longer mission capa-*
18 *ble because of a Class A mishap.*

19 *(2) CERTIFICATION REQUIRED.—If the Secretary*
20 *determines under paragraph (1) that an aircraft is*
21 *no longer mission capable, the Secretary shall submit*
22 *to the congressional defense committees a certification*
23 *that the status of such aircraft is due to a Class A*
24 *mishap and not due to lack of maintenance or repairs*
25 *or other reasons.*

1 **SEC. 129. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
2 **PROCUREMENT OF BRIDGE TANKER AIR-**
3 **CRAFT.**

4 *None of the funds authorized to be appropriated by this*
5 *Act or otherwise made available for fiscal year 2023 for the*
6 *Air Force may be obligated or expended to enter into a con-*
7 *tract for the procurement of the bridge tanker aircraft (as*
8 *defined in section 136(b) of the National Defense Authoriza-*
9 *tion Act for Fiscal Year 2022 (Public Law 117–81)) unless*
10 *such contract is awarded using full and open competition.*
11 *Notwithstanding the preceding sentence, the Secretary of the*
12 *Air Force may enter into a contract for the procurement*
13 *of the bridge tanker aircraft using procedures other than*
14 *full and open competition if the Secretary complies with*
15 *the requirements of section 3204 of title 10, United States*
16 *Code, with respect to the award of such contract and pro-*
17 *vides to the Committee on Armed Services of the House of*
18 *Representatives a briefing that explains the reasons such*
19 *contract cannot be awarded using full and open competi-*
20 *tion.*

21 **SEC. 130. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
22 **TERMINATION OF PRODUCTION LINES FOR**
23 **HH-60W AIRCRAFT.**

24 *None of the funds authorized to be appropriated by this*
25 *Act or otherwise made available for fiscal year 2023 for the*
26 *Air Force may be obligated or expended to terminate the*

1 operations of, or to prepare to terminate the operations of,
2 a production line for HH-60W Combat Rescue Helicopters.

3 **SEC. 131. PROHIBITION ON CERTAIN REDUCTIONS TO B-1**

4 **BOMBER AIRCRAFT SQUADRONS.**

5 (a) *PROHIBITION.*—During the covered period, the
6 Secretary of the Air Force may not—

7 (1) modify the designed operational capability
8 statement for any B-1 bomber aircraft squadron, as
9 in effect on the date of the enactment of this Act, in
10 a manner that would reduce the capabilities of such
11 a squadron below the levels specified in such state-
12 ment as in effect on such date; or

13 (2) reduce, below the levels in effect on such date
14 of enactment, the number of personnel assigned to
15 units responsible for the operation and maintenance
16 of B-1 aircraft if such reduction would affect the
17 ability of such units to meet the capability described
18 in paragraph (1).

19 (b) *EXCEPTION.*—The prohibition under subsection (a)
20 shall not apply to a bomb wing for which the Secretary
21 of the Air Force has commenced the process of replacing
22 B-1 bomber aircraft with B-21 bomber aircraft.

23 (c) *DEFINITIONS.*—In this section:

1 (1) *The term “covered period” means the period*
2 *beginning on the date of the enactment of this Act*
3 *and ending on September 30, 2026.*

4 (2) *The term “designed operational capability*
5 *statement” has the meaning given that term in Air*
6 *Force Instruction 10–201.*

7 (d) *CONFORMING REPEAL.—Section 133 of the Na-*
8 *tional Defense Authorization Act for Fiscal Year 2022 (Pub-*
9 *lic Law 117–81; 135 Stat. 1574) is repealed.*

10 **SEC. 132. LIMITATION ON RETIREMENT OF E-3 AIRBORNE**
11 **WARNING AND CONTROL SYSTEM AIRCRAFT.**

12 (a) *LIMITATION.—*

13 (1) *IN GENERAL.—Secretary of the Air Force*
14 *may not retire or prepare to retire more than a total*
15 *of 13 E-3 Airborne Warning and Control System air-*
16 *craft.*

17 (2) *RETIREMENT CONDITIONS.—Of the aircraft*
18 *authorized to be retired under paragraph (1)—*

19 (A) *up to eight aircraft may be retired at*
20 *any time during the period beginning on the*
21 *date of the enactment of this Act and ending on*
22 *October 1, 2023; and*

23 (B) *up to five aircraft may be retired only*
24 *after the Secretary of the Air Force enters into*

1 *a contract for the procurement of an E-7 air-*
2 *craft.*

3 **(b) DESIGNATION AS PTAI.**—*The Secretary of the Air*
4 *Force shall designate two E-3 aircraft as Primary Train-*
5 *ing Aircraft Inventory.*

6 **(c) REPORT REQUIRED.**—

7 **(1) IN GENERAL.**—*The Secretary of the Air*
8 *Force shall submit to the congressional defense com-*
9 *mittees a report on the airborne warning and control*
10 *capabilities and capacity of the Air Force.*

11 **(2) ELEMENTS.**—*The report under subsection (a)*
12 *shall include the following:*

13 **(A) An assessment of—**

14 **(i) the airborne warning and control**
15 *capabilities and capacity of the Air Force*
16 *as of the date of the report; and*

17 **(ii) the airborne warning and control**
18 *capabilities and capacity needed to meet the*
19 *future requirements of the Air Force.*

20 **(B) Identification of—**

21 **(i) air moving target indicator and**
22 *battle management and command and con-*
23 *trol requirements as of the date of the re-*
24 *port;*

1 (ii) the number of such requirements
2 being fulfilled by the current fleet of 31 E-
3 3 aircraft or other capabilities; and

4 (iii) the number of such requirements
5 that would be fulfilled by a reduced fleet of
6 16 E-3 aircraft.

7 (C) An assessment of whether and to what
8 extent a reduced fleet of 16 E-3 aircraft would
9 affect the level of support provided to the oper-
10 ations of the geographic combatant commands.

11 (D) A comparison of the capabilities of the
12 E-3 aircraft with the capabilities of the E-7
13 aircraft that is proposed as a replacement for the
14 E-3 aircraft.

15 (E) A comparison of the capacity required
16 to satisfy both current and future air moving
17 target indicator and battle management and
18 command and control requirements.

19 (F) An acquisition strategy for the E-7 air-
20 craft proposed as a replacement for the E-3 air-
21 craft that is—

22 (i) approved by the Secretary of the
23 Air Force; and

24 (ii) includes cost and schedule data,
25 plans for training and fielding, and an as-

1 *assessment of possible courses of action to ac-*
2 *celerate the proposed acquisition.*

3 **SEC. 133. REQUIREMENTS STUDY AND ACQUISITION STRAT-**
4 **EGY FOR THE COMBAT SEARCH AND RESCUE**
5 **MISSION OF THE AIR FORCE.**

6 *(a) REQUIREMENTS STUDY.—*

7 *(1) IN GENERAL.—The Secretary of the Air*
8 *Force shall conduct a study to determine the require-*
9 *ments for the combat search and rescue mission of the*
10 *Air Force in support of the objectives of the National*
11 *Defense Strategy.*

12 *(2) ELEMENTS.—The study under paragraph (1)*
13 *shall include the following:*

14 *(A) Identification of anticipated combat*
15 *search and rescue mission requirements nec-*
16 *essary to meet the objectives of the most recent*
17 *National Defense Strategy, including—*

18 *(i) requirements for short-term, mid-*
19 *term, and long-term contingency and*
20 *steady-state operations against adversaries;*

21 *(ii) requirements under the Agile Com-*
22 *bat Employment operational scheme of the*
23 *Air Force;*

24 *(iii) requirements relating to regions*
25 *and specific geographic areas that are ex-*

1 pected to have a need for combat search and
2 rescue forces based on the combat-relevant
3 range and penetration capability of United
4 States air assets and associated weapon sys-
5 tems; and

6 (iv) the level of operational risk associ-
7 ated with each likely requirement and sce-
8 nario.

9 (B) An assessment of the rotary, tilt, and
10 fixed wing aircraft and key combat search and
11 rescue enabling capabilities that—

12 (i) are needed to meet the requirements
13 identified under subparagraph (A); and

14 (ii) have been accounted for in the
15 budget of the Air Force as of the date of the
16 study.

17 (C) Identification of any combat search and
18 rescue capability gaps, including an assessment
19 of—

20 (i) whether and to what extent such
21 gaps may affect the ability of the Air Force
22 to conduct combat search and rescue oper-
23 ations;

24 (ii) any capability gaps that may be
25 created by procuring fewer HH-60W air-

1 *craft than planned under the program of*
2 *record, including any expected changes to*
3 *the plan for fielding such aircraft for active,*
4 *reserve, and National Guard units; and*

5 *(iii) any capability gaps attributable*
6 *to unfunded requirements.*

7 *(D) Identification and assessment of key*
8 *current, emerging, and future technologies with*
9 *potential application to the combat search and*
10 *rescue mission, including electric vertical takeoff*
11 *and landing, unmanned aerial systems, armed*
12 *air launched effects or similar armed capabili-*
13 *ties, or a combination of such technologies.*

14 *(E) An assessment of each technology iden-*
15 *tified under subparagraph (D), including (as ap-*
16 *plicable) an assessment of—*

17 *(i) technology maturity;*

18 *(ii) suitability to the combat search*
19 *and rescue mission;*

20 *(iii) range;*

21 *(iv) speed;*

22 *(v) payload capability and capacity;*

23 *(vi) radio frequency and infrared sig-*
24 *natures;*

1 (vii) operational conditions required
2 for the use of such technology, such as run-
3 way availability;

4 (viii) survivability;

5 (ix) lethality;

6 (x) potential to support combat mis-
7 sions other than combat search and rescue;
8 and

9 (xi) estimated cost.

10 (3) *SUBMITTAL TO CONGRESS.*—

11 (A) *IN GENERAL.*—Not later than March
12 30, 2023, the Secretary of the Air Force shall
13 submit to the Committees on Armed Services of
14 the Senate and the House of Representatives a
15 report on the results of the study under para-
16 graph (1).

17 (B) *FORM.*—The report required under sub-
18 paragraph (A) shall be submitted in unclassified
19 form, but may include a classified annex.

20 (b) *ACQUISITION STRATEGY.*—

21 (1) *IN GENERAL.*—Based on the results of the
22 study conducted under subsection (a), the Secretary of
23 the Air Force shall develop a strategy for the acqui-
24 sition of capabilities to meet the requirements identified
25 under such study.

1 (2) *ELEMENTS.*—*The acquisition strategy under*
2 *paragraph (1) shall include—*

3 (A) *A prioritized list of the capabilities*
4 *needed to meet the requirements identified under*
5 *subsection (a).*

6 (B) *The estimated costs of such capabilities,*
7 *including—*

8 (i) *any amounts already budgeted for*
9 *such capabilities as of the date of the strat-*
10 *egy, including amounts already budgeted*
11 *for emerging and future technologies; and*

12 (ii) *any amounts not already budgeted*
13 *for such capabilities as of such date.*

14 (C) *An estimate of the date by which the ca-*
15 *pability is expected to become operational.*

16 (D) *A description of any requirements iden-*
17 *tified under subsection (a) that the Secretary of*
18 *the Air Force does not expect to meet as part of*
19 *the acquisition strategy and an explanation of*
20 *the reasons such requirements cannot be met.*

21 (3) *SUBMITTAL TO CONGRESS.*—

22 (A) *IN GENERAL.*—*Not later than June 1,*
23 *2023, the Secretary of the Air Force shall submit*
24 *to the Committees on Armed Services of the Sen-*
25 *ate and the House of Representatives a report on*

1 *the acquisition strategy developed under para-*
2 *graph (1).*

3 *(B) FORM.—The report required under sub-*
4 *paragraph (A) shall be submitted in unclassified*
5 *form, but may include a classified annex.*

6 **SEC. 134. PLAN FOR TRANSFER OF KC-135 AIRCRAFT TO**
7 **THE AIR NATIONAL GUARD.**

8 *(a) PLAN REQUIRED.—The Secretary of the Air Force*
9 *shall develop a plan to transfer covered KC-135 aircraft*
10 *to air refueling wings of the Air National Guard that are*
11 *classic associations with active duty units of the Air Force.*

12 *(b) BRIEFING.—Not later than 120 days after the date*
13 *of the enactment of this Act, the Secretary of the Air Force*
14 *shall provide to the Committees on Armed Services of the*
15 *Senate and the House of Representatives a briefing on plan*
16 *developed under subsection (a). The briefing shall include*
17 *an explanation of the effects the plan is expected to have*
18 *on the aerial refueling capability of the Department of De-*
19 *fense.*

20 *(c) DEFINITIONS.—In this section:*

21 *(1) The term “covered KC-135 aircraft” means*
22 *a KC-135 aircraft that the Secretary of the Air Force*
23 *is in the process of replacing with a KC-46A aircraft.*

24 *(2) The term “classic association” means a*
25 *structure under which a regular Air Force unit re-*

1 *or the equivalent requirements for the program that*
2 *have changed since the submission of the previous re-*
3 *port under this section.*

4 *(4) The test and evaluation strategy and execu-*
5 *tion date of the testing program, including any re-*
6 *sults, and a summary of testing points closed per-*
7 *taining to the testing program.*

8 *(5) The logistics and sustainment strategy of the*
9 *program, and the planning, execution, and implemen-*
10 *tation that has occurred related to that strategy as of*
11 *the date of the report.*

12 *(6) An explanation of the causes related to any*
13 *engineering, manufacturing, development, testing,*
14 *production, delivery, acceptance, and fielding delays*
15 *incurred by the program as of the date of the report*
16 *and any associated impacts and subsequent efforts to*
17 *address such delays.*

18 *(7) The post-production fielding strategy for the*
19 *program.*

20 *(8) Any other matters regarding the acquisition*
21 *of the T-7 Advanced Pilot Training System that the*
22 *Assistant Secretary determines to be of critical impor-*
23 *tance to the long-term viability of the program.*

1 **SEC. 136. REPORT ON F-22 AIRCRAFT FORCE LAYDOWN.**

2 *Not later than April 30, 2023, the Secretary of the Air*
3 *Force shall submit to the Committees on Armed Services*
4 *of the Senate and the House of Representatives a report*
5 *on—*

6 *(1) the proposed plan of the Air Force for the*
7 *movement and basing of 186 F-22 aircraft; and*

8 *(2) the establishment of a new F-22 formal*
9 *training unit, including—*

10 *(A) the anticipated location of such unit;*

11 *(B) the anticipated schedule for the estab-*
12 *lishment of such unit; and*

13 *(C) the number of aircraft that are expected*
14 *to be transferred to such unit.*

15 ***Subtitle D—Defense-wide, Joint,***
16 ***and Multiservice Matters***

17 **SEC. 141. CHARGING STATIONS AT COMMISSARY STORES**
18 **AND MILITARY EXCHANGES.**

19 *(a) IN GENERAL.—Subchapter I of chapter 147 of title*
20 *10, United States Code, is amended by adding at the end*
21 *the following new section:*

22 ***“§2486. Electric vehicle charging stations at com-***
23 ***missary stores and military exchanges***

24 ***“(a) AUTHORITY.—The Secretary of Defense may fur-***
25 ***nish electric vehicle charging stations at a commissary store***

1 *or military exchange for commercial use by individuals au-*
2 *thorized to access such facilities.*

3 “(b) *RATES AND PROCEDURES.*—*If the Secretary of*
4 *Defense furnishes electric vehicle charging stations pursuant*
5 *to subsection (a)—*

6 “(1) *the Secretary shall establish rates and pro-*
7 *cedures that the Secretary determines appropriate for*
8 *the purchase of electric power from the charging sta-*
9 *tions; and*

10 “(2) *such charging stations may be installed and*
11 *operated by a contractor on a for-profit basis.*

12 “(c) *INTEROPERABILITY.*—*Any vehicle charging sta-*
13 *tion provided under this section shall use a charging con-*
14 *ductor type (or other means to transmit electricity to the*
15 *vehicle) that—*

16 “(1) *meets applicable industry accepted stand-*
17 *ards for interoperability and safety; and*

18 “(2) *is compatible with—*

19 “(A) *electric vehicles commonly available*
20 *for purchase by a member of the general public;*
21 *and*

22 “(B) *covered nontactical vehicles.*

23 “(b) *COVERED NONTACTICAL VEHICLE DEFINED.*—*In*
24 *this section, the term ‘covered nontactical vehicle’ means*
25 *any vehicle—*

1 “(1) that is not a tactical vehicle designed for
2 use in combat; and

3 “(2) that is purchased or leased by the Depart-
4 ment of Defense, or by another department or agency
5 of the Federal Government for the use of the Depart-
6 ment of Defense, pursuant to a contract entered into,
7 renewed, modified, or amended on or after October 1,
8 2022.”.

9 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
10 *the beginning of such subchapter is amended by adding at*
11 *the end the following new item:*

 “2486. *Electric vehicle charging stations at commissary stores and military ex-*
 changes.”.

12 **SEC. 142. INCREASE AIR FORCE AND NAVY USE OF USED**
13 **COMMERCIAL DUAL-USE PARTS IN CERTAIN**
14 **AIRCRAFT AND ENGINES.**

15 (a) *IN GENERAL.*—*Not later than 90 days after the*
16 *date of the enactment of this Act, the Secretary of the Air*
17 *Force, with respect to the Air Force, and the Secretary of*
18 *the Navy, with respect to the Navy, shall develop and imple-*
19 *ment processes and procedures for—*

20 (1) *the acquisition of used, overhauled, recondi-*
21 *tioned, and remanufactured commercial dual-use*
22 *parts; and*

23 (2) *the use of such commercial-dual use parts in*
24 *all—*

1 (A) *commercial derivative aircraft and en-*
2 *gines; and*

3 (B) *aircraft used by the Air Force or Navy*
4 *that are based on the design of commercial prod-*
5 *ucts.*

6 (b) *PROCUREMENT OF PARTS.—The processes and pro-*
7 *cedures implemented under subsection (a) shall provide that*
8 *commercial dual-use parts shall be acquired—*

9 (1) *pursuant to competitive procedures (as de-*
10 *finied in section 3012 of title 10, United States Code);*
11 *and*

12 (2) *only from suppliers that provide parts that*
13 *possess an Authorized Release Certificate Federal*
14 *Aviation Administration Form 8130-3 Airworthy Ap-*
15 *proval Tag from a certified repair station pursuant*
16 *to part 145 of title 14, Code of Federal Regulations.*

17 (c) *DEFINITIONS.—In this section:*

18 (1) *COMMERCIAL DERIVATIVE.—The term “com-*
19 *mercial derivative” means an item procured by the*
20 *Department of Defense that is or was produced using*
21 *the same or similar production facilities, a common*
22 *supply chain, and the same or similar production*
23 *processes that are used for the production of the item*
24 *as predominantly used by the general public or by*

1 *nongovernmental entities for purposes other than gov-*
2 *ernmental purposes.*

3 (2) *COMMERCIAL DUAL-USE PARTS.*—*The term*
4 *“commercial dual-use parts” means a product that*
5 *is—*

6 (A) *a commercial product;*

7 (B) *dual-use;*

8 (C) *described in subsection (b)(2); and*

9 (D) *not a life limited part.*

10 (3) *COMMERCIAL PRODUCT.*—*The term “commer-*
11 *cial product” has the meaning given such term in sec-*
12 *tion 103 of title 41, United States Code.*

13 (4) *DUAL-USE.*—*The term “dual-use” has the*
14 *meaning given such term in section 4801 of title 10,*
15 *United States Code.*

16 **SEC. 143. ASSESSMENT AND REPORT ON MILITARY ROTARY**
17 **WING AIRCRAFT INDUSTRIAL BASE.**

18 (a) *ASSESSMENT REQUIRED.*—*The Under Secretary of*
19 *Defense for Acquisition and Sustainment, in coordination*
20 *with the Secretaries of the Army, Navy, and Air Force, shall*
21 *conduct an assessment of the military rotary wing aircraft*
22 *industrial base.*

23 (b) *ELEMENTS.*—*The assessment under subsection (a)*
24 *shall include the following:*

1 (1)(A) *Identification of each rotary wing aircraft*
2 *program of the Department of Defense that is in the*
3 *research and development or procurement phase.*

4 (B) *A description of any platform-specific or ca-*
5 *pability-specific facility or workforce technical skill*
6 *requirements necessary for each program identified*
7 *under subparagraph (A).*

8 (2) *Identification of—*

9 (A) *the rotary wing aircraft capabilities of*
10 *each Armed Force anticipated for programming*
11 *beyond the period covered by the most recent fu-*
12 *ture-years defense program submitted to Con-*
13 *gress under section 221 of title 10, United States*
14 *Code (as of the date of the assessment); and*

15 (B) *the technologies, facilities, and work-*
16 *force skills necessary for the development of such*
17 *capabilities.*

18 (3) *An assessment of the military industrial base*
19 *capacity and skills that are available (as of the date*
20 *of the assessment) to design and manufacture the*
21 *platforms and capabilities identified under para-*
22 *graphs (1) and (2) and a list of any gaps in such ca-*
23 *capacity and skills.*

24 (4)(A) *Identification of each component, sub-*
25 *component, or equipment supplier in the military ro-*

1 *tary wing aircraft industrial base that is the sole*
2 *source within such industrial base from which that*
3 *component, subcomponent, or equipment may be ob-*
4 *tained.*

5 *(B) An assessment of any risk resulting from the*
6 *lack of other suppliers for such components, sub-*
7 *components, or equipment.*

8 *(5) Analysis of the likelihood of future consolida-*
9 *tion, contraction, or expansion, within the rotary*
10 *wing aircraft industrial base, including—*

11 *(A) identification of the most probable sce-*
12 *narios with respect to such consolidation, con-*
13 *traction, or expansion; and*

14 *(B) an assessment of how each such scenario*
15 *may affect the ability of the Armed Forces to ac-*
16 *quire military rotary wing aircraft in the fu-*
17 *ture, including any effects on the cost and sched-*
18 *ule of such acquisitions.*

19 *(6) Such other matters the Under Secretary of*
20 *Defense for Acquisition and Sustainment determines*
21 *appropriate.*

22 *(c) REPORT.—*

23 *(1) IN GENERAL.—Concurrently with the submis-*
24 *sion of the next annual report required to be sub-*
25 *mitted under section 4814 of title 10, United States*

1 Code, after the date of the enactment of this Act, the
2 Under Secretary of Defense for Acquisition and
3 Sustainment shall submit to the congressional defense
4 committees a report that includes—

5 (A) the results of the assessment conducted
6 under subsection (a); and

7 (B) based on such results, recommendations
8 for reducing any risks identified with respect to
9 the military rotary wing aircraft industrial
10 base.

11 (2) FORM.—The report required under para-
12 graph (1) may be submitted as an appendix to the
13 annual report required to be submitted under section
14 4814 of title 10, United States Code.

15 (d) ROTARY WING AIRCRAFT DEFINED.—In this sec-
16 tion, the term “rotary wing aircraft” includes rotary wing
17 and tiltrotor aircraft.

18 **TITLE II—RESEARCH, DEVELOP-**
19 **MENT, TEST, AND EVALUA-**
20 **TION**

21 **Subtitle A—Authorization of**
22 **Appropriations**

23 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

24 Funds are hereby authorized to be appropriated for fis-
25 cal year 2023 for the use of the Department of Defense for

1 *research, development, test, and evaluation, as specified in*
2 *the funding table in section 4201.*

3 ***Subtitle B—Program Requirements,***
4 ***Restrictions, and Limitations***

5 ***SEC. 211. CLARIFICATION OF ROLE OF SENIOR OFFICIAL***
6 ***WITH PRINCIPAL RESPONSIBILITY FOR ARTI-***
7 ***FICIAL INTELLIGENCE AND MACHINE LEARN-***
8 ***ING.***

9 *(a) JOINT ARTIFICIAL INTELLIGENCE RESEARCH AND*
10 *DEVELOPMENT ACTIVITIES.—Section 238 of the John S.*
11 *McCain National Defense Authorization Act for Fiscal Year*
12 *2019 (Public Law 115–232; 10 U.S.C. note prec. 4061) is*
13 *amended—*

14 *(1) by amending subsection (c) to read as fol-*
15 *lows:*

16 *“(c) ORGANIZATION AND ROLES.—*

17 *“(1) IN GENERAL.—In addition to designating*
18 *an official under subsection (b), the Secretary of De-*
19 *fense shall assign to appropriate officials within the*
20 *Department of Defense roles and responsibilities relat-*
21 *ing to the research, development, prototyping, testing,*
22 *procurement of, requirements for, and operational use*
23 *of artificial intelligence technologies.*

1 “(2) *APPROPRIATE OFFICIALS.*—*The officials as-*
2 *signed roles and responsibilities under paragraph (1)*
3 *shall include—*

4 “(A) *the Under Secretary of Defense for Re-*
5 *search and Engineering;*

6 “(B) *the Under Secretary of Defense for Ac-*
7 *quisition and Sustainment;*

8 “(C) *one or more officials in each military*
9 *department;*

10 “(D) *officials of appropriate Defense Agen-*
11 *cies; and*

12 “(E) *such other officials as the Secretary of*
13 *Defense determines appropriate.*”;

14 (2) *in subsection (e) in the second sentence, by*
15 *striking “Director of the Joint Artificial Intelligence*
16 *Center” and inserting “the official designated under*
17 *subsection (b)”;* and

18 (3) *by striking subsection (h).*

19 (b) *PERSONNEL MANAGEMENT AUTHORITY TO AT-*
20 *TRACT EXPERTS IN SCIENCE AND ENGINEERING.*—*Section*
21 *4092 of title 10, United States Code, is amended—*

22 (1) *by amending paragraph (6) of subsection (a)*
23 *to read as follows:*

24 “(6) *JOINT ARTIFICIAL INTELLIGENCE RE-*
25 *SEARCH, DEVELOPMENT, AND TRANSITION ACTIVI-*

1 *TIES.—The official designated under subsection (b) of*
2 *section 238 of the John S. McCain National Defense*
3 *Authorization Act for Fiscal Year 2019 (Public Law*
4 *115–232) shall carry out a program of personnel*
5 *management authority provided in subsection (b) of*
6 *this section in order to facilitate recruitment of emi-*
7 *nent experts in science or engineering to support the*
8 *activities of such official under such section 238.”.*

9 *(2) in subsection (b)(1)(F)—*

10 *(A) by striking “Joint Artificial Intelligence*
11 *Center” and inserting “official designated under*
12 *subsection (b) of section 238 of the John S.*
13 *McCain National Defense Authorization Act for*
14 *Fiscal Year 2019 (Public Law 115–232)”;* and

15 *(B) by striking “in the Center” and insert-*
16 *ing “in support of the activities of such official*
17 *under such section”;* and

18 *(3) in subsection (c)(2), by striking “the Joint*
19 *Artificial Intelligence Center” and inserting “the ac-*
20 *tivities under section 238 of the John S. McCain Na-*
21 *tional Defense Authorization Act for Fiscal Year 2019*
22 *(Public Law 115–232)”.*

23 *(c) REVIEW OF ARTIFICIAL INTELLIGENCE APPLICA-*
24 *TIONS AND ESTABLISHMENT OF PERFORMANCE*
25 *METRICS.—Section 226(b) of the National Defense Author-*

1 ization Act for Fiscal Year 2022 (Public Law 117–81; 10
2 U.S.C. 4001 note) is amended—

3 (1) in paragraph (3), by inserting “or the offi-
4 cial designated under subsection (b) of section 238 of
5 the John S. McCain National Defense Authorization
6 Act for Fiscal Year 2019 (Public Law 115–232; 10
7 U.S.C. note prec. 4061)” after “Director of the Joint
8 Artificial Intelligence Center”;

9 (2) in paragraph (4), by inserting “or the offi-
10 cial designated under subsection (b) of section 238 of
11 the John S. McCain National Defense Authorization
12 Act for Fiscal Year 2019 (Public Law 115–232; 10
13 U.S.C. note prec. 4061)” after “Director of the Joint
14 Artificial Intelligence Center”; and

15 (3) in paragraph (5), by inserting “or the offi-
16 cial designated under subsection (b) of section 238 of
17 the John S. McCain National Defense Authorization
18 Act for Fiscal Year 2019 (Public Law 115–232; 10
19 U.S.C. note prec. 4061)” after “Director of the Joint
20 Artificial Intelligence Center”.

21 (d) *MODIFICATION OF THE JOINT COMMON FOUNDA-*
22 *TION PROGRAM.*—Section 227(a) of the National Defense
23 Authorization Act for Fiscal Year 2022 (Public Law 117–
24 81; 10 U.S.C. 4001 note) is amended by striking “Joint
25 Artificial Intelligence Center” and inserting “the office of

1 *the official designated under subsection (b) of section 238*
2 *of the John S. McCain National Defense Authorization Act*
3 *for Fiscal Year 2019 (Public Law 115–232; 10 U.S.C. note*
4 *prec. 4061)”.*

5 *(e) PILOT PROGRAM ON DATA REPOSITORIES TO FA-*
6 *CILITATE THE DEVELOPMENT OF ARTIFICIAL INTEL-*
7 *LIGENCE CAPABILITIES FOR THE DEPARTMENT OF DE-*
8 *FENSE.—Section 232 of the National Defense Authorization*
9 *Act for Fiscal Year 2022 (Public Law 117–81; 10 U.S.C.*
10 *4001 note) is amended—*

11 *(1) in the section heading, by striking “PILOT*
12 *PROGRAM ON DATA REPOSITORIES” and insert-*
13 *ing “DATA REPOSITORIES”;*

14 *(2) by amending subsection (a) to read as fol-*
15 *lows:*

16 *“(a) ESTABLISHMENT OF DATA REPOSITORIES.—The*
17 *Secretary of Defense, acting through the official designated*
18 *under subsection (b) of section 238 of the John S. McCain*
19 *National Defense Authorization Act for Fiscal Year 2019*
20 *(Public Law 115–232; 10 U.S.C. note prec. 4061) (and such*
21 *other officials as the Secretary determines appropriate),*
22 *shall—*

23 *“(1) establish data repositories containing De-*
24 *partment of Defense data sets relevant to the develop-*

1 *ment of artificial intelligence software and technology;*
2 *and*

3 *“(2) allow appropriate public and private sector*
4 *organizations to access such data repositories for the*
5 *purpose of developing improved artificial intelligence*
6 *and machine learning software capabilities that may,*
7 *as determined appropriate by the Secretary, be pro-*
8 *cured by the Department to satisfy Department re-*
9 *quirements and technology development goals.”;*

10 *(3) in subsection (b), by striking “If the Sec-*
11 *retary of Defense carries out the pilot program under*
12 *subsection (a), the data repositories established under*
13 *the program” and inserting “The data repositories es-*
14 *tablished under subsection (a)”;* and

15 *(4) by amending subsection (c) to read as fol-*
16 *lows:*

17 *“(c) BRIEFING.—Not later than July 1, 2023, the Sec-*
18 *retary of Defense shall provide to the congressional defense*
19 *committees a briefing on—*

20 *“(1) the types of information the Secretary deter-*
21 *mines are feasible and advisable to include in the*
22 *data repositories established under subsection (a); and*

23 *“(2) the progress of the Secretary in establishing*
24 *such data repositories.”.*

1 (f) *DIGITAL DEVELOPMENT INFRASTRUCTURE PLAN*
2 *AND WORKING GROUP.*—Section 1531(d)(2)(C) of the Na-
3 *tional Defense Authorization Act for Fiscal Year 2022 (Pub-*
4 *lic Law 117–81; 135 Stat. 2051) is amended by striking*
5 *“The Joint Artificial Intelligence Center (JAIC)” and in-*
6 *serting “The office of the official designated under sub-*
7 *section (b) of section 238 of the John S. McCain National*
8 *Defense Authorization Act for Fiscal Year 2019 (Public*
9 *Law 115–232; 10 U.S.C. note prec. 4061)”.*

10 (g) *APPLICATION OF ARTIFICIAL INTELLIGENCE TO*
11 *THE DEFENSE REFORM PILLAR OF THE NATIONAL DE-*
12 *FENSE STRATEGY.*—Section 234(b) of the William M. (Mac)
13 *Thornberry National Defense Authorization Act for Fiscal*
14 *Year 2021 (Public Law 116–283; 10 U.S.C. 113) is amend-*
15 *ed by striking “Director of the Joint Artificial Intelligence*
16 *Center” and inserting “official designated under subsection*
17 *(b) of section 238 of the John S. McCain National Defense*
18 *Authorization Act for Fiscal Year 2019 (Public Law 115–*
19 *232; 10 U.S.C. note prec. 4061)”.*

20 (h) *PILOT PROGRAM ON THE USE OF ELECTRONIC*
21 *PORTFOLIOS TO EVALUATE CERTAIN APPLICANTS FOR*
22 *TECHNICAL POSITIONS.*—Section 247(c) of the William M.
23 *(Mac) Thornberry National Defense Authorization Act for*
24 *Fiscal Year 2021 (Public Law 116–283; 10 U.S.C. note*
25 *prec. 1580) is amended—*

1 (1) in paragraph (1), by striking “the Joint Ar-
2 tificial Intelligence Center” and inserting “the office
3 of the official designated under subsection (b) of sec-
4 tion 238 of the John S. McCain National Defense Au-
5 thorization Act for Fiscal Year 2019 (Public Law
6 115–232; 10 U.S.C. note prec. 4061)”;

7 (2) by striking paragraph (2); and

8 (3) by redesignating paragraphs (3) and (4) as
9 paragraphs (2) and (3), respectively.

10 (i) ACQUISITION AUTHORITY OF THE DIRECTOR OF
11 THE JOINT ARTIFICIAL INTELLIGENCE CENTER.—Section
12 808 the William M. (Mac) Thornberry National Defense
13 Authorization Act for Fiscal Year 2021 (Public Law 116–
14 283; 10 U.S.C. 4001 note) is amended—

15 (1) in the section heading, by striking “**THE DI-**
16 **RECTOR OF THE JOINT ARTIFICIAL INTEL-**
17 **LIGENCE CENTER**” and inserting “**THE SENIOR**
18 **OFFICIAL WITH PRINCIPAL RESPONSIBILITY**
19 **FOR ARTIFICIAL INTELLIGENCE AND MACHINE**
20 **LEARNING**”;

21 (2) in subsection (a)—

22 (A) by striking “the Director of the Joint
23 Artificial Intelligence Center” and inserting “the
24 official designated under subsection (b) of section
25 238 of the John S. McCain National Defense Au-

1 *thorization Act for Fiscal Year 2019 (Public*
2 *Law 115–232; 10 U.S.C. note prec. 4061) (re-*
3 *ferred to in this section as the ‘Official’); and*

4 *(B) by striking “the Center” and inserting*
5 *“the office of such official (referred to in this sec-*
6 *tion as the ‘Office’);*

7 *(3) in subsection (b)—*

8 *(A) in the subsection heading, by striking*
9 *“JAIC”;*

10 *(B) in paragraph (1)—*

11 *(i) in the matter preceding subpara-*
12 *graph (A),*

13 *(I) by striking “staff of the Direc-*
14 *tor” and inserting “staff of the Offi-*
15 *cial”; and*

16 *(II) by striking “the Director of*
17 *the Center” and inserting “such Offi-*
18 *cial”;*

19 *(ii) in subparagraph (A), by striking*
20 *“the Center” and inserting “the Office”;*

21 *(iii) in subparagraph (B), by striking*
22 *“the Center” and inserting “the Office”;*

23 *(iv) in subparagraph (C), by striking*
24 *“the Center” each place it appears and in-*
25 *serting “the Office”; and*

1 (v) in subparagraph (D), by striking
2 “the Center” each place it appears and in-
3 serting “the Office”;

4 (C) in paragraph (2)—

5 (i) by striking “the Center” and insert-
6 ing “the Office”; and

7 (ii) by striking “the Director” and in-
8 serting “the Official”;

9 (4) in subsection (c)(1)—

10 (A) by striking “the Center” and inserting
11 “the Office”; and

12 (B) by striking “the Director” and inserting
13 “the Official”;

14 (5) in subsection (d), by striking “the Director”
15 and inserting “the Official”;

16 (6) in subsection (e)—

17 (A) in paragraph (2)—

18 (i) in subparagraph (B), by striking
19 “Center missions” and inserting “the mis-
20 sions of the Office”; and

21 (ii) in subparagraph (D), by striking
22 “the Center” and inserting “the Office”;
23 and

24 (B) in paragraph (3), by striking “the Cen-
25 ter” and inserting “the Office”;

1 (7) in subsection (f), by striking “the Director”
2 and inserting “the Official”; and

3 (8) in subsection (g)—

4 (A) by striking paragraphs (1) and (3); and

5 (B) by redesignating paragraphs (4) and

6 (5) as paragraphs (1) and (2), respectively.

7 (j) *BIANNUAL REPORT*.—Section 260 of the National
8 Defense Authorization Act for Fiscal Year 2020 (Public
9 Law 116–92; 133 Stat. 1293) is amended—

10 (1) in the section heading, by striking “**JOINT**
11 **ARTIFICIAL INTELLIGENCE CENTER**” and insert-
12 ing “**OFFICE OF THE SENIOR OFFICIAL WITH**
13 **PRINCIPAL RESPONSIBILITY FOR ARTIFICIAL**
14 **INTELLIGENCE AND MACHINE LEARNING**”;

15 (2) in subsection (a)—

16 (A) by striking “2023” and inserting
17 “2026”; and

18 (B) by striking “the Joint Artificial Intel-
19 ligence Center (referred to in this section as the
20 ‘Center’)” and inserting “the office of the official
21 designated under subsection (b) of section 238 of
22 the John S. McCain National Defense Authoriza-
23 tion Act for Fiscal Year 2019 (Public Law 115–
24 232; 10 U.S.C. note prec. 4061) (referred to in
25 this section as the ‘Office’)”;

1 (3) in subsection (b)—

2 (A) by striking “Center” each place it ap-
3 pears and inserting “Office”;

4 (B) in paragraph (2), by striking “the Na-
5 tional Mission Initiatives, Component Mission
6 Initiatives, and any other initiatives” and in-
7 serting “any initiatives”; and

8 (C) in paragraph (7), by striking “the Cen-
9 ter’s investments in the National Mission Initia-
10 tives and Component Mission Initiatives” and
11 inserting “the Office’s investments in its initia-
12 tives and other activities”; and

13 (4) by striking subsection (c).

14 (k) *REPORTING RESPONSIBILITY*.—Section 903(b) of
15 the National Defense Authorization Act for Fiscal Year
16 2020 (Public Law 116–92; 10 U.S.C. 2223 note) is amend-
17 ed—

18 (1) by striking paragraph (3); and

19 (2) by redesignating paragraph (4) as para-
20 graph (3).

21 (l) *REFERENCES IN EXISTING LAW*.—Any reference in
22 any law, regulation, guidance, instruction, or other docu-
23 ment of the Federal Government to the Director of the Joint
24 Artificial Intelligence Center of the Department of Defense
25 or to the Joint Artificial Intelligence Center shall be deemed

1 *to refer to the official designated under section 238(b) of*
2 *the John S. McCain National Defense Authorization Act for*
3 *Fiscal Year 2019 (Public Law 115–232; 10 U.S.C. note*
4 *prec. 4061) or the office of such official, as the case may*
5 *be.*

6 **SEC. 212. ROLE OF THE CHIEF DIGITAL AND ARTIFICIAL IN-**
7 **TELLIGENCE OFFICER IN FOSTERING INTER-**
8 **OPERABILITY AMONG JOINT FORCE SYSTEMS.**

9 (a) *IN GENERAL.*—*The Secretary of Defense, in con-*
10 *sultation with the Director of National Intelligence, shall*
11 *direct the Chief Digital and Artificial Intelligence Officer*
12 *of the Department of Defense to carry out the activities de-*
13 *scribed in subsection (b) in support of the Joint All Domain*
14 *Command and Control strategy and the Joint Warfighting*
15 *Concept of the Department.*

16 (b) *ACTIVITIES DESCRIBED.*—*The activities described*
17 *in this subsection are the following:*

18 (1) *To solicit feedback from the combatant com-*
19 *mands and the Joint Staff to identify operational*
20 *challenges that—*

21 (A) *are attributable to a lack of interoper-*
22 *ability between the warfighting systems and*
23 *other technology, including software and data, of*
24 *such commands and the Joint Staff; and*

1 (B) could potentially be resolved using mis-
2 sion integration software, including software de-
3 signed to integrate heterogeneous systems across
4 domains without upgrading hardware or chang-
5 ing existing system software.

6 (2) From amounts made available to carry out
7 this section, to allocate funds to entities in the com-
8 batant commands and the Joint Staff to address such
9 operational challenges through—

10 (A) the development, procurement, or field-
11 ing of mission integration software; and

12 (B) the development and implementation of
13 related tactics, techniques, and procedures to in-
14 tegrate systems to increase interoperability.

15 (3) To identify, acquire, and field existing mis-
16 sion integration capabilities and enhance ongoing re-
17 search and development.

18 (4) To support exercises, experimentation, and
19 demonstrations to highlight and refine mission inte-
20 gration software and address associated interoper-
21 ability challenges.

22 (5) To assist in fielding mission integration soft-
23 ware by the military departments to encourage the
24 development and employment of such software on a
25 larger scale.

1 (c) *BRIEFING.*—Not later than 180 days after the date
2 of the enactment of this Act, the Secretary of Defense shall
3 provide to the Committee on Armed Services of the House
4 of Representatives a briefing on the progress of the Chief
5 Digital and Artificial Intelligence Officer in carrying out
6 the activities described in subsection (b)).

7 (d) *REPORTS.*—On a biannual basis during the period
8 of three years following the date of the briefing under sub-
9 section (c), the Secretary of Defense shall submit to the con-
10 gressional defense committees a report that includes, with
11 respect to the period of six months preceding the date of
12 the report, the following:

13 (1) A description of any operational challenges
14 that were identified under subsection (b)(1).

15 (2) Of those operational challenges—

16 (A) identification of the challenges the Chief
17 Digital and Artificial Intelligence Officer ad-
18 dressed through the allocation of funds under
19 subsection (b)(2); and

20 (B) an explanation of whether and to what
21 extent activities carried out with such funds re-
22 duced interoperability challenges.

23 (3) Identification of any mission integration
24 software procured, developed, or fielded by the Armed
25 Forces or the combatant commands.

1 (4) *A description of any exercises, experimen-*
2 *tation, and demonstrations performed.*

3 (e) *DEFINITIONS.—In this section:*

4 (1) *The term “Chief Digital and Artificial Intel-*
5 *ligence Officer” means the official designated under*
6 *subsection (b) of section 238 of the John S. McCain*
7 *National Defense Authorization Act for Fiscal Year*
8 *2019 (Public Law 115–232; 10 U.S.C. note prec.*
9 *4061).*

10 (2) *The term “mission integration software”*
11 *means software that supports military operations by*
12 *creating interoperability between systems, tools, and*
13 *applications, including weapons, platforms, intel-*
14 *ligence, surveillance, and reconnaissance systems, in-*
15 *telligence fusion systems, tasking systems, tactical*
16 *data links, cyberspace and electronic warfare systems,*
17 *communications systems, command and control sys-*
18 *tems, common operating pictures, and commanders’*
19 *decision aids.*

20 **SEC. 213. MODIFICATION OF DEFENSE LABORATORY MOD-**
21 **ERNIZATION PILOT PROGRAM.**

22 *Section 2803 of the National Defense Authorization*
23 *Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C.*
24 *note prec. 4121) is amended—*

1 (1) *in subsection (e), by striking “\$150,000,000”*
2 *and inserting “\$300,000,000”;*

3 (2) *in subsection (f)(2), by striking “\$1,000,000”*
4 *and inserting “\$4,000,000”; and*

5 (3) *in subsection (g), by striking “October 1,*
6 *2025” and inserting “October 1, 2030”.*

7 **SEC. 214. SUPPORT FOR RESEARCH AND DEVELOPMENT OF**
8 **BIOINDUSTRIAL MANUFACTURING PROC-**
9 **ESSES.**

10 (a) *AUTHORIZATION.*—*Subject to the availability of*
11 *appropriations, the Secretary of Defense shall provide sup-*
12 *port to manufacturing innovation institutes for the research*
13 *and development of innovative bioindustrial manufacturing*
14 *processes and the development of a network of bioindustrial*
15 *manufacturing facilities to improve the ability of the indus-*
16 *trial base to use such processes for the production of chemi-*
17 *icals, materials, and other products necessary to support na-*
18 *tional security or secure fragile supply chains.*

19 (b) *FORM OF SUPPORT.*—*The support provided under*
20 *subsection (a) may consist of—*

21 (1) *the establishment of one or more manufac-*
22 *turing innovation institutes specializing in the re-*
23 *search and development of bioindustrial manufac-*
24 *turing processes;*

1 (2) *providing funding to one or more existing*
2 *manufacturing innovation institutes—*

3 (A) *to support the research and development*
4 *of bioindustrial manufacturing processes; or*

5 (B) *to otherwise expand the bioindustrial*
6 *manufacturing capabilities of such institutes;*

7 (3) *the establishment of dedicated facilities with-*
8 *in one or more manufacturing innovation institutes*
9 *to serve as regional hubs for the research, develop-*
10 *ment, and the scaling of bioindustrial manufacturing*
11 *processes and products to higher levels of production;*
12 *or*

13 (4) *designating a manufacturing innovation in-*
14 *stitute to serve as the lead entity responsible for inte-*
15 *grating a network of pilot and intermediate scale bio-*
16 *industrial manufacturing facilities.*

17 (c) *ACTIVITIES.—A manufacturing innovation insti-*
18 *tute that receives support under subsection (a) shall carry*
19 *out activities relating to the research, development, test, and*
20 *evaluation of innovative bioindustrial manufacturing proc-*
21 *esses and the scaling of bioindustrial manufacturing prod-*
22 *ucts to higher levels of production, which may include—*

23 (1) *research on the use of bioindustrial manufac-*
24 *turing to create materials such as polymers, coatings,*

1 *resins, commodity chemicals, and other materials*
2 *with fragile supply chains;*

3 (2) *demonstration projects to evaluate bioindus-*
4 *trial manufacturing processes and technologies;*

5 (3) *activities to scale bioindustrial manufac-*
6 *turing processes and products to higher levels of pro-*
7 *duction;*

8 (4) *strategic planning for infrastructure and*
9 *equipment investments for bioindustrial manufac-*
10 *turing of defense-related materials;*

11 (5) *analyses of bioindustrial manufactured prod-*
12 *ucts and validation of the application of biological*
13 *material used as input to new and existing processes*
14 *to aid in future investment strategies and the security*
15 *of critical supply chains;*

16 (6) *the selection, construction, and operation of*
17 *pilot and intermediate scale bioindustrial manufac-*
18 *turing facilities;*

19 (7) *development and management of a network*
20 *of facilities to scale production of bioindustrial prod-*
21 *ucts;*

22 (8) *activities to address workforce needs in bio-*
23 *industrial manufacturing;*

24 (9) *establishing an interoperable, secure, digital*
25 *infrastructure for collaborative data exchange across*

1 *entities in the bioindustrial manufacturing commu-*
2 *nity, including government agencies, industry, and*
3 *academia;*

4 *(10) developing and implementing digital tools,*
5 *process security and assurance capabilities, cybersecu-*
6 *rity protocols, and best practices for data storage,*
7 *sharing and analysis; and*

8 *(11) such other activities as the Secretary of De-*
9 *fense determines appropriate.*

10 *(d) CONSIDERATIONS.—In determining the number,*
11 *type, and location of manufacturing innovation institutes*
12 *or facilities to support under subsection (a), the Secretary*
13 *of Defense shall consider—*

14 *(1) how the institutes or facilities may com-*
15 *plement each other by functioning as a together as a*
16 *network;*

17 *(2) how to geographically distribute support to*
18 *such institutes or facilities—*

19 *(A) to maximize access to biological mate-*
20 *rial needed as an input to bioindustrial manu-*
21 *facturing processes;*

22 *(B) to leverage available industrial and*
23 *academic expertise;*

1 (C) to leverage relevant domestic infrastruc-
2 ture required to secure supply chains for chemi-
3 cals and other materials; and

4 (D) to complement the capabilities of other
5 manufacturing innovation institutes and similar
6 facilities; and

7 (3) how the activities supported under this sec-
8 tion can be coordinated with relevant activities of
9 other departments and agencies of the Federal Gov-
10 ernment.

11 (e) *PLAN REQUIRED.*—

12 (1) *IN GENERAL.*—Not later than 180 days after
13 the date of the enactment of this Act, the Secretary of
14 Defense shall submit to the appropriate congressional
15 committees and the National Security Commission on
16 Emerging Biotechnology a plan for the implementa-
17 tion of this section that includes—

18 (A) a description of types, relative sizes,
19 and locations of the manufacturing innovation
20 institutes or facilities the Secretary intends to es-
21 tablish or support under this section;

22 (B) a general description of the focus of
23 each institute or facility, including the types of
24 bioindustrial manufacturing equipment, if any,

1 that are expected to be procured for each such in-
2 stitute or facility;

3 (C) a general description of how the insti-
4 tutes and facilities will work as a network to
5 maximize the diversity of bioindustrial products
6 available to be produced by the network;

7 (D) an explanation of how the network will
8 support the establishment and maintenance of
9 the bioindustrial manufacturing industrial base;
10 and

11 (E) an explanation of how the Secretary in-
12 tends to ensure that bioindustrial manufacturing
13 activities conducted under this section are mod-
14 ernized digitally, including through—

15 (i) the use of a data automation to
16 represent processes and products as models
17 and simulations; and

18 (ii) the implementation of measures to
19 address cybersecurity and process assurance
20 concerns.

21 (2) *BRIEFINGS*.—Not later than 180 days after
22 the date of the submittal of the plan under paragraph
23 (1), and biannually thereafter for five years, the Sec-
24 retary of Defense shall provide to the appropriate con-

1 *gressional committees a briefing on the progress to-*
2 *ward the implementation of the plan.*

3 *(f) DEFINITIONS.—In this section:*

4 *(1) The term “appropriate congressional com-*
5 *mittees” means—*

6 *(A) the congressional defense committees;*

7 *(B) the Committee on Agriculture, Nutri-*
8 *tion, and Forestry and the Committee on Com-*
9 *merce, Science, and Transportation of the Sen-*
10 *ate; and*

11 *(C) the Committee on Agriculture and the*
12 *Committee on Science, Space, and Technology of*
13 *the House of Representatives.*

14 *(2) The term “bioindustrial manufacturing”*
15 *means the use of living organisms, cells, tissues, en-*
16 *zymes, or cell-free systems to produce materials and*
17 *products for non-pharmaceutical applications.*

18 *(3) The term “manufacturing innovation insti-*
19 *tute” means a Manufacturing USA institute (as de-*
20 *scribed in section 34(d) of the National Institute of*
21 *Standards and Technology Act (15 U.S.C. 278s(d))*
22 *that is funded by the Department of Defense.*

1 **SEC. 215. ACTIVITIES TO SUPPORT THE USE OF METAL AD-**
2 **DITIVE MANUFACTURING FOR THE SUB-**
3 **SURFACE FLEET OF THE NAVY.**

4 (a) *IN GENERAL.*—*The Secretary of the Navy shall*
5 *carry out activities to support—*

6 (1) *the development of additive manufacturing*
7 *processes for the production of metal components and*
8 *other metal-based materials for the subsurface fleet of*
9 *the Navy;*

10 (2) *the testing, evaluation, and qualification of*
11 *such processes, components, and materials; and*

12 (3) *the use of such processes, components, and*
13 *materials to meet requirements and milestones appli-*
14 *cable to the subsurface fleet of the Navy.*

15 (b) *FUNDING.*—*From amounts authorized to be appro-*
16 *priated by this Act for shipbuilding concept advance design*
17 *(PE 0603563N), as reflected in division D of this Act, the*
18 *Secretary of the Navy is authorized to use up to \$5,000,0000*
19 *to carry out the activities required under subsection (a).*

20 **SEC. 216. DIGITAL MISSION OPERATIONS PLATFORM FOR**
21 **THE SPACE FORCE.**

22 *The Secretary of the Air Force is authorized to enter*
23 *into one or more contracts for the procurement of a digital*
24 *mission operations platform for the Space Force that—*

1 (1) *is capable of providing systems operators*
2 *with the ability to analyze system performance in a*
3 *simulated mission environment; and*

4 (2) *enables collaboration among such operators*
5 *in a integrated, physics-based environment.*

6 **SEC. 217. AIR-BREATHING TEST CAPACITY UPGRADE TO**
7 **SUPPORT CRITICAL HYPERSONIC WEAPONS**
8 **DEVELOPMENT.**

9 *The Secretary of the Air Force shall carry out activi-*
10 *ties to upgrade the air breathing test facilities of the De-*
11 *partment of the Air Force to support critical hypersonic*
12 *weapons development. The Secretary shall seek to complete*
13 *any upgrade made under this section, subject to availability*
14 *of funds for such upgrade, not later than 24 months after*
15 *the upgrade is commenced.*

16 **SEC. 218. INFORMATION ON USE OF COMMERCIAL SOFT-**
17 **WARE FOR THE WARFIGHTER MACHINE**
18 **INTERFACE OF THE ARMY.**

19 (a) *CERTIFICATION REQUIRED.—Not later than 60*
20 *days after the date of the enactment of this Act, the Sec-*
21 *retary of the Army shall certify to the congressional defense*
22 *committees that the procurement process for increments of*
23 *the warfighter machine interface procured after the date of*
24 *the enactment of this Act will be carried out in accordance*
25 *with section 3453 of title 10, United States Code.*

1 **(b) MARKET RESEARCH AND REPORT.**—

2 **(1) MARKET RESEARCH.**—*The Secretary of the*
3 *Army shall conduct market research to identify com-*
4 *mercially available software to determine whether*
5 *such software has the potential to fulfill the applicable*
6 *requirements of the warfighter machine interface pro-*
7 *gram of the Army.*

8 **(2) REPORT.**—*Not later than 30 days after the*
9 *conclusion of the market research required under*
10 *paragraph (1), the Secretary of the Army shall sub-*
11 *mit to the congressional defense committees a report*
12 *on the on the results of the research, including a list*
13 *of any commercial software identified as part of the*
14 *research.*

15 **SEC. 219. MEASURES TO INCREASE THE CAPACITY OF HIS-**
16 **TORICALLY BLACK COLLEGES AND UNIVER-**
17 **SITIES AND OTHER MINORITY-SERVING IN-**
18 **STITUTIONS TO ACHIEVE VERY HIGH RE-**
19 **SEARCH ACTIVITY STATUS.**

20 **(a) PURPOSE.**—*The purpose of the program estab-*
21 *lished under this section is to provide additional pathways*
22 *needed for further increasing capacity at historically Black*
23 *colleges and universities and other minority-serving institu-*
24 *tions to achieve and maintain very high research activity*
25 *status.*

1 **(b) PROGRAM TO INCREASE CAPACITY TOWARD**
2 **ACHIEVING VERY HIGH RESEARCH ACTIVITY STATUS.—**

3 **(1) PROGRAM.—**

4 **(A) IN GENERAL.—***The Secretary shall es-*
5 *tablish and carry out, using funds made avail-*
6 *able for research activities, a pilot program to*
7 *increase capacity at high research activity status*
8 *historically Black colleges and universities and*
9 *other minority-serving institutions toward*
10 *achieving very high research activity status dur-*
11 *ing the grant period.*

12 **(B) RECOMMENDATIONS.—***In establishing*
13 *such program, the Secretary may consider the*
14 *recommendations pursuant to section 262 of the*
15 *National Defense Authorization Act for Fiscal*
16 *Year 2020 (Public Law 116–92; 10 U.S.C. 4144*
17 *note) and section 220 of the National Defense*
18 *Authorization Act for Fiscal Year 2022 (Public*
19 *Law 117–81; 135 Stat. 1597).*

20 **(2) GRANTS AUTHORIZED.—***The Secretary shall*
21 *award, on a competitive basis, grants to eligible insti-*
22 *tutions to carry out the activities under paragraph*
23 *(4)(A).*

24 **(3) APPLICATION.—***An eligible institution seek-*
25 *ing a grant under this section shall submit an appli-*

1 *cation to the Secretary at such time, in such manner,*
2 *and containing such information and assurances as*
3 *the Secretary may require, including a description*
4 *of—*

5 *(A) nascent research capabilities with re-*
6 *spect to research areas of interest to the Depart-*
7 *ment of Defense;*

8 *(B) a plan for increasing the level of re-*
9 *search activity toward achieving very high re-*
10 *search activity status classification during the*
11 *grant period, including measurable milestones*
12 *such as growth in very high research activity*
13 *status indicators and other relevant factors;*

14 *(C) how such institution will sustain the in-*
15 *creased level of research activity after the conclu-*
16 *sion of the grant period; and*

17 *(D) how the institution will evaluate and*
18 *assess progress with respect to the implementa-*
19 *tion of the plan under subparagraph (B).*

20 *(4) PROGRAM COMPONENTS.—*

21 *(A) USE OF FUNDS.—An eligible institution*
22 *that receives a grant under this section shall use*
23 *the grant funds to support research activities*
24 *with respect to research areas for STEM and*

1 *critical technologies, as determined by the Sec-*
2 *retary under subparagraph (B), including—*

3 *(i) faculty professional development;*

4 *(ii) stipends for undergraduate and*
5 *graduate students and post-doctoral schol-*
6 *ars;*

7 *(iii) laboratory equipment and instru-*
8 *mentation;*

9 *(iv) recruitment and retention of fac-*
10 *ulty and graduate students;*

11 *(v) communication and dissemination*
12 *of products produced during the grant pe-*
13 *riod;*

14 *(vi) construction, modernization, reha-*
15 *ilitation, or retrofitting of facilities for re-*
16 *search purposes; and*

17 *(vii) other activities necessary to build*
18 *capacity in achieving very high research ac-*
19 *tivity status indicators.*

20 *(B) STRATEGIC AREAS OF SCIENTIFIC RE-*
21 *SEARCH.—The Secretary, in consultation with*
22 *the Defense Science Board, shall establish and*
23 *update, on an annual basis, a list of research*
24 *areas for STEM and critical technologies.*

25 *(C) RESEARCH PROGRESS REPORTING.—*

1 (i) *IN GENERAL.*—Not later than 3
2 years after receiving a grant under this sec-
3 tion, and every 3 years thereafter, an eligi-
4 ble institution shall submit to the Sec-
5 retary—

6 (I) a report that includes an as-
7 sessment by the institution, using the
8 criteria established in clause (ii), of the
9 progress made by such institution with
10 respect to achieving very high research
11 activity indicators; and

12 (II) an updated plan described in
13 paragraph (3)(B).

14 (ii) *RESEARCH ASSESSMENT.*—The
15 Secretary, in partnership with the eligible
16 institution, shall establish criteria for the
17 report required under clause (i)(I).

18 (D) *GRANT PERIOD.*—A grant awarded
19 under this section shall be for a period of not
20 more than 10 years, to be determined by the Sec-
21 retary.

22 (E) *EXPANSION OF ELIGIBILITY.*—The Sec-
23 retary may award grants under this section to
24 historically Black colleges and universities and
25 other minority-serving institutions that are not

1 *eligible institutions if the Secretary determines*
2 *that the program can support such colleges, uni-*
3 *versities, and institutions while achieving the*
4 *purpose of the program described in subsection*
5 *(a).*

6 (5) *EVALUATION.*—*Not later than 5 years after*
7 *the date of the enactment of this Act, the Secretary*
8 *shall prepare and submit a report to the Committees*
9 *on Armed Services of the Senate and the House of*
10 *Representatives providing an update on the pilot pro-*
11 *gram, including—*

12 (A) *activities carried out under the pilot*
13 *program;*

14 (B) *an analysis of the growth in very high*
15 *research activity status indicators of eligible in-*
16 *stitutions that received a grant under this sec-*
17 *tion; and*

18 (C) *emerging research areas of interest to*
19 *the Department of Defense conducted by eligible*
20 *institutions that received a grant under this sec-*
21 *tion.*

22 (6) *TERMINATION.*—*The authority of the Sec-*
23 *retary to award grants under the pilot program es-*
24 *ablished by this section shall terminate 10 years after*

1 *the date on which the Secretary establishes such pro-*
2 *gram.*

3 (7) *REPORT TO CONGRESS.*—*Not later than 180*
4 *days after the termination of the pilot program under*
5 *paragraph (6), the Secretary shall prepare and sub-*
6 *mit a report to the Committees on Armed Services of*
7 *the Senate and the House of Representatives on the*
8 *pilot program that includes the following:*

9 (A) *An analysis of the growth in very high*
10 *research activity status indicators of eligible in-*
11 *stitutions that received a grant under this sec-*
12 *tion.*

13 (B) *An evaluation on the effectiveness of the*
14 *program in increasing the research capacity of*
15 *eligible institutions that received a grant under*
16 *this section.*

17 (C) *An description of how institutions that*
18 *have achieved very high research activity status*
19 *plan to sustain that status beyond the duration*
20 *of the program.*

21 (D) *An evaluation of the maintenance of*
22 *very high research status by eligible institutions*
23 *that received a grant under this section.*

24 (E) *An evaluation of the effectiveness of the*
25 *program in increasing the diversity of students*

1 *conducting high quality research in unique*
2 *areas.*

3 *(F) Recommendations with respect to fur-*
4 *ther activities and investments necessary to ele-*
5 *vate the research status of historically Black col-*
6 *leges and universities and other minority-serving*
7 *institutions.*

8 *(G) Recommendations on whether the pro-*
9 *gram established under this section should be re-*
10 *newed or expanded.*

11 *(c) DEFINITIONS.—In this section:*

12 *(1) The term “eligible institution” means a his-*
13 *torically Black college or university or other minor-*
14 *ity-serving institution that is classified as a high re-*
15 *search activity status institution at the time of appli-*
16 *cation for a grant under subsection (b).*

17 *(2) The term “high research activity status”*
18 *means R2 status, as classified by the Carnegie Classi-*
19 *fication of Institutions of Higher Education.*

20 *(3) The term “historically Black college or uni-*
21 *versity” has the meaning given the term “part B in-*
22 *stitution” under section 322 of the Higher Education*
23 *Act of 1965 (20 U.S.C. 1061).*

24 *(4) The term “other minority-serving institu-*
25 *tion” means an institution of higher education speci-*

1 *fied in paragraphs (2) through (7) of section 371(a)*
2 *of the Higher Education Act of 1965 (20 U.S.C.*
3 *1067q(a)).*

4 (5) *The term “Secretary” means the Secretary of*
5 *Defense.*

6 (6) *The term “very high research activity status”*
7 *means R1 status, as classified by the Carnegie Classi-*
8 *fication of Institutions of Higher Education.*

9 (7) *The term “very high research activity status*
10 *indicators” means the categories used by the Carnegie*
11 *Classification of Institutions of Higher Education to*
12 *delineate which institutions have very high activity*
13 *status, including—*

14 (A) *annual expenditures in science and en-*
15 *gineering;*

16 (B) *per-capita (faculty member) expendi-*
17 *tures in science and engineering;*

18 (C) *annual expenditures in non-science and*
19 *engineering fields;*

20 (D) *per-capita (faculty member) expendi-*
21 *tures in non-science and engineering fields;*

22 (E) *doctorates awarded in science, tech-*
23 *nology, engineering, and mathematics fields;*

24 (F) *doctorates awarded in social science*
25 *fields;*

1 (G) doctorates awarded in the humanities;

2 (H) doctorates awarded in other fields with
3 a research emphasis;

4 (I) total number of research staff including
5 postdoctoral researchers;

6 (J) other doctorate-holding non-faculty re-
7 searchers in science and engineering and per-
8 capita (faculty) number of doctorate-level re-
9 search staff including post-doctoral researchers;
10 and

11 (K) other categories utilized to determine
12 classification.

13 **SEC. 220. PILOT PROGRAM TO SUPPORT THE DEVELOP-**
14 **MENT OF PATENTABLE INVENTIONS IN THE**
15 **DEPARTMENT OF THE NAVY.**

16 (a) *IN GENERAL.*—Beginning not later than 120 days
17 after the date of the enactment of this Act, the Secretary
18 of the Navy shall carry out a pilot program to expand the
19 support available to covered personnel who seek to engage
20 in the development of patentable inventions that—

21 (1) have applicability to the job-related functions
22 of such personnel; and

23 (2) may have applicability in the civilian sector.

24 (b) *ACTIVITIES.*—As part of the pilot program under
25 subsection (a), the Secretary of the Navy shall—

1 (1) *expand outreach to covered personnel regard-*
2 *ing the availability of patent-related training, legal*
3 *assistance, and other support for personnel interested*
4 *in developing patentable inventions;*

5 (2) *expand the availability of patent-related*
6 *training to covered personnel, including by making*
7 *such training available online;*

8 (3) *clarify and issue guidance detailing how cov-*
9 *ered personnel, including personnel outside of the lab-*
10 *oratories and other research organizations of the De-*
11 *partment of the Navy, may—*

12 (A) *seek and receive support for the develop-*
13 *ment of patentable inventions; and*

14 (B) *receive a portion of any royalty or*
15 *other payment as an inventor or coinventor such*
16 *as may be due under section 14(a)(1)(A)(i) of the*
17 *Stevenson-Wylder Technology Innovation Act of*
18 *1980 (15 U.S.C. 3710c(a)(1)(A)(i)); and*

19 (4) *carry out other such activities as the Sec-*
20 *retary determines appropriate in accordance with the*
21 *purposes of the pilot program.*

22 (c) *TERMINATION.—The authority to carry out the*
23 *pilot program under subsection (a) shall terminate three*
24 *years after the date of the enactment of this Act.*

25 (d) *DEFINITIONS.—In this section:*

1 (1) *The term “covered personnel” means mem-*
2 *bers of the Navy and Marine Corps and civilian em-*
3 *ployees of the Department of the Navy, including*
4 *members and employees whose primary duties do not*
5 *involve research and development.*

6 (2) *The term “patentable invention” means an*
7 *invention that is patentable under title 35, United*
8 *States Code.*

9 **SEC. 221. PILOT PROGRAM TO FACILITATE THE RESEARCH,**
10 **DEVELOPMENT, AND PRODUCTION OF AD-**
11 **VANCED BATTERY TECHNOLOGIES FOR**
12 **WARFIGHTERS.**

13 (a) *ESTABLISHMENT.—The Secretary of Defense shall*
14 *carry out a pilot program to be known as the “American*
15 *Sustainable Battery Production Technologies Program”*
16 *(referred to in this section as the “Program”). Under the*
17 *Program, the Secretary shall seek to award assistance to*
18 *eligible entities to facilitate the research, development, and*
19 *production of electric battery technologies that may be use-*
20 *ful for defense-related purposes.*

21 (b) *COORDINATION WITH RELATED PROGRAMS.—The*
22 *Secretary of Defense shall ensure that activities under the*
23 *Program are coordinated with—*

1 (1) *the Strategic Environmental Research and*
2 *Development Program under section 2901 of title 10,*
3 *United States Code; and*

4 (2) *the Department of Energy.*

5 (c) *PROGRAM ACTIVITIES.—Under the Program, the*
6 *Secretary of Defense shall seek to award assistance to eligi-*
7 *ble entities—*

8 (1) *to conduct research and development into*
9 *electric battery technologies and any associated man-*
10 *ufacturing and production needs;*

11 (2) *to expand the battery recycling capabilities*
12 *of the Department of Defense;*

13 (3) *to reduce the reliance of the Department of*
14 *Defense on foreign competitors for critical materials*
15 *and technologies, including rare earth materials; and*

16 (4) *to transition battery technologies, including*
17 *technologies developed from other pilot programs, pro-*
18 *TOTYPE projects, or other research and development*
19 *programs, from the prototyping phase to production.*

20 (d) *FORM OF ASSISTANCE.—Assistance awarded to an*
21 *eligible entity under the Program may consist of a grant,*
22 *a contract, a cooperative agreement, other transaction, or*
23 *such other form of assistance as the Secretary of Defense*
24 *considers appropriate.*

1 (e) *PRIORITY CONSIDERATION.*—*In awarding assist-*
2 *ance to eligible entities under the Program, the Secretary*
3 *of Defense shall give priority to entities that—*

4 (1) *are located in and operate in the United*
5 *States, including any manufacturing operations;*

6 (2) *are owned by a United States entity; and*

7 (3) *deploy North American-owned intellectual*
8 *property and content.*

9 (f) *DATA COLLECTION.*—*The Secretary of Defense shall*
10 *collect and analyze data on the Program for the purposes*
11 *of—*

12 (1) *developing and sharing best practices for*
13 *achieving the objectives of the Program;*

14 (2) *providing information to the Secretary on*
15 *the implementation of the Program, and related pol-*
16 *icy issues; and*

17 (3) *reporting to the congressional defense com-*
18 *mittees in accordance with subsection (h).*

19 (g) *TERMINATION.*—*The Program shall terminate on*
20 *the date that is six years after the date of the enactment*
21 *of this Act.*

22 (h) *REPORTS.*—

23 (1) *ANNUAL REPORTS.*—*Not later than one year*
24 *after the date of the enactment of this Act and annu-*
25 *ally thereafter until the date on which the Program*

1 *terminates under subsection (g), the Secretary of De-*
2 *fense shall submit to the appropriate congressional*
3 *committees a report on the use of funds under the*
4 *Program. Each report shall include the following:*

5 *(A) An explanation of whether and to what*
6 *extent the assistance awarded to eligible entities*
7 *under the Program met mission requirements*
8 *during the period covered by the report, includ-*
9 *ing—*

10 *(i) the value of the assistance awarded,*
11 *including the value of each grant, contract,*
12 *cooperative agreement, other transaction, or*
13 *other form of assistance; and*

14 *(ii) a description of the research, tech-*
15 *nology, or capabilities funded with such as-*
16 *sistance.*

17 *(B) A description of any research, tech-*
18 *nology, or capabilities being tested under the*
19 *Program as of the date of the report together*
20 *with an explanation of how the Secretary has*
21 *applied, or expects to apply, such research, tech-*
22 *nology, or capabilities within the Department of*
23 *Defense.*

24 *(2) FINAL REPORT.—Not later than one year*
25 *after the date on which the Program terminates under*

1 subsection (g), the Secretary of Defense shall submit
2 to the appropriate congressional committees a final
3 report on the results of the Program. Such report
4 shall include—

5 (A) a summary of the objectives achieved by
6 the Program; and

7 (B) recommendations regarding the steps
8 that may be taken to promote battery tech-
9 nologies that are not dependent on foreign com-
10 petitors to meet the needs of the Armed Forces.

11 (i) *DEFINITIONS.*—In this section:

12 (1) The term “appropriate congressional com-
13 mittees” means—

14 (A) the congressional defense committees;

15 (B) the Committee on Energy and Com-
16 merce and the Committee on Science, Space, and
17 Technology of the House of Representatives; and

18 (C) the Committee on Energy and Natural
19 Resources and the Committee on Commerce,
20 Science, and Transportation of the Senate.

21 (2) The term “eligible entity” means a battery
22 producer or other entity involved in the battery pro-
23 duction supply chain.

1 **SEC. 222. PILOT PROGRAM ON RESEARCH AND DEVELOP-**
2 **MENT OF PLANT-BASED PROTEIN FOR THE**
3 **NAVY.**

4 (a) *ESTABLISHMENT.*—Not later than March 1, 2023,
5 the Secretary of the Navy shall establish and carry out a
6 pilot program to offer plant-based protein options at for-
7 ward operating bases for consumption by members of the
8 Navy.

9 (b) *LOCATIONS.*—Not later than March 1, 2023, the
10 Secretary shall identify not fewer than two naval facilities
11 to participate in the pilot program and shall prioritize fa-
12 cilities (such as Joint Region Marianas, Guam, Navy Sup-
13 port Facility, Diego Garcia, and U.S. Fleet Activities
14 Sasebo, Japan) where livestock-based protein options may
15 be costly to obtain or store.

16 (c) *AUTHORITIES.*—In establishing and carrying out
17 the pilot program under subsection (a), the Secretary of the
18 Navy may use the following authorities:

19 (1) *The authority to carry out research and de-*
20 *velopment projects under section 4001 of title 10,*
21 *United States Code.*

22 (2) *The authority to enter into transactions other*
23 *than contracts and grants under section 4021 of such*
24 *title.*

1 (3) *The authority to enter into cooperative re-*
2 *search and development agreements under section*
3 *4026 of such title.*

4 (d) *RULE OF CONSTRUCTION.—Nothing in this Act*
5 *shall be construed to prevent offering livestock-based protein*
6 *options alongside plant-based protein options at naval fa-*
7 *cilities identified under subsection (b).*

8 (e) *TERMINATION.—The requirement to carry out the*
9 *pilot program established under this section shall terminate*
10 *three years after the date on which the Secretary establishes*
11 *the pilot program required under this section.*

12 (f) *REPORT.—Not later than one year after the termi-*
13 *nation of the pilot program, the Secretary shall submit to*
14 *the appropriate congressional committees a report on the*
15 *pilot program that includes the following:*

16 (1) *The consumption rate of plant-based protein*
17 *options by members of the Navy under the pilot pro-*
18 *gram.*

19 (2) *Effective criteria to increase plant-based pro-*
20 *tein options at naval facilities not identified under*
21 *subsection (b).*

22 (3) *An analysis of the costs of obtaining and*
23 *storing plant-based protein options compared to the*
24 *costs of obtaining and storing livestock-based protein*
25 *options at selected naval facilities.*

1 (g) *DEFINITIONS.—In this section:*

2 (1) *APPROPRIATE CONGRESSIONAL COMMIT-*
3 *TEES.—The term “appropriate congressional commit-*
4 *tees” means—*

5 (A) *the Committee on Armed Services of the*
6 *House of Representatives; and*

7 (B) *the Committee on Armed Forces of the*
8 *Senate.*

9 (2) *PLANT-BASED PROTEIN OPTIONS.—The term*
10 *“plant-based protein options” means edible vegan or*
11 *vegetarian meat alternative products made using*
12 *plant and other non-livestock-based proteins.*

13 ***Subtitle C—Plans, Reports, and***
14 ***Other Matters***

15 ***SEC. 231. MODIFICATION OF NATIONAL SECURITY STRAT-***
16 ***EGY FOR NATIONAL TECHNOLOGY AND IN-***
17 ***DUSTRIAL BASE.***

18 *Section 4811(a) of title 10, United States Code, is*
19 *amended by adding at the end the following new paragraph:*

20 “(12) *Providing for the research and develop-*
21 *ment of sustainable and secure food sources, including*
22 *food innovation and alternative protein development,*
23 *in consultation with the Secretary of Agriculture.”.*

1 **SEC. 232. DEFENSE ADVANCED RESEARCH PROJECTS AGEN-**
2 **CY INNOVATION FELLOWSHIP PROGRAM.**

3 (a) *IN GENERAL.*—*The Director of the Defense Ad-*
4 *vanced Research Projects Agency shall develop a plan for*
5 *the establishment of a fellowship program (to be known as*
6 *the “Innovation Fellowship Program”)* *to expand opportu-*
7 *nities for early career scientists to participate in the pro-*
8 *grams, projects, and other activities of the Agency.*

9 (b) *ELEMENTS.*—*In developing the plan under sub-*
10 *section (a), the Director of the Defense Advanced Research*
11 *Projects Agency shall—*

12 (1) *review the programs, projects, and other ac-*
13 *tivities of the Agency that are open to participation*
14 *from early career scientists to identify opportunities*
15 *for the expansion of such participation;*

16 (2) *conduct an assessment of the potential costs*
17 *of the fellowship program described in subsection (a);*

18 (3) *establish detailed plans for the implementa-*
19 *tion of the fellowship program;*

20 (4) *define eligibility requirements for partici-*
21 *pants in the fellowship program;*

22 (5) *identify criteria for evaluating applicants to*
23 *the fellowship program; and*

24 (6) *address such other matters as the Director*
25 *determines appropriate.*

1 (c) *SUBMITTAL TO CONGRESS.*—Not later than 180
2 *days after the date of the enactment of this Act, the Director*
3 *of the Defense Advanced Research Projects Agency shall sub-*
4 *mit to the congressional defense committee a report that in-*
5 *cludes—*

6 (1) *the plan developed under subsection (a); and*
7 (2) *recommendations for expanding opportuni-*
8 *ties for early career scientists to participate in the*
9 *programs, projects, and other activities of the Agency.*

10 **SEC. 233. REPORT ON EFFORTS TO INCREASE THE PARTICI-**
11 **PATION OF HISTORICALLY BLACK COLLEGES**
12 **AND UNIVERSITIES AND OTHER MINORITY-**
13 **SERVING INSTITUTIONS IN THE RESEARCH**
14 **AND DEVELOPMENT ACTIVITIES OF THE DE-**
15 **PARTMENT OF DEFENSE.**

16 (a) *REPORT REQUIRED.*—Not later than 180 days
17 *after the date of the enactment of this Act, the Under Sec-*
18 *retary of Defense for Research and Engineering shall sub-*
19 *mit to the congressional defense committees a report on*
20 *measures that may be implemented to increase the partici-*
21 *pation of historically Black colleges and universities and*
22 *other minority-serving institutions in the research, develop-*
23 *ment, test, and evaluation activities of the Department of*
24 *Defense.*

1 (b) *ELEMENTS.*—*The report under subsection (a) shall*
2 *include the following:*

3 (1) *A strategy for the provision of long-term in-*
4 *stitutional support to historically Black colleges and*
5 *universities and other minority-serving institutions,*
6 *including support for—*

7 (A) *the development and enhancement of the*
8 *physical research infrastructure of such institu-*
9 *tions; and*

10 (B) *the research activities of such institu-*
11 *tions.*

12 (2) *An evaluation of the feasibility of expanding*
13 *the support provided by the Department of Defense to*
14 *historically Black colleges and universities and other*
15 *minority-serving institutions to include support for*
16 *the development or enhancement of grant and con-*
17 *tract administration capabilities at such institutions.*

18 (3) *An evaluation of options to strengthen sup-*
19 *port for historically Black colleges and universities*
20 *and other minority-serving institutions within the*
21 *military departments and other organizations and*
22 *elements of the Department, including an evaluation*
23 *of the need for and feasibility of establishing dedi-*
24 *cated organizations within the Army, Navy, Marine*

1 *Corps, Air Force, and Space Force to increase engage-*
2 *ment with such institutions.*

3 *(4) A review of the adequacy of the level of staff-*
4 *ing within the Department that is dedicated to en-*
5 *gagement with historically Black colleges and univer-*
6 *sities and other minority-serving institutions.*

7 *(5) A plan to improve data collection and eval-*
8 *uation with respect to historically Black colleges and*
9 *universities and other minority-serving institutions,*
10 *including—*

11 *(A) harmonization of standards with re-*
12 *spect to the type, detail, and organization of*
13 *data on such institutions;*

14 *(B) improving the completeness of data sub-*
15 *missions regarding such institutions;*

16 *(C) improving the retention of data on such*
17 *institutions across the Department;*

18 *(D) additional data collection specific to*
19 *such institutions, including data on—*

20 *(i) the rates at which such institutions*
21 *submit proposals for grants and contracts*
22 *from the Department, the success rates of*
23 *such proposals, and feedback regarding such*
24 *proposals;*

1 (ii) the total number of grants and
2 contracts for which such institutions are eli-
3 gible to apply and the number of applica-
4 tions received from such institutions for
5 such grants and contracts; and

6 (iii) formal feedback mechanisms for
7 rejected proposals from first-time applicants
8 from such institutions; and

9 (E) as necessary, promulgation of addi-
10 tional or modified regulations, instructions, or
11 guidance regarding the collection, evaluation,
12 and retention of data on such institutions.

13 (6) Identification of the types of research facili-
14 ties, personnel, capabilities, and subject areas that are
15 in-demand within the Department so that historically
16 Black colleges and universities and other minority-
17 serving institutions may prioritize investment in
18 those types of facilities, personnel, capabilities, and
19 subject areas as appropriate.

20 (7) Identification of metrics that may be used to
21 evaluate, track, and improve the competitiveness of
22 historically Black colleges and universities and other
23 minority-serving institutions for grants and contracts
24 with the Department.

1 (8) *An evaluation of options to implement cri-*
2 *teria for the award of grants and contracts that as-*
3 *sign value to the inclusion of historically Black col-*
4 *leges and universities and other minority-serving in-*
5 *stitutions as research partners, including such mecha-*
6 *nisms as weighted grant solicitation evaluation cri-*
7 *teria and longer periods of performance to allow for*
8 *capacity-building within such institutions.*

9 (9) *An evaluation of options to incentivize the*
10 *defense industry to support capacity building within*
11 *historically Black colleges and universities and other*
12 *minority-serving institutions, including through the*
13 *incentivization of independent research and develop-*
14 *ment or other activities.*

15 (10) *A plan to compile and maintain data re-*
16 *garding institutions of higher education, including*
17 *historically Black colleges and universities and other*
18 *minority-serving institutions, that receive funding*
19 *from departments and agencies of the Federal Govern-*
20 *ment outside the Department of Defense.*

21 (11) *A review of the programs and practices of*
22 *departments and agencies of the Federal Government*
23 *outside the Department of Defense relevant to increas-*
24 *ing research capacity at historically Black colleges*

1 *and universities and other minority-serving institu-*
2 *tions for purposes of—*

3 *(A) the potential adoption of best practices*
4 *within the Department;*

5 *(B) the identification of opportunities to le-*
6 *verage the research capacity of such institutions;*
7 *and*

8 *(C) increasing the level of collaboration be-*
9 *tween the Department and such institutions.*

10 *(12) Recommendations for the modification or*
11 *expansion of the workforce development programs of*
12 *the Department to increase the proportion of the*
13 *workforce hired from historically Black colleges and*
14 *universities and other minority-serving institutions.*

15 *(13) Such other recommendations as the Under*
16 *Secretary of Defense for Research and Engineering*
17 *determines appropriate.*

18 *(14) A plan for the implementation of the rec-*
19 *ommendations included in the report, as appropriate,*
20 *including an explanation of any additional funding,*
21 *authorities, or organizational changes needed for the*
22 *implementation of such recommendations.*

23 *(c) DEFINITIONS.—In this section:*

24 *(1) The term “historically Black college or uni-*
25 *versity” means a part B institution (as defined in*

1 *section 322 of the Higher Education Act of 1965 (20*
2 *U.S.C. 1061)).*

3 (2) *The term “institution of higher education”*
4 *has the meaning given that term in section 101 of the*
5 *Higher Education Act of 1932 (20 U.S.C. 1001).*

6 (3) *The term “other minority-serving institu-*
7 *tion” means an institution of higher education speci-*
8 *fied in paragraphs (2) through (7) of section 371(a)*
9 *of the Higher Education Act of 1965 (20 U.S.C.*
10 *1067q(a)).*

11 (d) *REPORT ON IMPLEMENTATION.—Not later than*
12 *180 days after the date of the submission of the report under*
13 *subsection (a), the Under Secretary of Defense for Research*
14 *and Engineering shall submit to the congressional defense*
15 *committees a report on the progress of the Under Secretary*
16 *in implementing measures to increase the participation of*
17 *historically Black colleges and universities and other mi-*
18 *nority-serving institutions in the research, development,*
19 *test, and evaluation activities of the Department of Defense,*
20 *as identified in the report under subsection (a).*

1 **SEC. 234. ASSESSMENT OF TEST INFRASTRUCTURE AND**
2 **PRIORITIES RELATED TO HYPERSONIC CAPA-**
3 **BILITIES AND RELATED TECHNOLOGIES AND**
4 **HYPERSONIC TEST STRATEGY.**

5 (a) *ASSESSMENT.*—*The Secretary of Defense shall as-*
6 *sess the capacity of the Department of Defense to test, evalu-*
7 *ate, and qualify the hypersonic capabilities and related*
8 *technologies of the Department.*

9 (b) *ELEMENTS.*—*The assessment under subsection (a)*
10 *shall include the following:*

11 (1) *An identification of facilities of other depart-*
12 *ments and agencies of the Federal Government and*
13 *academia and industry testing facilities relevant to*
14 *the capacity described in subsection (a).*

15 (2) *An analysis of the capability of each test fa-*
16 *cility to simulate various individual and coupled*
17 *hypersonic conditions to accurately simulate a real-*
18 *istic flight-like environment with all relevant aero-*
19 *thermochemical conditions.*

20 (3) *An identification of the coordination, sched-*
21 *uling, reimbursement processes, and requirements*
22 *needed for the potential use of test facilities of other*
23 *departments and agencies of the Federal Government,*
24 *as available.*

25 (4) *An analysis of the test frequency, scheduling*
26 *lead time, test cost, and capacity of each test facility*

1 *relating to testing technologies of the Department for*
2 *hypersonic flight.*

3 (5) *A review of academia, contractor-owned,*
4 *commercial ground and flight testbeds that could en-*
5 *hance efforts to test flight vehicles of the Department*
6 *in all phases of hypersonic flight, and other tech-*
7 *nologies, including sensors, communications, thermal*
8 *protective shields and materials, optical windows,*
9 *navigation, and environmental sensors.*

10 (6) *An assessment of any cost- and time-savings*
11 *that could result from using technologies identified in*
12 *the strategy under subsection (c).*

13 (c) *STRATEGY.—*

14 (1) *REQUIREMENT.—Not later than 180 days*
15 *after the date of the enactment of this Act, the Sec-*
16 *retary of Defense shall submit to the appropriate con-*
17 *gressional committees a strategy to coordinate the po-*
18 *tential use of test facilities and ranges of other de-*
19 *partments and agencies of the Federal Government, as*
20 *available, and academia, contractor-owned, commer-*
21 *cial flight and reentry test capabilities to evaluate*
22 *hypersonic technologies.*

23 (2) *ELEMENTS.—The strategy under paragraph*
24 *(1) shall—*

1 (A) be based on the assessment under sub-
2 section (a);

3 (B) address how the Secretary will coordi-
4 nate with other departments and agencies of the
5 Federal Government, including the National Aer-
6 onautics and Space Administration, to plan for
7 and schedule the potential use of other Federal
8 Government-owned test facilities and ranges, as
9 available, to evaluate the hypersonic technologies
10 of the Department of Defense;

11 (C) to the extent practicable, address in
12 what cases the Secretary can use academia, con-
13 tractor-owned, commercial flight and reentry test
14 capabilities to fill any existing testing require-
15 ment gaps to enhance and accelerate flight quali-
16 fication of critical hypersonic technologies of the
17 Department;

18 (D) identify—

19 (i) the resources needed to improve the
20 frequency and capacity for testing
21 hypersonic technologies of the Department
22 at ground-based test facilities and flight test
23 ranges;

24 (ii) the resources needed to reimburse
25 other departments and agencies of the Fed-

1 *eral Government for the use of the test fa-*
2 *ilities and ranges of those departments or*
3 *agencies to test the hypersonics technologies*
4 *of the Department;*

5 *(iii) the requirements, approval proc-*
6 *esses, and resources needed to enhance, as*
7 *appropriate, the testing capabilities and ca-*
8 *capacity of other Federal Government-owned*
9 *test facilities and flight ranges, in coordina-*
10 *tion with the heads of the relevant depart-*
11 *ments and agencies;*

12 *(iv) investments that the Secretary can*
13 *make to incorporate academia, contractor-*
14 *owned, commercial ground and flight*
15 *testbeds into the overall hypersonic test in-*
16 *frastructure of the Department of Defense;*
17 *and*

18 *(v) the environmental conditions, test-*
19 *ing sizes, and duration required for flight*
20 *qualification of both hypersonic cruise and*
21 *hypersonic boost-glide technologies of the*
22 *Department; and*

23 *(E) address all advanced or emerging tech-*
24 *nologies that could shorten timelines and reduce*

1 costs for hypersonic missile testing, including
2 with respect to—

3 (i) 3D printing of hypersonic test mis-
4 sile components including the frame, war-
5 head, and propulsion systems;

6 (ii) reusable hypersonic test beds, in-
7 cluding air-sea-and ground launched op-
8 tions;

9 (iii) additive manufacturing solutions;

10 (iv) qualified airborne B-52 alter-
11 native platforms to provide improved flight
12 schedules; and

13 (v) other relevant technologies.

14 (3) *COORDINATION.*—The Secretary shall develop
15 the strategy under paragraph (1) in coordination
16 with the Joint Hypersonic Transition Office, the Ad-
17 ministrator of the National Aeronautics and Space
18 Administration, the research labs of the military de-
19 partments, and the Defense Test Resource Manage-
20 ment Center.

21 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
22 *FINED.*—The term “appropriate congressional committees”
23 means the following:

24 (1) The congressional defense committees.

1 (2) *The Committee on Science, Space, and Tech-*
2 *nology of the House of Representatives and the Com-*
3 *mittee on Commerce, Science, and Transportation of*
4 *the Senate.*

5 **SEC. 235. INDEPENDENT REVIEW AND ASSESSMENT OF**
6 **TEST AND EVALUATION RESOURCE PLAN-**
7 **NING.**

8 (a) *REVIEW AND ASSESSMENT.*—*Not later than 60*
9 *days after the date of the enactment of this Act, the Sec-*
10 *retary of Defense shall seek to enter into an agreement with*
11 *a federally funded research and development center to con-*
12 *duct an independent review and assessment of the Strategic*
13 *Plan for Test Resources, as prepared by the Department*
14 *of Defense Test Resource Management Center.*

15 (b) *ELEMENTS.*—*The review and assessment under*
16 *subsection (a) shall include the following:*

17 (1) *An assessment of the adequacy of the 30-year*
18 *planning horizon that serves as the basis for the Stra-*
19 *tegic Plan for Test Resources.*

20 (2) *An assessment of whether and to what extent*
21 *prior forecasts of the test and evaluation needs of the*
22 *Department of Defense align with investments made*
23 *by the Department in test and evaluation resources.*

24 (3) *An identification and assessment of—*

1 (A) any shortcomings in the infrastructure,
2 personnel, and equipment of the test and evalua-
3 tion enterprise of the Department; and

4 (B) any risks that the status of such enter-
5 prise may pose with respect to the ability of the
6 Department to meet its current and future test
7 and evaluation needs.

8 (4) An assessment of whether and to what extent
9 the test and evaluation efforts of the Department suf-
10 ficiently address software-intensive, multi-domain,
11 and continuously developed capabilities.

12 (5) Such other matters as the Secretary of De-
13 fense determines appropriate.

14 (c) *REPORT REQUIRED.*—Not later than 180 days
15 after the date on which the Secretary of Defense enters into
16 an agreement with a federally funded research and develop-
17 ment center under subsection (a), the center shall submit
18 to the Secretary and the congressional defense committees
19 a report on the results of the study conducted under such
20 subsection.

21 **SEC. 236. STUDY ON COSTS ASSOCIATED WITH UNDERPER-**
22 **FORMING SOFTWARE AND INFORMATION**
23 **TECHNOLOGY.**

24 (a) *STUDY REQUIRED.*—The Secretary of Defense shall
25 seek to enter into a contract with a federally funded re-

1 *search and development center to conduct an independent*
2 *study on the impacts, and challenges associated with the*
3 *use of software and information technology, including po-*
4 *tential solutions to such challenges.*

5 *(b) ELEMENTS.—The independent study conducted*
6 *under subsection (a) shall include the following:*

7 *(1) A survey of members of the Armed Forces*
8 *under the jurisdiction of a Secretary of a military de-*
9 *partment to identify the most important software and*
10 *information technology challenges that result in lost*
11 *working hours, including an estimate of the number*
12 *and cost of lost working hours for each military de-*
13 *partment, the impact of each challenge on retention,*
14 *and the negative impact to any mission.*

15 *(2) A summary of the policy or technical chal-*
16 *lenges that limit the ability of each Secretary of a*
17 *military department to implement needed software*
18 *and information technology reforms, based on inter-*
19 *views conducted with individuals who serve as chief*
20 *information officer (or an equivalent position) in a*
21 *military department.*

22 *(3) Recommendations to address the challenges*
23 *described in paragraph (1) and improve the processes*
24 *through which the Secretary provides software and*
25 *information technology Departmentwide.*

1 (c) *REPORT REQUIRED.*—Not later than one year after
2 the date of the enactment of this Act, a federally funded
3 research and development center described in subsection (a)
4 shall submit to the Secretary of Defense and the congress-
5 sional defense committees a report on any independent
6 study conducted under this section.

7 (d) *SOFTWARE AND INFORMATION TECHNOLOGY DE-*
8 *FINED.*—In this section, the term “software and informa-
9 tion technology” does not include embedded software and
10 information technology used for weapon systems.

11 **SEC. 237. STUDY AND REPORT ON SUFFICIENCY OF TEST**
12 **AND EVALUATION RESOURCES FOR CERTAIN**
13 **MAJOR DEFENSE ACQUISITION PROGRAMS.**

14 (a) *STUDY.*—The Director of Operational Test and
15 Evaluation of the Department of Defense shall conduct a
16 study of at least one major defense acquisition program
17 within each covered Armed Force to determine the suffi-
18 ciency of the test and evaluation resources supporting such
19 program.

20 (b) *ELEMENTS.*—The study under subsection (a) shall
21 include, with respect to each major defense acquisition pro-
22 gram evaluated as part of the study, the following:

23 (1) *Identification of the test and evaluation re-*
24 *sources supporting the program as of the date of the*
25 *study.*

1 (2) *An evaluation of whether and to what extent*
2 *such resources are sufficient to meet the needs of the*
3 *program assuming that test and evaluation resources*
4 *allocated for other purposes will not be reallocated to*
5 *support the program in the future.*

6 (3) *If the test and evaluation resources identified*
7 *under paragraph (1) are insufficient to meet the*
8 *needs of the program, an evaluation of the amount of*
9 *additional funding required to ensure the sufficiency*
10 *of such resources.*

11 (4) *The amount of Government-funded, con-*
12 *tractor-provided test and evaluation resources that*
13 *are currently provided or are planned to be provided*
14 *as part of the program of record.*

15 (5) *The future availability of any resources iden-*
16 *tified under paragraph (4) for programs, projects,*
17 *and activities other than the major defense acquisi-*
18 *tion program evaluated as part of the study.*

19 (c) *REPORT.*—*Not later than one year after the date*
20 *of the enactment of this Act, the Director of Operational*
21 *Test and Evaluation shall submit to the congressional de-*
22 *fense committees a report on the results of the study con-*
23 *ducted under subsection (a).*

24 (d) *DEFINITIONS.*—*In this section:*

1 (1) *The term “covered Armed Force” means the*
2 *Army, the Navy, the Marine Corps, and the Air*
3 *Force.*

4 (2) *The term “major defense acquisition pro-*
5 *gram” has the meaning given that term in section*
6 *4201 of title 10, United States Code.*

7 **SEC. 238. PERIODIC REPORTS ON RISK DISTRIBUTION**
8 **WITHIN RESEARCH, DEVELOPMENT, TEST,**
9 **AND EVALUATION ACTIVITIES.**

10 (a) *REPORTS REQUIRED.—In accordance with sub-*
11 *section (d), the Secretary of Defense, acting through the*
12 *Under Secretary of Defense for Research and Engineering*
13 *and in consultation with the Secretaries of the military de-*
14 *partments, shall submit to the congressional defense com-*
15 *mittees periodic reports on the distribution of risk across*
16 *the covered research activities of the Department of Defense.*

17 (b) *ELEMENTS.—Each report under subsection (a)*
18 *shall include, with respect to the year covered by the report,*
19 *the following:*

20 (1) *A list of all covered research activities of the*
21 *Department of Defense with each such research activ-*
22 *ity designated as either—*

23 (A) *research activity that is lower risk, such*
24 *as efforts aimed at the incremental improvement*
25 *of an existing product; or*

1 *(B) research activity that is higher risk,*
2 *such as efforts aimed at the development of new*
3 *technology that could disrupt an entire field*
4 *(commonly referred to as “disruptive tech-*
5 *nology”).*

6 *(2) An assessment of whether the distribution of*
7 *covered research activities among the risk categories*
8 *described in subparagraphs (A) and (B) of paragraph*
9 *(1) is optimal for serving the needs of the Department*
10 *of Defense.*

11 *(3) Such other information as the Secretary of*
12 *Defense determines appropriate.*

13 *(c) COVERED RESEARCH ACTIVITY DEFINED.—In this*
14 *section, the term “covered research activity” means a pro-*
15 *gram, project, or other activity of the Department of Defense*
16 *designated as budget activity 1 (basic research), budget ac-*
17 *tivity 2 (applied research), or budget activity 3 (advanced*
18 *technology development), as such budget activity classifica-*
19 *tions are set forth in volume 2B, chapter 5 of the Depart-*
20 *ment of Defense Financial Management Regulation (DOD*
21 *7000.14–R).*

22 *(d) SUBMITTAL OF REPORTS.—*

23 *(1) IN GENERAL.—The reports required under*
24 *subsection (a) shall be submitted as follows:*

1 (A) *The first such report shall be submitted*
2 *by not later than February 1, 2023.*

3 (B) *A report shall be submitted at the same*
4 *time as each of the first three reports required*
5 *under section 118c(e) of title 10, United States*
6 *Code, after the date of the enactment of this Act.*

7 (2) *TERMINATION OF REQUIREMENT.—No report*
8 *shall be required to be submitted under this section*
9 *after the date of the submittal of the third report*
10 *under paragraph (1)(B).*

11 ***TITLE III—OPERATION AND***
12 ***MAINTENANCE***

13 ***Subtitle A—Authorization of***
14 ***Appropriations***

15 ***SEC. 301. AUTHORIZATION OF APPROPRIATIONS.***

16 *Funds are hereby authorized to be appropriated for fis-*
17 *cal year 2023 for the use of the Armed Forces and other*
18 *activities and agencies of the Department of Defense for ex-*
19 *penses, not otherwise provided for, for operation and main-*
20 *tenance, as specified in the funding table in section 4301.*

1 **Subtitle B—Energy and**
2 **Environment**

3 **SEC. 311. EQUIVALENT AUTHORITY FOR ENVIRONMENTAL**
4 **RESTORATION PROJECTS AT NATIONAL**
5 **GUARD TRAINING SITES.**

6 (a) *CLARIFICATION OF NATIONAL GUARD TRAINING*
7 *SITES.*—Section 2700 of title 10, United States Code, is
8 amended by adding at the end the following new paragraph:

9 “(4) The term ‘National Guard training site’
10 means a facility or site when used for the training of
11 the National Guard pursuant to chapter 5 of title 32
12 with funds provided by the Secretary of Defense or the
13 Secretary of a military department, without regard
14 to—

15 “(A) the owner or operator of the facility or
16 site; or

17 “(B) whether the facility or site is under the
18 jurisdiction of the Department of Defense or a
19 military department.”.

20 (b) *INCLUSION UNDER DEFENSE ENVIRONMENTAL*
21 *RESTORATION PROGRAM.*—Section 2701(a)(1) of such title
22 is amended by inserting “and at National Guard training
23 sites” after “at facilities under the jurisdiction of the Sec-
24 retary”.

1 (c) *RESPONSE ACTIONS AT NATIONAL GUARD TRAIN-*
2 *ING SITES.*—Section 2701(c)(1) of such title is amended by
3 *adding at the end the following new subparagraph:*

4 “(D) *Each facility or site which was a Na-*
5 *tional Guard training site at the time of actions*
6 *leading to contamination by hazardous sub-*
7 *stances or pollutants or contaminants.”.*

8 (d) *TECHNICAL AND CONFORMING AMENDMENTS.*—

9 (1) *REPEAL OF PROVISION.*—Section 2707 of
10 *such title is amended by striking subsection (e).*

11 (2) *REFERENCE UPDATE.*—Section 345(f)(1) of
12 *the National Defense Authorization Act for Fiscal*
13 *Year 2022 (Public Law 117–81; 135 Stat. 1646; 10*
14 *U.S.C. 2715 note) is amended by striking “facility*
15 *where military activities are conducted by the Na-*
16 *tional Guard of a State pursuant to section 2707(e)*
17 *of title 10, United States Code” and inserting “Na-*
18 *tional Guard training site, as such term is defined in*
19 *section 2700 of title 10, United States Code”.*

20 **SEC. 312. AMENDMENT TO BUDGETING OF DEPARTMENT OF**
21 **DEFENSE RELATING TO EXTREME WEATHER.**

22 Section 328(a) of the National Defense Authorization
23 Act for Fiscal Year 2020 (Public Law 116–92; 10 U.S.C.
24 221 note) is amended—

1 (1) *in paragraph (1), by striking “; and” and*
2 *inserting a semicolon;*

3 (2) *in paragraph (2), by striking the period at*
4 *the end and inserting “; and”; and*

5 (3) *by inserting after paragraph (2) the fol-*
6 *lowing:*

7 “(3) *a calculation of the annual costs to the De-*
8 *partment for assistance provided to—*

9 “(A) *the Federal Emergency Management*
10 *Agency or Federal land management agencies—*

11 “(i) *pursuant to requests for such as-*
12 *istance; and*

13 “(ii) *approved under the National*
14 *Interagency Fire Center; and*

15 “(B) *any State, Territory, or possession*
16 *under title 10 or title 32, United States Code, re-*
17 *garding extreme weather.”.*

18 **SEC. 313. PROTOTYPE AND DEMONSTRATION PROJECTS**
19 **FOR ENERGY RESILIENCE AT CERTAIN MILI-**
20 **TARY INSTALLATIONS.**

21 (a) *IN GENERAL.—Each Secretary of a military de-*
22 *partment shall ensure that covered prototype and dem-*
23 *onstration projects are conducted at each military installa-*
24 *tion designated by that Secretary as an “Energy Resilience*
25 *Testbed” pursuant to subsection (b).*

1 **(b) SELECTION OF MILITARY INSTALLATIONS.—**

2 **(1) SELECTION.—***Not later than 180 days after*
3 *the date of the enactment of this Act, each Secretary*
4 *of a military department, in consultation with the*
5 *Secretary of the Defense, shall—*

6 **(A)** *select at least two military installations*
7 *under the jurisdiction of that Secretary for des-*
8 *ignation pursuant to paragraph (3); and*

9 **(B)** *incorporate the conduct of covered pro-*
10 *totype and demonstration projects into the mis-*
11 *sion of each installation so selected.*

12 **(2) CONSIDERATIONS.—***In selecting military in-*
13 *stallations under paragraph (1), each Secretary of a*
14 *military department shall, to the extent practicable,*
15 *take into consideration the following:*

16 **(A)** *The mission of the installation.*

17 **(B)** *The geographic terrain of the installa-*
18 *tion and of the community surrounding the in-*
19 *stallation.*

20 **(C)** *The energy resources available to sup-*
21 *port the installation.*

22 **(D)** *Any State or local regulations that*
23 *apply with respect to public or private utilities*
24 *serving the installation.*

1 (E) *An assessment of any climate or ex-*
2 *reme weather risks or vulnerabilities at the in-*
3 *stallation and the community surrounding the*
4 *installation.*

5 (3) *DESIGNATION AS ENERGY RESILIENCE*
6 *TESTBED.—Each installation selected under para-*
7 *graph (1) shall be known as an “Energy Resilience*
8 *Testbed”.*

9 (c) *COVERED TECHNOLOGIES.—Covered prototype and*
10 *demonstration projects conducted at military installations*
11 *designated pursuant to subsection (b) shall include the pro-*
12 *totype and demonstration of technologies in the following*
13 *areas:*

14 (1) *Energy storage technologies, including long-*
15 *duration energy storage systems.*

16 (2) *Technologies that support electric vehicles or*
17 *the transition to use of electric vehicles, including*
18 *with respect to tactical vehicles.*

19 (3) *Technologies to improve building energy effi-*
20 *ciency in a cyber-secure manner, such as advanced*
21 *lighting controls, high-performance cooling systems,*
22 *and technologies for waste heat recovery.*

23 (4) *Technologies to improve building energy*
24 *management and control in a cyber-secure manner.*

1 (5) *Tools and processes for design, assessment,*
2 *and decision-making on the installation with respect*
3 *to climate resilience and hazard analysis, energy use,*
4 *management, and the construction of climate resilient*
5 *buildings and infrastructure.*

6 (6) *Carbon sequestration technologies.*

7 (7) *Technologies relating to on-site resilient en-*
8 *ergy generation, including advanced geothermal and*
9 *advanced nuclear technologies.*

10 (8) *Port electrification and surrounding defense*
11 *critical infrastructure and related non-Federal infra-*
12 *structure, including surrounding defense community*
13 *infrastructure.*

14 (d) *BRIEFING.*—*Not later than 180 days after the en-*
15 *actment of this Act, the Secretary of Defense, in consulta-*
16 *tion with the Secretaries of the military departments, shall*
17 *provide to the appropriate congressional committees a brief-*
18 *ing on the conduct of covered prototype and demonstration*
19 *projects at each military installation designated pursuant*
20 *to subsection (b). Such briefing shall include the following:*

21 (1) *An identification of each military installa-*
22 *tion so designated.*

23 (2) *A justification as to why each military in-*
24 *stallation so designated was selected for such designa-*
25 *tion.*

1 (3) *A strategy for commencing the conduct of*
2 *such projects at each military installation so des-*
3 *ignated by not later than one year after the date of*
4 *the enactment of this Act.*

5 (e) *DEADLINE FOR COMMENCEMENT OF PROJECTS.—*
6 *The Secretary of Defense shall ensure that, beginning not*
7 *later than one year after the date of the enactment of this*
8 *Act, covered prototype and demonstration projects are con-*
9 *ducted at, and such conduct is incorporated into the mis-*
10 *sion of, each military installation designated pursuant to*
11 *subsection (b).*

12 (f) *CONSORTIUMS.—*

13 (1) *IN GENERAL.—Each Secretary of a military*
14 *department may enter into a partnership with, or*
15 *seek to establish, a consortium of industry, academia,*
16 *and other entities described in paragraph (2) to con-*
17 *duct covered prototype and demonstration projects at*
18 *a military installation designated by that Secretary*
19 *pursuant to subsection (b).*

20 (2) *CONSORTIUM ENTITIES.—The entities de-*
21 *scribed in this paragraph are as follows:*

22 (A) *National laboratories.*

23 (B) *Industry entities the primary work of*
24 *which relates to energy and climate security*
25 *technologies and business models.*

1 (g) *AUTHORITIES.*—

2 (1) *IN GENERAL.*—Covered prototype and dem-
3 onstration projects required under this section may be
4 conducted as part of the program for operational en-
5 ergy prototyping established under section 324(c) of
6 the William M. (Mac) Thornberry National Defense
7 Authorization Act for Fiscal Year 2021 (Public Law
8 116–283; 134 Stat. 3523; 10 U.S.C. 2911 note) (in-
9 cluding by using funds available under the Oper-
10 ational Energy Prototyping Fund established pursu-
11 ant to such section), using the other transactions au-
12 thority under section 4021 or 4022 of title 10, United
13 States Code, or using any other available authority or
14 funding source the Secretary of Defense determines
15 appropriate.

16 (2) *FOLLOW-ON PRODUCTION CONTRACTS OR*
17 *TRANSACTIONS.*—Each Secretary of a military de-
18 partment shall ensure that, to the extent practicable,
19 any transaction entered into under the other trans-
20 actions authority under section 4022 of title 10,
21 United States Code, for the conduct of a covered pro-
22 totype and demonstration project under this section
23 shall provide for the award of a follow-on production
24 contract or transaction pursuant to subsection (f) of
25 such section 4022.

1 (h) *INTERAGENCY COLLABORATION.*—*In carrying out*
2 *this section, to the extent practicable, the Secretary of De-*
3 *fense shall collaborate with the Secretary of Energy and the*
4 *heads of such other Federal departments and agencies as*
5 *the Secretary of Defense may determine appropriate, in-*
6 *cluding by entering into relevant memoranda of under-*
7 *standing.*

8 (i) *DEFINITIONS.*—*In this section:*

9 (1) *The term “appropriate congressional com-*
10 *mittees” means—*

11 (A) *the Committee on Armed Services and*
12 *the Committee on Energy and Commerce of the*
13 *House of Representatives; and*

14 (B) *the Committee on Armed Services and*
15 *the Committee on Energy and Natural Resources*
16 *of the Senate.*

17 (2) *The term “community infrastructure” has*
18 *the meaning given that term in section 2391(e) of title*
19 *10, United States Code.*

20 (3) *The term “covered prototype and demonstra-*
21 *tion project” means a project to prototype and dem-*
22 *onstrate advanced technologies to enhance energy re-*
23 *silience and climate security at a military installa-*
24 *tion.*

1 (4) *The term “military installation” has the*
2 *meaning given that term in section 2867 of title 10,*
3 *United States Code.*

4 **SEC. 314. PILOT PROGRAM FOR TRANSITION OF CERTAIN**
5 **NONTACTICAL VEHICLE FLEETS OF DEPART-**
6 **MENT OF DEFENSE TO ELECTRIC VEHICLES.**

7 (a) *IN GENERAL.—The Secretary of Defense, in coordi-*
8 *nation with the Secretaries of the military departments,*
9 *and in consultation with the Secretary of Energy, shall*
10 *carry out a pilot program to facilitate the transition of non-*
11 *tactical vehicle fleets of the Department of Defense at cer-*
12 *tain military installations to nontactical vehicle fleets com-*
13 *prised solely of electric vehicles, including through the*
14 *maintenance on the installations of charging stations,*
15 *microgrids, and other covered infrastructure sufficient to*
16 *cover the energy demand of such fleets.*

17 (b) *SELECTION OF MILITARY INSTALLATIONS.—*

18 (1) *SELECTION.—Not later than 180 days after*
19 *the date of the enactment of this Act, each Secretary*
20 *of a military department shall—*

21 (A) *select at least one military installation*
22 *of each Armed Force under the jurisdiction of*
23 *that Secretary at which to carry out the pilot*
24 *program under subsection (a); and*

1 (B) submit to the Committees on Armed
2 Services of the House of Representatives and the
3 Senate a notification containing an identifica-
4 tion of each such selected installation.

5 (2) *PRIORITY.*—In selecting military installa-
6 tions under paragraph (1), each Secretary of a mili-
7 tary department shall give priority to the following:

8 (A) Military installations with existing
9 third-party financed, installed, operated, and
10 maintained charging stations on the installation.

11 (B) Military installations with other exist-
12 ing covered infrastructure, including charging
13 stations under ownership methods other than
14 those specified in subparagraph (A), on the in-
15 stallation.

16 (C) Military installations located in a geo-
17 graphic region with existing covered infrastruc-
18 ture, including charging stations, proximate to
19 the installation.

20 (D) Military installations with respect to
21 which the Secretary determines the future inclu-
22 sion on the installation of charging stations and
23 other covered infrastructure is feasible and cost
24 effective given the anticipated need for charging
25 stations to service electric vehicles in the nontac-

1 *tical vehicle fleet at the installation (including*
2 *those with respect to which the Secretary deter-*
3 *mines there may be an opportunity to enter into*
4 *a contract for the third-party charging stations*
5 *specified in subparagraph (A)).*

6 *(E) Military installations at which a*
7 *project authorized under section 2914 of title 10,*
8 *United States Code, (known as the Energy Resil-*
9 *ience and Conservation Investment Program)*
10 *and determined by the Secretary to be relevant*
11 *to the pilot program has been conducted or is*
12 *planned to be conducted pursuant to the future-*
13 *years defense program submitted under section*
14 *221 of such title.*

15 *(3) CONSIDERATIONS.—In determining whether*
16 *a military installation should receive priority pursu-*
17 *ant to paragraph (2)(D), each Secretary of a military*
18 *department shall take into account the following:*

19 *(A) A calculation of existing loads at the*
20 *installation and the existing capacity of the in-*
21 *stallation for the charging of electric vehicles, in-*
22 *cluding (as applicable) light duty trucks.*

23 *(B) The availability of adequate space for*
24 *vehicles awaiting charging during peak usage*
25 *times, as determined by the Secretary.*

1 (C) Any required upgrades to covered infra-
2 structure on the installation, including electrical
3 wiring, anticipated by the Secretary.

4 (c) *TRANSITION PLANS.*—

5 (1) *IN GENERAL.*—Not later than one year after
6 the date on which a Secretary of a military depart-
7 ment submits a notification identifying a military
8 installation under subsection (b)(1), that Secretary
9 shall submit to the Committees on Armed Services of
10 the House of Representatives and the Senate a plan
11 for—

12 (A) the replacement of all vehicles in the
13 nontactical vehicle fleet at the military installa-
14 tion with electric vehicles by January 1, 2025;
15 and

16 (B) the maintenance on the military instal-
17 lation of charging stations and other covered in-
18 frastructure, including a microgrid, that will be
19 sufficient—

20 (i) to cover the anticipated electricity
21 demand of such electric vehicles; and

22 (ii) to improve installation energy re-
23 silience.

1 (2) *ELEMENTS.*—*Each plan under paragraph*
2 *(1) shall include, with respect to the military instal-*
3 *lation covered by the plan, the following:*

4 (A) *A determination of the type and num-*
5 *ber of charging stations to include on the instal-*
6 *lation, taking into account the interoperability*
7 *of chargers and the potential future needs or ap-*
8 *plications for chargers, such as vehicle-to-grid or*
9 *vehicle-to-building applications.*

10 (B) *A determination of the optimal owner-*
11 *ship method to provide charging stations on the*
12 *installation, taking into account the following:*

13 (i) *Use of Government-owned (pur-*
14 *chased, installed, and maintained) charging*
15 *stations.*

16 (ii) *Use of third-party financed, in-*
17 *stalled, operated, and maintained charging*
18 *stations.*

19 (iii) *Use of financing models in which*
20 *energy and charging infrastructure oper-*
21 *ations and maintenance are treated as a*
22 *service.*

23 (iv) *Cyber and physical security con-*
24 *siderations and best practices associated*

1 with different ownership, network, and con-
2 trol models.

3 (C) A determination of the optimal power
4 source to provide charging stations at the instal-
5 lation, taking into account the following:

6 (i) Transformer and substation re-
7 quirements.

8 (ii) Microgrids and distributed energy
9 to support both charging requirements and
10 energy storage.

11 (3) SOURCE OF SERVICES.—Each Secretary of a
12 military department may use expertise within the
13 military department or enter into a contract with a
14 non-Department of Defense entity to make the deter-
15 minations specified in paragraph (2).

16 (d) FINAL DEADLINE FOR REPLACEMENT.—Beginning
17 not later than January 1, 2025, all vehicles in the nontac-
18 tical vehicle fleet at each military installation selected
19 under subsection (b) shall be electric vehicles.

20 (e) DEFINITIONS.—In this section:

21 (1) The terms “Armed Forces” and “military de-
22 partments” have the meanings given those terms in
23 section 101 of title 10, United States Code.

1 (2) *The term “charging station” means a collec-*
2 *tion of one or more electric vehicle supply equipment*
3 *units.*

4 (3) *The term “covered infrastructure”—*

5 *(A) means infrastructure that the Secretary*
6 *of Defense determines may be used to—*

7 *(i) charge electric vehicles, including*
8 *by transmitting electricity to such vehicles*
9 *directly; or*

10 *(ii) support the charging of electric ve-*
11 *hicles, including by supporting the resil-*
12 *ience of grids or other systems for delivering*
13 *energy to such vehicles (such as through the*
14 *mitigation of grid stress); and*

15 *(B) includes—*

16 *(i) charging stations;*

17 *(ii) batteries;*

18 *(iii) battery-swapping systems;*

19 *(iv) microgrids;*

20 *(v) off-grid charging systems; and*

21 *(vi) other apparatuses installed for the*
22 *specific purpose of delivering energy to an*
23 *electric vehicle or to a battery intended to be*
24 *used in an electric vehicle.*

25 (4) *The term “electric vehicle” includes—*

1 (A) a plug-in hybrid electric vehicle that
2 uses a combination of electric and gas powered
3 engine that can use either gasoline or electricity
4 as a fuel source; and

5 (B) a plug-in electric vehicle that runs sole-
6 ly on electricity and does not contain an inter-
7 nal combustion engine or gas tank.

8 (5) The term “electric vehicle supply equipment
9 unit” means the port that supplies electricity to one
10 vehicle at a time.

11 (6) The term “microgrid” means a group of
12 interconnected loads and distributed energy resources
13 within clearly defined electrical boundaries that acts
14 as a single controllable entity with respect to the grid.

15 (7) The term “military installation” has the
16 meaning given that term in section 2801 of title 10,
17 United States Code.

18 (8) The term “nontactical vehicle” means a vehi-
19 cle other than a tactical vehicle.

20 (9) The term “tactical vehicle” means a motor
21 vehicle designed to military specification, or a com-
22 mercial design motor vehicle modified to military
23 specification, to provide direct transportation support
24 of combat or tactical operations, or for the training
25 of personnel for such operations.

1 **SEC. 315. PILOT PROGRAM ON USE OF SUSTAINABLE AVIA-**
2 **TION FUEL.**

3 (a) *IN GENERAL.*—*The Secretary of Defense shall con-*
4 *duct a pilot program at two or more geographically diverse*
5 *Department of Defense facilities for the use of sustainable*
6 *aviation fuel. Such program shall be designed to—*

7 (1) *identify any logistical challenges with respect*
8 *to the use of sustainable aviation fuel by the Depart-*
9 *ment of Defense; and*

10 (2) *explore opportunities for collaboration with*
11 *nearby commercial airports and sustainable aviation*
12 *fuel refinery facilities to facilitate such use.*

13 (b) *SELECTION OF FACILITIES.*—

14 (1) *SELECTION.*—*Not later than one year after*
15 *the date of the enactment of this Act, the Secretary of*
16 *Defense shall select at least two geographically diverse*
17 *Department facilities at which to carry out the pilot*
18 *program. At least one such facility shall be a facility*
19 *with an onsite refinery that is located in proximity*
20 *to at least one major commercial airport that is also*
21 *actively seeking to increase the use of sustainable*
22 *aviation fuel.*

23 (2) *NOTICE TO CONGRESS.*—*Upon the selection*
24 *of each facility under paragraph (1), the Secretary*
25 *shall submit to the Committee on Armed Services and*
26 *the Committee on Transportation and Infrastructure*

1 *of the House of Representatives notice of the selection,*
2 *including an identification of the facility selected.*

3 *(c) CERTIFICATION AND USE OF BLENDED SUSTAIN-*
4 *ABLE AVIATION FUEL.—*

5 *(1) PLANS.—For each facility selected under sub-*
6 *section (b), not later than one year after the selection*
7 *of the facility, the Secretary shall—*

8 *(A) develop a plan on how to implement, by*
9 *September 30, 2028, a certification program*
10 *under which aviation fuel must be certified as*
11 *blended to contain at least 10 percent sustainable*
12 *aviation fuel as a requirement for use of the*
13 *aviation fuel at the facility (in addition to any*
14 *other fuel certification requirement of the De-*
15 *partment of Defense or the Armed Forces);*

16 *(B) submit the plan to the Committee on*
17 *Armed Services and the Committee on Transpor-*
18 *tation and Infrastructure of the House of Rep-*
19 *resentatives; and*

20 *(C) provide to such Committees a briefing*
21 *on the plan that includes, at a minimum—*

22 *(i) a description of any operational,*
23 *infrastructure, or logistical requirements*
24 *and recommendations for the blending, cer-*

1 *tification, and use of sustainable aviation*
2 *fuel; and*

3 *(ii) a description of any stakeholder*
4 *engagement in the development of the plan,*
5 *including any consultations with nearby*
6 *commercial airport owners or operators.*

7 (2) *IMPLEMENTATION OF PLANS.—For each facil-*
8 *ity selected under subsection (b), during the period be-*
9 *ginning on a date that is not later than September*
10 *30, 2028, and for five years thereafter, the Secretary*
11 *shall require, in accordance with the respective plan*
12 *developed under paragraph (1), the exclusive use at*
13 *the facility of aviation fuel that has been certified as*
14 *blended to contain at least 10 percent sustainable*
15 *aviation fuel.*

16 (d) *CRITERIA FOR SUSTAINABLE AVIATION FUEL.—*
17 *Sustainable aviation fuel used under the pilot program*
18 *shall meet the following criteria:*

19 (1) *Such fuel shall be produced in the United*
20 *States from non-food domestic feedstock sources.*

21 (2) *Such fuel shall constitute drop-in fuel that*
22 *meets all specifications and performance requirements*
23 *of the Department of Defense and the Armed Forces.*

24 (e) *WAIVER.—The Secretary may waive the require-*
25 *ment for the exclusive use at the facility of aviation fuel*

1 *that has been certified as blended to contain at least 10 per-*
2 *cent sustainable aviation fuel under the pilot program if*
3 *the Secretary—*

4 (1) *determines such use is not feasible due to a*
5 *lack of domestic availability of sustainable aviation*
6 *fuel or a national security contingency; and*

7 (2) *submits to the congressional defense commit-*
8 *tees notice of such waiver and the reasons for such*
9 *waiver.*

10 (f) *FINAL REPORT.—At the conclusion of the pilot pro-*
11 *gram, the Assistant Secretary of Defense for Energy, Instal-*
12 *lations, and Environment shall submit to the Committee*
13 *on Armed Services and the Committee on Transportation*
14 *and Infrastructure of the House of Representatives a final*
15 *report on the pilot program. Such report shall include each*
16 *of the following:*

17 (1) *An assessment of the effect of using sustain-*
18 *able aviation fuel on the overall fuel costs of blended*
19 *fuel.*

20 (2) *A description of any operational, infrastruc-*
21 *ture, or logistical requirements and recommendations*
22 *for the blending, certification, and use of sustainable*
23 *aviation fuel, with a focus on scaling up military-*
24 *wide adoption of such fuel.*

1 (3) *Recommendations with respect to how mili-*
2 *tary installations can leverage proximity to commer-*
3 *cial airports and other jet fuel consumers to increase*
4 *the rate of use of sustainable aviation fuel, for both*
5 *military and non-military use, including potential*
6 *collaboration on innovative financing or purchasing*
7 *and shared supply chain infrastructure.*

8 (4) *A description of the effects on performance*
9 *and operation aircraft using sustainable aviation fuel*
10 *including—*

11 (A) *if used, considerations of various blend-*
12 *ing ratios and their associated benefits;*

13 (B) *efficiency and distance improvements of*
14 *flights fuels using sustainable aviation fuel;*

15 (C) *weight savings on large transportation*
16 *aircraft and other types of aircraft with using*
17 *blended fuel with higher concentrations of sus-*
18 *tainable aviation fuel;*

19 (D) *maintenance benefits of using sustain-*
20 *able aviation fuel, including engine longevity;*

21 (E) *the effect of the use of sustainable avia-*
22 *tion fuel on emissions and air quality;*

23 (F) *the effect of the use of sustainable avia-*
24 *tion fuel on the environment and on surrounding*
25 *communities, including environmental justice*

1 *factors that are created by the demand for and*
2 *use of sustainable aviation fuel by the Depart-*
3 *ment of Defense; and*

4 *(G) benefits with respect to job creation in*
5 *the sustainable aviation fuel production and*
6 *supply chain.*

7 *(g) SUSTAINABLE AVIATION FUEL DEFINED.—In this*
8 *section, the term “sustainable aviation fuel” means liquid*
9 *fuel that—*

10 *(1) consists of synthesized hydrocarbon;*

11 *(2) meets the requirements of—*

12 *(A) ASTM International Standard D7566*
13 *(or such successor standard); or*

14 *(B) the co-processing provisions of ASTM*
15 *International Standard D1655, Annex A1 (or*
16 *such successor standard);*

17 *(3) is derived from biomass (as such term is de-*
18 *defined in section 45K(c)(3) of the Internal Revenue*
19 *Code of 1986), waste streams, renewable energy*
20 *sources, or gaseous carbon oxides;*

21 *(4) is not derived from palm fatty acid dis-*
22 *tillates; and*

23 *(5) conforms to the standards, recommended*
24 *practices, requirements and criteria, supporting docu-*
25 *ments, implementation elements, and any other tech-*

1 *nical guidance, for sustainable aviation fuels that are*
2 *adopted by the International Civil Aviation Organi-*
3 *zation with the agreement of the United States.*

4 **SEC. 316. POLICY TO INCREASE DISPOSITION OF SPENT AD-**
5 **VANCED BATTERIES THROUGH RECYCLING.**

6 *(a) POLICY REQUIRED.—Not later than one year after*
7 *the date of the enactment of this Act, the Assistant Secretary*
8 *of Defense for Energy, Installations, and Environment, in*
9 *coordination with the Director of the Defense Logistics*
10 *Agency, shall establish a policy to increase the disposition*
11 *of spent advanced batteries of the Department of Defense*
12 *through recycling (including by updating the Department*
13 *of Defense Manual 4160.21, titled “Defense Material Dis-*
14 *position: Disposal Guidance and Procedures”, or such suc-*
15 *cessor document, accordingly), for the purpose of supporting*
16 *the reclamation and return of precious metals, rare earth*
17 *metals, and elements of strategic importance (such as cobalt*
18 *and lithium) into the supply chain or strategic reserves of*
19 *the United States.*

20 *(b) CONSIDERATIONS.—In developing the policy under*
21 *subsection (a), the Assistant Secretary shall consider, at a*
22 *minimum, the following recycling methods:*

23 *(1) Pyroprocessing.*

24 *(2) Hydroprocessing.*

1 (3) *Direct cathode recycling, relithiation, and*
2 *upcycling.*

3 **SEC. 317. GUIDANCE AND TARGET DEADLINE RELATING TO**
4 **FORMERLY USED DEFENSE SITES PROGRAMS.**

5 (a) *GUIDANCE RELATING TO SITE PRIORITIZATION.—*
6 *The Assistant Secretary of Defense for Energy, Installa-*
7 *tions, and Environment shall issue guidance setting forth*
8 *how, in prioritizing sites for activities funded under the*
9 *“Environmental Restoration Account, Formerly Used De-*
10 *fense Sites” account established under section 2703(a)(5) of*
11 *title 10, United States Code, the Assistant Secretary shall*
12 *weigh the relative risk or other factors between Installation*
13 *Restoration Program sites and Military Munitions Re-*
14 *sponse Program sites.*

15 (b) *TARGET DEADLINE FOR MILITARY MUNITIONS RE-*
16 *SPONSE PROGRAM.—The Assistant Secretary of Defense for*
17 *Energy, Installations, and Environment shall establish a*
18 *target deadline for the completion of the cleanup of all Mili-*
19 *tary Munitions Response Program sites.*

20 **SEC. 318. BUDGET INFORMATION FOR ALTERNATIVES TO**
21 **BURN PITS.**

22 *The Secretary of Defense shall include in the budget*
23 *materials submitted to Congress in support of the Depart-*
24 *ment of Defense budget for fiscal year 2024 (as submitted*
25 *with the budget of the President for such fiscal year under*

1 *section 1105(a) of title 31, United States Code) a dedicated*
2 *budget line item for incinerators and waste-to-energy waste*
3 *disposal alternatives to burn pits.*

4 ***Subtitle C—Red Hill Bulk Fuel***
5 ***Facility***

6 ***SEC. 331. DEFUELING OF RED HILL BULK FUEL STORAGE***
7 ***FACILITY.***

8 *(a) DEADLINE FOR COMPLETION OF DEFUELING.—*

9 *(1) IN GENERAL.—Subject to the certification re-*
10 *quirement under subsection (e), the Secretary of the*
11 *Navy, in cooperation with the Director of the Defense*
12 *Logistics Agency, shall complete the defueling of the*
13 *Red Hill Bulk Fuel Storage Facility by not later*
14 *than December 31, 2023.*

15 *(2) REPORT.—Not later than December 31, 2022,*
16 *the Secretary of the Navy shall submit to the congress-*
17 *sional defense committees, and make publicly avail-*
18 *able on an appropriate website of the Department of*
19 *Defense, a report on the status of the defueling of the*
20 *Red Hill Bulk Fuel Storage Facility.*

21 *(b) COMPLIANCE WITH APPLICABLE LAWS.—The Sec-*
22 *retary of the Navy, in coordination with the Administrator*
23 *of the Environmental Protection Agency and the State of*
24 *Hawaii, shall plan for and implement the defueling of the*

1 *Red Hill Bulk Fuel Facility in a manner that complies*
2 *with all applicable laws.*

3 (c) *MITIGATION PLAN.*—

4 (1) *IN GENERAL.*—*Not later than one year after*
5 *the date of the enactment of this Act, the Secretary of*
6 *the Navy shall make publicly available an unclassi-*
7 *fied report containing the plan of the Secretary for*
8 *actions to be taken to mitigate the impacts caused by*
9 *releases at the Red Hill Bulk Fuel Storage Facility,*
10 *together with cost estimates for such actions.*

11 (2) *BRIEFING.*—*Not later than one year after the*
12 *date of the enactment of this Act, the Secretary of the*
13 *Navy shall provide to the congressional defense com-*
14 *mittees a briefing on the actions and cost estimates*
15 *included in the plan required under paragraph (1).*

16 (d) *OVERSIGHT REQUIREMENTS.*—

17 (1) *REVIEW.*—*Not later than 30 days after the*
18 *date of the enactment of this Act, the Secretary of De-*
19 *fense shall seek to enter into an agreement with an*
20 *appropriate independent entity under which the enti-*
21 *ty agrees to conduct a review of the defueling process*
22 *for the Red Hill Bulk Fuel Storage Facility.*

23 (2) *REPORTING REQUIREMENTS.*—*An agreement*
24 *entered into under paragraph (1) shall provide that*
25 *the non-Department of Defense entity shall produce*

1 *and make publicly available, by not later than 30*
2 *days after the completion of the defueling of the Red*
3 *Hill Bulk Fuel Storage Facility, an unclassified re-*
4 *port on the defueling process.*

5 *(e) CERTIFICATION REQUIREMENT.—The Secretary of*
6 *the Navy may not begin the process of defueling the Red*
7 *Hill Bulk Storage Facility before the date on which the Sec-*
8 *retary of Defense submits to the congressional defense com-*
9 *mittees certification that such defueling would not adversely*
10 *affect the ability of the Department of Defense to provide*
11 *fuel to support military operations in the area of responsi-*
12 *bility of the United States Indo-Pacific Command.*

13 *(f) WAIVER.—*

14 *(1) IN GENERAL.—The Secretary of Defense may*
15 *waive the deadline under subsection (a)(1) for a pe-*
16 *riod of not more than 180 days if the Secretary sub-*
17 *mits to the congressional defense committees certifi-*
18 *cation in writing that—*

19 *(A) the Red Hill Bulk Fuel Storage Facility*
20 *cannot be defueled safely and in an environ-*
21 *mentally sound manner before the deadline; or*

22 *(B) the State of Hawaii Department of*
23 *Health objects to the defueling of the Facility.*

24 *(2) EXTENSIONS.—The Secretary may extend a*
25 *waiver issued under paragraph (1) if the Secretary*

1 *submits to the congressional defense committees an*
2 *additional certification described in paragraph (1)*
3 *and a justification for the extension of the waiver.*

4 **SEC. 332. ACTIVITIES PRIOR TO DECOMMISSIONING OF RED**
5 **HILL BULK STORAGE FACILITY.**

6 (a) *LIMITATION.*—None of the funds authorized to be
7 *appropriated by this Act or otherwise made available for*
8 *the Department of Defense for fiscal year 2023 may be obli-*
9 *gated or expended to permanently close the Red Hill Bulk*
10 *Fuel Storage Facility until the date that is one year after*
11 *the date on which the Secretary of Defense, in consultation*
12 *with the Commander of United States Indo-Pacific Com-*
13 *mand, submits to the congressional defense committees—*

14 (1) *the report required under subsection (b); and*

15 (2) *certification that—*

16 (A) *a fuel capacity that is equivalent to the*
17 *capacity provided by the Red Hill Bulk Fuel*
18 *Storage Facility has been added to the fuel ca-*
19 *capacity of United States Indo-Pacific Command;*
20 *and*

21 (B) *the bulk fuel requirements of United*
22 *States Indo-Pacific Command have been fully*
23 *programmed for funding in the five fiscal years*
24 *following the year in which the certification is*
25 *submitted.*

1 **(b) REPORT REQUIRED.**—

2 **(1) IN GENERAL.**—*Not later than one year after*
3 *the date of the enactment of this Act, the Secretary of*
4 *the Defense shall submit to the congressional defense*
5 *committees a report on the costs associated with re-*
6 *placing the Red Hill Bulk Fuel Storage Facility.*

7 **(2) ELEMENTS.**—*The report required by para-*
8 *graph (1) shall include each of the following:*

9 **(A)** *Detailed plans for how the Department*
10 *of Defense will replicate the aggregate bulk fuel*
11 *storage capacity of the Red Hill Bulk Fuel Stor-*
12 *age Facility throughout the Indo-Pacific region,*
13 *including on United States territories and pos-*
14 *sessions, as appropriate, in both steady state and*
15 *in a major conflict lasting not less than 180*
16 *days, including through the use of—*

17 *(i) fleet oilers;*

18 *(ii) fuel bladders;*

19 *(iii) above ground storage facilities;*

20 *and*

21 *(iv) hardened storage facilities.*

22 **(B)** *An identification of—*

23 *(i) any additional costs to the Depart-*
24 *ment of acquiring or building the assets*
25 *planned to replicate such fuel storage capac-*

1 *ity and of obtaining any required environ-*
2 *mental approvals to operate such assets;*
3 *and*

4 *(ii) the timelines associated with ac-*
5 *quiring or building such assets and obtain-*
6 *ing such approvals.*

7 *(C) An analysis of the relative surviv-*
8 *ability, reliability, risks, and any advantages as-*
9 *sociated with the assets planned to replicate such*
10 *fuel storage capacity, including any changes nec-*
11 *essary for the operational plans of the Depart-*
12 *ment compared to such operational plans as in*
13 *effect when the Red Hill Bulk Fuel Storage Fa-*
14 *cility was operational.*

15 *(D) An identification of the cost to the De-*
16 *partment of maintaining the Red Hill Bulk Fuel*
17 *Storage Facility in an empty but rapidly*
18 *reconstitutable state.*

19 *(E) Any other matters the Secretary of the*
20 *Defense considers relevant.*

21 *(c) RULE OF CONSTRUCTION.—Nothing in this section*
22 *shall be construed to affect the authority of the Secretary*
23 *of Defense or the Secretary of the Navy to conduct any of*
24 *the following at Red Hill Bulk Fuel Storage Facility:*

25 *(1) Defueling activities.*

- 1 (2) *Remedial investigations.*
- 2 (3) *Site or safety inspections.*
- 3 (4) *Feasibility studies.*
- 4 (5) *Safety related repairs.*
- 5 (6) *Monitoring.*
- 6 (7) *Transferring of fuel.*
- 7 (8) *Maintenance and sustainment activities.*

8 **SEC. 333. LIMITATION ON USE OF FUNDS PENDING AWARD**
9 **OF CERTAIN PROJECTS AND IMPLEMENTA-**
10 **TION OF CERTAIN RECOMMENDATIONS.**

11 *Of the funds authorized to be appropriated by this Act*
12 *or otherwise made available for fiscal year 2023 for oper-*
13 *ations and maintenance, Navy, Administration line item,*
14 *Line 440, not more than 25 percent may be obligated or*
15 *expended until the date on which the Secretary of the Navy*
16 *certifies to the congressional defense committees that the*
17 *Navy has awarded the projects listed within Chapter 8.1.1,*
18 *Table 8-1, and implemented the recommendation listed as*
19 *D1 within Appendix A.1 and Appendix A.2, of the docu-*
20 *ment prepared by Simpson Gumpertz & Heger Inc, entitled*
21 *“Final Assessment Report: Assessment of Red Hill Under-*
22 *ground Fuel Storage Facility Pearl Harbor, Hawaii” and*
23 *dated April 29, 2022.*

1 **SEC. 334. PLACEMENT OF SENTINEL OR MONITORING**
2 **WELLS IN PROXIMITY TO RED HILL BULK**
3 **FUEL FACILITY.**

4 (a) *IN GENERAL.*—Not later than April 1, 2023, the
5 Secretary of Defense, in coordination with the Director of
6 the United States Geological Survey and the Administrator
7 of the Environmental Protection Agency, shall submit to the
8 congressional defense committees a report on the placement
9 of sentinel or monitoring wells in proximity to the Red Hill
10 Bulk Fuel Facility for the purpose of monitoring and track-
11 ing the movement of fuel that has escaped the Facility. Such
12 report shall include—

13 (1) *the number and location of new wells that*
14 *have been established during the 12-month period pre-*
15 *ceding the date of the submission of the report;*

16 (2) *an identification of the wells proposed to be*
17 *established by the aquifer recovery working group;*

18 (3) *an analysis of the need for any wells not rec-*
19 *ommended by the aquifer recovery working group;*

20 (4) *the proposed number and location of any*
21 *such additional wells; and*

22 (5) *the priority level of each proposed well based*
23 *on—*

24 (A) *the optimal locations for new wells; and*

25 (B) *the capability of a proposed well to as-*
26 *sist in monitoring and tracking the movement of*

1 *fuel toward the Halawa shaft, the Halawa Well,*
2 *and the Aiea Well.*

3 **(b) QUARTERLY BRIEFINGS.**—*Not later than 30 days*
4 *after the submission of the report under subsection (a), and*
5 *every 90 days thereafter for 12 months, the Secretary of De-*
6 *fense shall provide to the congressional defense committees*
7 *a briefing on the progress of the Department toward install-*
8 *ing the wells described in paragraphs (2) and (3) of sub-*
9 *section (a).*

10 **SEC. 335. REPORT ON DEPARTMENT OF DEFENSE EFFORTS**
11 **TO TRACK HEALTH IMPLICATIONS OF FUEL**
12 **LEAKS AT RED HILL BULK FUEL FACILITY.**

13 **(a) IN GENERAL.**—*Not later than 90 days after the*
14 *date of the enactment of this Act, the Secretary of Defense,*
15 *in consultation with the Director of the Centers for Disease*
16 *Control and Prevention and the Administrator of the Envi-*
17 *ronmental Protection Agency, shall submit to the appro-*
18 *priate congressional committees a report on the efforts of*
19 *the Secretary to appropriately track the health implications*
20 *of fuel leaks from the Red Hill Bulk Fuel Facility for mem-*
21 *bers of the Armed Forces and their dependents, including*
22 *members and dependents from each Armed Force, including*
23 *the Coast Guard. The report shall include each of the fol-*
24 *lowing:*

1 (1) *A plan to coordinate with the Centers for*
2 *Disease Control and Prevention to align with the en-*
3 *vironmental health assessment and monitoring efforts*
4 *of the Centers.*

5 (2) *A description of any potential benefits of co-*
6 *ordinating and sharing data with the State of Ha-*
7 *waii Department of Health.*

8 (3) *An analysis of the extent to which data from*
9 *the State of Hawaii Department of Health and data*
10 *from other non-Department of Defense sources can*
11 *and should be used in any long-term health study re-*
12 *lating to fuel leaks from the Red Hill Bulk Fuel Fa-*
13 *cility.*

14 (4) *A description of the potential health implica-*
15 *tions of contaminants, including fuel, found in the*
16 *drinking water distribution system at the Red Hill*
17 *Bulk Fuel Facility during testing after the fuel leaks*
18 *that occurred in May and November 2021.*

19 (5) *A description of any contaminants, includ-*
20 *ing fuel, detected in the water during the 12-month*
21 *period preceding the fuel leak that occurred in No-*
22 *vember 2021.*

23 (6) *A description of any potential benefits of*
24 *broadening the tracing window to include indications*
25 *of contaminants, including fuel, in the drinking*

1 *water supply at the Red Hill Bulk Fuel Facility be-*
2 *fore May 2021.*

3 **(b) APPROPRIATE CONGRESSIONAL COMMITTEES.**—*In*
4 *this section, the term “appropriate congressional commit-*
5 *tees” means—*

6 *(1) the congressional defense committees;*

7 *(2) the Committee on Energy and Commerce of*
8 *the House of Representatives; and*

9 *(3) the Committee on Energy and Natural Re-*
10 *sources of the Senate.*

11 **SEC. 336. STUDIES RELATING TO WATER NEEDS OF THE**
12 **ARMED FORCES ON OAHU.**

13 **(a) STUDY ON FUTURE WATER NEEDS OF OAHU.**—

14 **(1) IN GENERAL.**—*Not later than July 31, 2023,*
15 *the Secretary of the Defense, in coordination with the*
16 *Honolulu Board of Water Supply, shall conduct a*
17 *study on how the Department of Defense can best ad-*
18 *dress the future water needs on the island of Oahu for*
19 *the Armed Forces. Such study shall include consider-*
20 *ation of—*

21 *(A) the construction of a new water treat-*
22 *ment plant or plants;*

23 *(B) the construction of a new well for use*
24 *by members of the Armed Forces and the civilian*
25 *population;*

1 (C) the construction of a new well for the
2 exclusive use of members of the Armed Forces;

3 (D) transferring ownership and operation of
4 existing Department of Defense utilities to a mu-
5 nicipality or existing publicly owned utility;

6 (E) conveying the Navy utilities to the
7 Honolulu Board of Water Supply, with consider-
8 ation; and

9 (F) any other water solutions the Secretary
10 determines appropriate.

11 (2) COORDINATION.—In carrying out the study
12 under paragraph (1), the Secretary shall coordinate
13 with the State of Hawaii, the Honolulu Board of
14 Water Supply, the Secretary of the Department in
15 which the Coast Guard is operating, the Adminis-
16 trator of the Environmental Protection Agency, and
17 any other individual or entity the Secretary deter-
18 mines appropriate.

19 (b) HYDROLOGICAL STUDY.—

20 (1) IN GENERAL.—Not later than July 31, 2023,
21 the Secretary of Defense shall enter into an agreement
22 with the Administrator of the Environmental Protec-
23 tion Agency and the Director of the United States Ge-
24 ological Survey, in consultation with the State of Ha-
25 waii, to perform a study to model the groundwater

1 *flow in the area surrounding the Red Hill Bulk Fuel*
2 *Storage Facility. The model shall be designed to—*

3 *(A) seek to improve the understanding of*
4 *the direction and rate of groundwater flow and*
5 *dissolved constituent migration within the*
6 *aquifers around the facility;*

7 *(B) reflect site specific data, including*
8 *available data of the heterogeneous subsurface*
9 *geologic system; and*

10 *(C) address any previously identified defi-*
11 *ciencies in existing groundwater flow models.*

12 *(2) DEADLINE FOR COMPLETION.—The study*
13 *under paragraph (1) shall be completed by not later*
14 *than one year after the date of the enactment of this*
15 *Act.*

16 *(c) REPORT; BRIEFING.—*

17 *(1) IN GENERAL.—Upon completion of the stud-*
18 *ies under subsections (a) and (b), the Secretary*
19 *shall—*

20 *(A) submit to the appropriate congressional*
21 *committees a report on the findings of the stud-*
22 *ies; and*

23 *(B) provide to such committees a briefing*
24 *on such findings.*

1 (2) *APPROPRIATE CONGRESSIONAL COMMIT-*
2 *TEES.—In this subsection, the term “appropriate con-*
3 *gressional committees” means—*

4 (A) *the congressional defense committees;*

5 (B) *the Committee on Transportation and*
6 *Infrastructure and the Committee on Energy*
7 *and Commerce of the House of Representatives;*
8 *and*

9 (C) *the Committee on Commerce, Science,*
10 *and Transportation and the Committee on Envi-*
11 *ronment and Public Works of the Senate.*

12 **SEC. 337. STUDY ON ALTERNATIVE USES FOR RED HILL**
13 **BULK FUEL FACILITY.**

14 (a) *STUDY REQUIRED.—*

15 (1) *IN GENERAL.—Not later than 30 days after*
16 *the date of the enactment of this Act, the Secretary of*
17 *Defense shall seek to enter into an agreement with a*
18 *federally funded research and development center that*
19 *meets the criteria specified in paragraph (2) under*
20 *which such center will conduct a study to determine*
21 *the range of feasible alternative Department of De-*
22 *fense uses for the Red Hill Bulk Fuel Facility and*
23 *provide to the Secretary a report on the findings of*
24 *the study. The conduct of such study shall include—*

25 (A) *engagement with stakeholders;*

1 (B) a review of historical alternative uses of
2 facilities with similar characteristics; and

3 (C) such other modalities as determined
4 necessary to appropriately identify alternative
5 use options, including data and information col-
6 lected from various stakeholders and through site
7 visits to physically inspect the facility.

8 (2) *CRITERIA FOR FFRDC.*—The federally funded
9 research and development center with which the Sec-
10 retary seeks to enter into an agreement under para-
11 graph (1) shall meet the following criteria:

12 (A) A primary focus on studies and anal-
13 ysis.

14 (B) A record of conducting research and
15 analysis using a multidisciplinary approach.

16 (C) Demonstrated specific competencies
17 in—

18 (i) life cycle cost-benefit analysis;

19 (ii) military facilities and how such
20 facilities support missions; and

21 (iii) the measurement of environmental
22 impacts.

23 (D) A strong reputation for publishing pub-
24 licly releasable analysis to inform public debate.

1 (b) *COST-BENEFIT ANALYSIS.*—*An agreement entered*
2 *into pursuant to subsection (a) shall specify that the study*
3 *conducted under the agreement will include a cost-benefit*
4 *analysis of the feasible Department of Defense alternative*
5 *uses considered under the study. Such cost-benefit analysis*
6 *shall cover each of the following for each such alternative*
7 *use:*

8 (1) *The design and construction costs.*

9 (2) *Life-cycle costs, including the operation and*
10 *maintenance costs of operating the facility, such as*
11 *annual operating costs, predicted maintenance costs,*
12 *and any disposal costs at the end of the useful life of*
13 *the facility.*

14 (3) *Any potential military benefits.*

15 (4) *Any potential benefits for the local economy,*
16 *including any potential employment opportunities for*
17 *members of the community.*

18 (5) *A determination of environmental impact*
19 *analysis requirements.*

20 (6) *The effects of the use on future mitigation ef-*
21 *forts.*

22 (7) *Any additional factors determined to be rel-*
23 *evant by the federally funded research and develop-*
24 *ment center in consultation with the Secretary.*

1 (c) *DEADLINE FOR COMPLETION.*—An agreement en-
2 tered into pursuant to subsection (a) shall specify that the
3 study conducted under the agreement shall be completed by
4 not later than February 1, 2024.

5 (d) *BRIEFING.*—Upon completion of a study conducted
6 under an agreement entered into pursuant to subsection (a),
7 the Secretary shall provide to the Committees on Armed
8 Services of the Senate and House of Representatives a brief-
9 ing on the findings of the study.

10 (e) *PUBLIC AVAILABILITY.*—

11 (1) *FFRDC.*—An agreement entered into pursu-
12 ant to subsection (a) shall specify that the federally
13 funded research and development center shall make an
14 unclassified version of the report provided to the Sec-
15 retary publicly available on an appropriate website of
16 the center.

17 (2) *DEPARTMENT OF DEFENSE.*—Upon receipt of
18 such report, the Secretary shall make an unclassified
19 version of the report publicly available on an appro-
20 priate website of the Department of Defense.

1 **Subtitle D—Treatment of**
2 **Perfluoroalkyl Substances and**
3 **Polyfluoroalkyl Substances**

4 **SEC. 341. PRIZES FOR DEVELOPMENT OF NON-PFAS-CON-**
5 **TAINING TURNOUT GEAR.**

6 *Section 330 of the National Defense Authorization Act*
7 *for Fiscal Year 2021 (Public Law 116–283; 134 Stat. 3528;*
8 *10 U.S.C. 2661 note prec.) is amended—*

9 *(1) in subsection (a)—*

10 *(A) by striking “of a non-PFAS-con-*
11 *taining” and inserting “of the following:”*

12 *“(1) A non-PFAS-containing”; and*

13 *(B) by adding at the end the following new*
14 *paragraph:*

15 *“(2) Covered personal protective firefighting*
16 *equipment that does not contain an intentionally*
17 *added perfluoroalkyl substance or polyfluoroalkyl sub-*
18 *stance.”; and*

19 *(2) by amending subsection (f) to read as follows:*

20 *“(f) DEFINITIONS.—In this section:*

21 *“(1) The term ‘perfluoroalkyl substance’ means a*
22 *man-made chemical of which all of the carbon atoms*
23 *are fully fluorinated carbon atoms.*

24 *“(2) The term ‘polyfluoroalkyl substance’ means*
25 *a man-made chemical containing at least one fully*

1 *fluorinated carbon atom and at least one non-fully*
 2 *fluorinated carbon atom.*

3 “(3) *The term ‘covered personal protective fire-*
 4 *fighting equipment’ means the following:*

5 “(A) *Turnout gear jacket or coat.*

6 “(B) *Turnout gear pants.*

7 “(C) *Turnout coveralls.*

8 “(D) *Any other personal protective fire-*
 9 *fighting equipment, as determined by the Sec-*
 10 *retary of Defense, in consultation with the Ad-*
 11 *ministrator of the United States Fire Adminis-*
 12 *tration.’”.*

13 **SEC. 342. MODIFICATION TO RESTRICTION ON DEPART-**
 14 **MENT OF DEFENSE PROCUREMENT OF CER-**
 15 **TAIN ITEMS CONTAINING**
 16 **PERFLUOROCTANE SULFONATE OR**
 17 **PERFLUOROCTANOIC ACID.**

18 (a) *MODIFICATION.*—*Section 333 of the William M.*
 19 *(Mac) Thornberry National Defense Authorization Act for*
 20 *Fiscal Year 2021 (Public Law 116–283; 134 Stat. 3531,*
 21 *10 U.S.C. 3063 note) is amended—*

22 (1) *in the section heading, by striking*
 23 **“PERFLUOROCTANE SULFONATE OR**
 24 **PERFLUOROCTANOIC ACID”** *and inserting*

1 **“PERFLUOROALKYL SUBSTANCES OR**
2 **POLYFLUOROALKYL SUBSTANCES”;**

3 (2) in subsection (a), by striking
4 “perfluorooctane sulfonate (PFOS) or
5 perfluorooctanoic acid (PFOA)” and inserting “any
6 perfluoroalkyl substance or polyfluoroalkyl substance”;
7 and

8 (3) by amending subsection (b) to read as fol-
9 lows:

10 “(b) *DEFINITIONS.*—*In this section:*

11 “(1) *The term ‘covered item’ means the following:*

12 “(A) *Nonstick cookware or food service ware*
13 *for use in galleys or dining facilities.*

14 “(B) *Food packaging materials.*

15 “(C) *Cleaning products, including floor*
16 *waxes.*

17 “(D) *Carpeting.*

18 “(E) *Rugs, curtains, and upholstered fur-*
19 *niture.*

20 “(F) *Sunscreen.*

21 “(G) *Shoes and clothing for which treat-*
22 *ment with a perfluoroalkyl substance or*
23 *polyfluoroalkyl substance is not necessary for an*
24 *essential function.*

1 “(2) The term ‘perfluoroalkyl substance’ means a
2 man-made chemical of which all of the carbon atoms
3 are fully fluorinated carbon atoms.

4 “(3) The term ‘polyfluoroalkyl substance’ means
5 a man-made chemical containing at least one fully
6 fluorinated carbon atom and at least one
7 nonfluorinated carbon atom.”.

8 (b) *REPORTS ON PROCUREMENT OF CERTAIN ITEMS*
9 *WITHOUT INTENTIONALLY ADDED PERFLUOROALKYL SUB-*
10 *STANCES OR POLYFLUOROALKYL SUBSTANCES.*—Not later
11 than 270 days after the date of the enactment of this Act,
12 and annually thereafter, the Secretary of Defense shall sub-
13 mit to the Committees on Armed Services of the House of
14 Representatives and the Senate a report containing a de-
15 tailed description of the following:

16 (1) Steps taken to identify covered items with
17 any intentionally added perfluoroalkyl substance or
18 polyfluoroalkyl substance procured by the Department
19 of Defense.

20 (2) Steps taken to identify covered items without
21 any intentionally added perfluoroalkyl substance or
22 polyfluoroalkyl substance, and the vendors of such
23 covered items, for procurement by the Department.

24 (3) Steps taken to limit the procurement by the
25 Department of covered items with any intentionally

1 *added perfluoroalkyl substance or polyfluoroalkyl sub-*
2 *stance.*

3 *(4) Planned steps of the Department to limit the*
4 *procurement of items with any intentionally added*
5 *perfluoroalkyl substance or polyfluoroalkyl substance.*

6 *(c) DEFINITIONS.—In this section:*

7 *(1) The term “covered item” includes the fol-*
8 *lowing:*

9 *(A) Nonstick cookware or food service ware*
10 *for use in galleys or dining facilities.*

11 *(B) Food packaging materials.*

12 *(C) Cleaning products, including floor*
13 *waxes.*

14 *(D) Carpeting.*

15 *(E) Rugs, curtains, and upholstered fur-*
16 *niture.*

17 *(F) Sunscreen.*

18 *(G) Shoes and clothing for which treatment*
19 *with a perfluoroalkyl substance or*
20 *polyfluoroalkyl substance is not necessary for an*
21 *essential function.*

22 *(H) Such other items as may be determined*
23 *by the Secretary of Defense.*

24 *(2) The terms “perfluoroalkyl substance” and*
25 *“polyfluoroalkyl substance” have the meaning given*

1 *such terms in section 333 of the William M. (Mac)*
2 *Thornberry National Defense Authorization Act for*
3 *Fiscal Year 2021 (Public Law 116–283; 134 Stat.*
4 *3531, 10 U.S.C. 3063 note), as amended by subsection*
5 *(a).*

6 **SEC. 343. PROHIBITION ON PURCHASE BY DEPARTMENT OF**
7 **DEFENSE OF FIREFIGHTING EQUIPMENT**
8 **CONTAINING PER- AND POLYFLUOROALKYL**
9 **SUBSTANCES.**

10 *(a) PROHIBITION ON PROCUREMENT.—Except as pro-*
11 *vided in subsection (d), beginning October 1, 2025, the Sec-*
12 *retary of Defense may not enter into any contract for the*
13 *purchase of personal protective firefighting equipment for*
14 *use by firefighters of the Department of Defense if such*
15 *equipment contains a per- or polyfluoroalkyl substance.*

16 *(b) IMPLEMENTATION.—The Secretary of Defense shall*
17 *include the prohibition under subsection (a) in any contract*
18 *for the purchase of personal protective firefighting equip-*
19 *ment for use by firefighters of the Department of Defense.*

20 *(c) SAVINGS CLAUSE.—Nothing in this section shall be*
21 *construed—*

22 *(1) to require the Secretary of Defense to test any*
23 *piece of covered personal protective firefighting equip-*
24 *ment to confirm the absence of per- and*
25 *polyfluoroalkyl substances; or*

1 (2) *to affect existing inventories of personal pro-*
2 *ective firefighting equipment.*

3 (d) *LACK OF AVAILABILITY.*—

4 (1) *IN GENERAL.*—*If the Secretary of Defense de-*
5 *termines that equipment described in paragraph (2)*
6 *is not available for purchase by the Department of*
7 *Defense, the requirement under subsection (a) shall*
8 *not apply until such date as the Secretary determines*
9 *that such equipment is available for purchase.*

10 (2) *EQUIPMENT DESCRIBED.*—*The equipment de-*
11 *scribed in this paragraph is personal protective fire-*
12 *fighting equipment that—*

13 (A) *does not contain a per- or*
14 *polyfluoroalkyl substance;*

15 (B) *meets every applicable standard for per-*
16 *sonal protective firefighting equipment (other*
17 *than a standard specifically relating to per- or*
18 *polyfluoroalkyl substances); and*

19 (C) *is at least as protective as current per-*
20 *sonal protective firefighting equipment con-*
21 *taining a per- or polyfluoroalkyl substance.*

22 **SEC. 344. STANDARDS FOR RESPONSE ACTIONS WITH RE-**
23 **SPECT TO PFAS CONTAMINATION.**

24 (a) *IN GENERAL.*—*In conducting a response action to*
25 *address perfluoroalkyl or polyfluoroalkyl substance con-*

1 *tamination from Department of Defense or National Guard*
2 *activities, the Secretary of Defense shall conduct such ac-*
3 *tions to achieve a level of such substances in the environ-*
4 *mental media that meets or exceeds the most stringent of*
5 *the following standards for each applicable covered PFAS*
6 *substance in any environmental media:*

7 (1) *A State standard, as described in section*
8 *121(d)(2)(A)(ii) of the Comprehensive Environmental*
9 *Response, Compensation, and Liability Act of 1980*
10 *(42 U.S.C. 9621(d)(2)(A)(ii)), that is in effect in the*
11 *State in which the response action is being conducted,*
12 *regardless of whether any agency has made a deter-*
13 *mination under section 300.400(g) of title 40, Code of*
14 *Federal Regulations, with respect to such standard for*
15 *purposes of the response action.*

16 (2) *A Federal standard, as described in section*
17 *121(d)(2)(A)(i) of the Comprehensive Environmental*
18 *Response, Compensation, and Liability Act of 1980*
19 *(42 U.S.C. 9621(d)(2)(A)(i)).*

20 (3) *A health advisory under section*
21 *1412(b)(1)(F) of the Safe Drinking Water Act (42*
22 *U.S.C. 300g-1(b)(1)(F)).*

23 *(b) DEFINITIONS.—In this section:*

24 (1) *The term “covered PFAS substance” means*
25 *any of the following:*

1 (A) *Perfluorononanoic acid (PFNA)*.

2 (B) *Perfluorooctanoic acid (PFOA)*.

3 (C) *Perfluorohexanoic acid (PFHxA)*.

4 (D) *Perfluorooctane sulfonic acid (PFOS)*.

5 (E) *Perfluorohexane sulfonate (PFHxS)*.

6 (F) *Perfluorobutane sulfonic acid (PFBS)*.

7 (G) *Perfluoroheptanoic acid (PFHpA)*.

8 (H) *Perfluorodecanoic acid (PFDA)*.

9 (I) *Fluorotelomer sulfonamide betaine*.

10 (2) *The term “response action” means an action*
11 *taken pursuant to section 104 of the Comprehensive*
12 *Environmental Response, Compensation, and Liabil-*
13 *ity Act of 1980 (42 U.S.C. 9604).*

14 (c) *SAVINGS CLAUSE.—Except with respect to the spe-*
15 *cific level required to be met under subsection (a), nothing*
16 *in this section affects the application of the Comprehensive*
17 *Environmental Response, Compensation, and Liability Act*
18 *of 1980 (42 U.S.C. 9601 et seq.).*

19 **SEC. 345. LIST OF CERTAIN PFAS USES DEEMED ESSENTIAL;**
20 **BRIEFINGS ON DEPARTMENT OF DEFENSE**
21 **PROCUREMENT OF CERTAIN ITEMS CON-**
22 **TAINING PFOS OR PFOA.**

23 (a) *LIST OF PFAS USES DEEMED ESSENTIAL.—Not*
24 *later than June 1, 2023, the Secretary of Defense shall sub-*
25 *mit to the Committees on Armed Services of the House of*

1 *Representatives and the Senate a list of each known use*
2 *of per- or polyfluoroalkyl substances that the Secretary has*
3 *deemed an essential use for which use of a replacement sub-*
4 *stance is impossible or impracticable. For each use so listed,*
5 *the Secretary shall—*

6 (1) *identify why the use is essential; and*

7 (2) *provide a brief explanation as to why such*
8 *replacement is impossible or impracticable, as the*
9 *case may be.*

10 (b) *ANNUAL BRIEFINGS.—Not later than 270 days*
11 *after the date of the enactment of this Act, and annually*
12 *thereafter, the Secretary of Defense shall provide to the*
13 *Committees on Armed Services of the House of Representa-*
14 *tives and the Senate a briefing that includes a description*
15 *of each of the following:*

16 (1) *Steps taken to identify covered items pro-*
17 *cured by the Department of Defense that contain*
18 *perfluorooctane sulfonate (PFOS) or perfluorooctanoic*
19 *acid (PFOA).*

20 (2) *Steps taken to identify products and vendors*
21 *of covered items that do not contain PFOS or PFOA.*

22 (3) *Steps taken to limit the procurement by the*
23 *Department of covered items that contain PFOS or*
24 *PFOA.*

1 (4) *Steps the Secretary intends to take to limit*
2 *the procurement of covered items that contain PFOS*
3 *or PFOA.*

4 (c) *COVERED ITEM DEFINED.—In this section, the*
5 *term “covered item” means—*

6 (1) *nonstick cookware or cooking utensils for use*
7 *in galleys or dining facilities; and*

8 (2) *upholstered furniture, carpets, and rugs that*
9 *have been treated with stain-resistant coatings.*

10 ***Subtitle E—Logistics and***
11 ***Sustainment***

12 ***SEC. 351. RESOURCES REQUIRED FOR ACHIEVING MATE-***
13 ***RIEL READINESS METRICS AND OBJECTIVES***
14 ***FOR MAJOR DEFENSE ACQUISITION PRO-***
15 ***GRAMS.***

16 (a) *IN GENERAL.—Section 118 of title 10, United*
17 *States Code, is amended:*

18 (1) *in subsection (d)(2), by striking “objectives”*
19 *and inserting “objectives, such as infrastructure,*
20 *workforce, or supply chain considerations”;*

21 (2) *redesignating subsection (e) as subsection (f);*
22 *and*

23 (3) *inserting after subsection (d) the following*
24 *new subsection (e):*

1 “(e) *FUNDING ESTIMATES.*—Not later than five days
2 after the date on which the Secretary of Defense submits
3 to Congress the materials in support of the budget of the
4 President for a fiscal year, the Director of Cost Assessment
5 and Performance Evaluation shall submit to the congres-
6 sional defense committees a comprehensive estimate of the
7 funds necessary to meet the materiel readiness objectives re-
8 quired by subsection (c) through the period covered by the
9 most recent future-years defense program. At a minimum,
10 the Director shall provide, for each major weapon system,
11 by designated mission design series, variant, or class, a
12 comprehensive estimate of the funds necessary to meet such
13 objectives that—

14 “(1) have been obligated by subactivity group
15 within the operation and maintenance accounts for
16 the second fiscal year preceding the budget year;

17 “(2) the Director estimates will have been obli-
18 gated by subactivity group within the operation and
19 maintenance accounts by the end of the fiscal year
20 preceding the budget year; and

21 “(3) have been budgeted and programmed across
22 the future years defense program within the operation
23 and maintenance accounts by subactivity group.”.

24 “(b) *PHASED IMPLEMENTATION.*—The Director of Cost
25 Assessment and Performance Evaluation, may meet the re-

1 *quirements of subsection (e) of section 118 of title 10,*
2 *United States Code, as added by subsection (a), through a*
3 *phased submission of the funding estimates required under*
4 *such subsection. In conducting a phased implementation,*
5 *the Director shall ensure that—*

6 (1) *for the budget request for fiscal year 2024,*
7 *funding estimates are provided for a representative*
8 *sample by military department of at least one-third*
9 *of the major weapon systems;*

10 (2) *for the budget request for fiscal year 2025,*
11 *funding estimates are provided for an additional one-*
12 *third of the major weapon systems; and*

13 (3) *full implementation for all major weapons*
14 *systems is completed not later than five days after the*
15 *date on which the Secretary of Defense submits to*
16 *Congress the materials in support of the budget of the*
17 *President for fiscal year 2026.*

18 **SEC. 352. ANNUAL PLAN FOR MAINTENANCE AND MOD-**

19 **ERNIZATION OF NAVAL VESSELS.**

20 (a) *ANNUAL PLAN.*—*Section 231 of title 10, United*
21 *States Code, is amended—*

22 (1) *in the heading, by inserting “, **mainte-***
23 ***nance, and modernization**” after “**construc-***
24 ***tion**”;*

1 (2) by redesignating subsections (d) through (f)
2 as subsections (e) through (g), respectively;

3 (3) by inserting after subsection (c) the following
4 new subsection:

5 “(d) ANNUAL PLAN FOR MAINTENANCE AND MOD-
6 ERNIZATION OF NAVAL VESSELS.—In addition to the plan
7 included under subsection (a)(1), the Secretary of Defense
8 shall include with the defense budget materials for a fiscal
9 year each of the following:

10 “(1) A plan for the maintenance and moderniza-
11 tion of naval vessels that includes the following:

12 “(A) A forecast of the maintenance and
13 modernization requirements for both the naval
14 vessels in the inventory of the Navy and the ves-
15 sels required to be delivered under the naval ves-
16 sel construction plan under subsection (a)(1).

17 “(B) A description of the initiatives of the
18 Secretary of the Navy to ensure that activities
19 key to facilitating the maintenance and mod-
20 ernization of naval vessels (including with re-
21 spect to increasing workforce and industrial base
22 capability and capacity, shipyard level-loading,
23 and facility improvements) receive sufficient
24 resourcing, and are including in appropriate

1 *planning, to facilitate the requirements specified*
2 *in subparagraph (A).*

3 “(2) *A certification by the Secretary that both*
4 *the budget for that fiscal year and the future-years de-*
5 *fense program submitted to Congress in relation to*
6 *such budget under section 221 of this title provide for*
7 *funding for the maintenance and modernization of*
8 *naval vessels at a level that is sufficient for such*
9 *maintenance and modernization in accordance with*
10 *the plan under paragraph (1).”*; and

11 *(4) in subsection (f), as redesignated by para-*
12 *graph (2), by inserting “ and the plan and certifi-*
13 *cation under subsection (d)” after “subsection (a)”.*

14 **(b) CLERICAL AMENDMENT.**—*The table of sections at*
15 *the beginning of chapter 9 of title 10, United States Code,*
16 *is amended by striking the item relating to section 231 and*
17 *inserting the following new item:*

“231. Budgeting for construction, maintenance, and modernization of naval ves-
sels: annual plan and certification.”.

18 **SEC. 353. INDEPENDENT STUDY RELATING TO FUEL DIS-**
19 **TRIBUTION LOGISTICS ACROSS UNITED**
20 **STATES INDO-PACIFIC COMMAND.**

21 **(a) STUDY.**—*Not later than the 30 days after the date*
22 *of the enactment of this Act, the Secretary of Defense shall*
23 *seek to enter into a contract with a federally funded re-*
24 *search and development center to conduct a study on fuel*

1 *distribution logistics in the area of responsibility of the*
2 *United States Indo-Pacific Command.*

3 (b) *CRITERIA FOR FFRDC.*—*The federally funded re-*
4 *search and development center with which the Secretary*
5 *seeks to enter into an contract under subsection (a) shall*
6 *meet the following criteria, as determined by the Secretary:*

7 (1) *A primary focus on the conduct of studies*
8 *and analysis.*

9 (2) *A demonstrated record of conducting research*
10 *and analysis using a multidisciplinary approach.*

11 (3) *A strong reputation for publishing publicly*
12 *releasable analysis to inform public debate.*

13 (c) *ELEMENTS.*—*The study conducted pursuant to sub-*
14 *section (a) shall include, with respect to the area of respon-*
15 *sibility of the United States Indo-Pacific Command, the fol-*
16 *lowing:*

17 (1) *An evaluation of the vulnerabilities associ-*
18 *ated with the production, refinement, and distribu-*
19 *tion of fuel by the Armed Forces during periods of*
20 *conflict and in contested logistics environments with-*
21 *in the area, including with respect to the capability*
22 *of the Armed Forces to sustain operational flights by*
23 *aircraft and joint force distributed operations.*

24 (2) *An assessment of potential adversary capa-*
25 *bilities to disrupt such fuel distribution in the area*

1 *through a variety of means, including financial*
2 *means, cyber means, and conventional kinetic attacks.*

3 (3) *An assessment of any gaps in the capability*
4 *or capacity of inter- or intra-theater fuel distribution,*
5 *including any gaps relating to storage, transfer plat-*
6 *forms, manning for platforms, command and control,*
7 *or fuel handling.*

8 (4) *An evaluation of the positioning of defense*
9 *fuel support points in the area, including with respect*
10 *to operational suitability and vulnerability to a vari-*
11 *ety of kinetic threats.*

12 (5) *An assessment of the readiness of allies and*
13 *partners of the United States to support the supply,*
14 *storage, and distribution of fuel by the Armed Forces*
15 *in the area, including a review of any relevant secu-*
16 *rity cooperation agreements entered into between the*
17 *United States and such allies and partners.*

18 (6) *An assessment of potential actions to miti-*
19 *gate any vulnerabilities identified pursuant to the*
20 *study.*

21 (d) *REPORT.—*

22 (1) *SUBMISSION TO SECRETARY OF DEFENSE.—*

23 (A) *IN GENERAL.—The Secretary of Defense*
24 *shall require, as a term of any contract entered*
25 *into with a federally funded research and devel-*

1 *opment center to conduct a study pursuant to*
2 *subsection (a), that not later than one year after*
3 *the date of entering into such contract, the feder-*
4 *ally funded research and development center*
5 *shall submit to the Secretary a report containing*
6 *the findings of the study.*

7 (B) *FORM.—The report under subpara-*
8 *graph (A) shall be submitted in an unclassified*
9 *and publicly releasable form, but may contain a*
10 *classified annex.*

11 (2) *SUBMISSION TO CONGRESS.—Not later than*
12 *30 days after the date on which the Secretary of De-*
13 *fense receives the report under paragraph (1), the Sec-*
14 *retary shall submit to the appropriate congressional*
15 *committees a copy of such report, submitted without*
16 *change.*

17 (e) *DEFINITIONS.—In this section:*

18 (1) *The term “appropriate congressional com-*
19 *mittees” means—*

20 (A) *the congressional defense committees;*

21 (B) *the Committee on Transportation and*
22 *Infrastructure of the House of Representatives;*
23 *and*

24 (C) *the Committee on Commerce, Science,*
25 *and Transportation of the Senate.*

1 (2) *The term “contested logistics environment”*
2 *has the meaning given that term in section 2926 of*
3 *title 10, United States Code.*

4 ***Subtitle F—Matters Relating to De-***
5 ***pots and Ammunition Produc-***
6 ***tion Facilities***

7 ***SEC. 361. BUDGETING FOR DEPOT AND AMMUNITION PRO-***
8 ***DUCTION FACILITY MAINTENANCE AND RE-***
9 ***PAIR: ANNUAL REPORT.***

10 *Chapter 9 of title 10, United States Code, is amended*
11 *by adding at the end the following new section (and con-*
12 *forming the table of sections at the beginning of such chap-*
13 *ter accordingly):*

14 ***“§ 239d. Budgeting for depot and ammunition produc-***
15 ***tion facility maintenance and repair: an-***
16 ***nual report***

17 ***“(a) ANNUAL REPORT.—The Secretary of Defense, in***
18 ***coordination with the Secretaries of the military depart-***
19 ***ments, shall include with the defense budget materials for***
20 ***each fiscal year a report regarding the maintenance and***
21 ***repair of covered facilities.***

22 ***“(b) ELEMENTS.—Each report required under sub-***
23 ***section (a) shall include, at a minimum, the following***
24 ***(disaggregated by military department):***

1 “(1) With respect to each of the three fiscal years
2 preceding the fiscal year covered by the defense budget
3 materials with which the report is included, revenue
4 data for that fiscal year for the maintenance, repair,
5 and overhaul workload funded at all the depots of the
6 military department.

7 “(2) With respect to the fiscal year covered by
8 the defense budget materials with which the report is
9 included and each of the two fiscal years prior, an
10 identification of the following:

11 “(A) The amount of appropriations budg-
12 eted for that fiscal year for depots, further
13 disaggregated by the type of appropriation.

14 “(B) The amount budgeted for that fiscal
15 year for working-capital fund investments by the
16 Secretary of the military department for the cap-
17 ital budgets of the covered depots of the military
18 department, shown in total and further
19 disaggregated by whether the investment relates
20 to the efficiency of depot facilities, work environ-
21 ment, equipment, equipment (non-capital invest-
22 ment program), or processes.

23 “(C) The total amount required to be in-
24 vested by the Secretary of the military depart-
25 ment for that fiscal year for the capital budgets

1 *of covered depots pursuant to section 2476(a) of*
2 *this title.*

3 *“(D) A comparison of the budgeted amount*
4 *identified under subparagraph (B) with the total*
5 *required amount identified under subparagraph*
6 *(C).*

7 *“(E) For each covered depot of the military*
8 *department, of the total required amount identi-*
9 *fied under subparagraph (C), the percentage of*
10 *such amount allocated, or projected to be allo-*
11 *cated, to the covered depot for that fiscal year.*

12 *“(3) For each covered facility of the military de-*
13 *partment, the following:*

14 *“(A) Information on the average facility*
15 *condition, average critical facility condition, res-*
16 *toration and maintenance project backlog, and*
17 *average equipment age, including a description*
18 *of any changes in such metrics from previous*
19 *years.*

20 *“(B) Information on the status of the imple-*
21 *mentation at the covered facility of the plans*
22 *and strategies of the Department of Defense re-*
23 *lating to covered facility improvement, includ-*
24 *ing, as applicable, the implementation of the*
25 *strategy required under section 359 of the Na-*

1 *tional Defense Authorization Act for Fiscal Year*
2 *2020 (Public Law 116–92; 133 Stat. 1323; 10*
3 *U.S.C. 2460 note).*

4 “(c) *DEFINITIONS.—In this section:*

5 “(1) *The term ‘ammunition production facility’*
6 *means an ammunition organic industrial base pro-*
7 *duction facility.*

8 “(2) *The terms ‘budget’ and ‘defense budget ma-*
9 *terials’ have the meaning given those terms in section*
10 *234 of this title.*

11 “(3) *The term ‘covered depot’ has the meaning*
12 *given that term in section 2476 of this title.*

13 “(4) *The term ‘covered facility’ means a covered*
14 *depot or an ammunition production facility.”.*

15 **SEC. 362. EXTENSION OF AUTHORIZATION OF DEPOT WORK-**
16 **ING CAPITAL FUNDS FOR UNSPECIFIED**
17 **MINOR MILITARY CONSTRUCTION.**

18 *Section 2208(u)(4) of title 10, United States Code, is*
19 *amended by striking “2023” and inserting “2025”.*

20 **SEC. 363. MODIFICATION TO MINIMUM CAPITAL INVEST-**
21 **MENT FOR CERTAIN DEPOTS.**

22 *(a) MODIFICATION.—Section 2476 of title 10, United*
23 *States Code, is amended—*

24 *(1) in subsection (a)—*

1 (A) by striking “six” and inserting “eight”;

2 and

3 (B) by adding at the end the following new
4 sentence: “Of such total amount required to be
5 invested, an amount equal to not less than two
6 percent of such average total for the preceding
7 three fiscal years shall be invested from funds
8 authorized for Facilities Sustainment, Restora-
9 tion, and Modernization activities of the mili-
10 tary department.”; and

11 (2) in subsection (b), by inserting “ including
12 through the rebuilding of property following the end
13 of the economic useful life of the property and the res-
14 toration of property or equipment to like-new condi-
15 tion,” after “operations,”;

16 (3) by redesignating subsections (c) through (e)
17 as subsections (d) through (f); and

18 (4) by inserting after subsection (b) the following
19 new subsection:

20 “(c) COMPLIANCE WITH CERTAIN REQUIREMENTS.—

21 In identifying amounts to invest pursuant to the require-
22 ment under subsection (a), the Secretary of a military de-
23 partment shall comply with all applicable requirements of
24 sections 129 and 129a of this title.”.

1 (b) *CONFORMING AMENDMENT.*—Section 2861(b) of
2 such title is amended by striking “subsection (e) of section
3 2476” and inserting “subsection (f) of section 2476”.

4 (c) *APPLICABILITY.*—The amendments made by sub-
5 section (a) shall apply with respect to fiscal years beginning
6 on or after October 1, 2023.

7 **SEC. 364. CONTINUATION OF REQUIREMENT FOR BIENNIAL**
8 **REPORT ON CORE DEPOT-LEVEL MAINTENANCE AND REPAIR.**
9

10 (a) *IN GENERAL.*—Section 1080(a) of the National De-
11 fense Authorization Act for Fiscal Year 2016 (Public Law
12 114–92; 129 Stat. 1000; 10 U.S.C. 111 note) does not apply
13 to the report required to be submitted to Congress under
14 section 2464(d) of title 10, United States Code.

15 (b) *CONFORMING REPEAL.*—Section 1061(c) of the Na-
16 tional Defense Authorization Act for Fiscal Year 2017 (Pub-
17 lic Law 114–328; 130 Stat. 2401; 10 U.S.C. 111 note) is
18 amended by striking paragraph (45).

19 **SEC. 365. CONTINUATION OF REQUIREMENT FOR ANNUAL**
20 **REPORT ON FUNDS EXPENDED FOR PER-**
21 **FORMANCE OF DEPOT-LEVEL MAINTENANCE**
22 **AND REPAIR WORKLOADS.**

23 (a) *IN GENERAL.*—Section 1080(a) of the National De-
24 fense Authorization Act for Fiscal Year 2016 (Public Law
25 114–92; 129 Stat. 1000; 10 U.S.C. 111 note) does not apply

1 *to the report required to be submitted to Congress under*
2 *section 2466(d) of title 10, United States Code.*

3 *(b) CONFORMING REPEAL.—Section 1061(c) of the Na-*
4 *tional Defense Authorization Act for Fiscal Year 2017 (Pub-*
5 *lic Law 114–328; 130 Stat. 2401; 10 U.S.C. 111 note) is*
6 *amended by striking paragraph (46).*

7 **SEC. 366. FIVE-YEAR PLANS FOR IMPROVEMENTS TO DEPOT**
8 **AND AMMUNITION PRODUCTION FACILITY IN-**
9 **FRAStructure.**

10 *(a) FIVE-YEAR PLANS REQUIRED.—Concurrent with*
11 *the submission to Congress of the budget of the President*
12 *for each of fiscal years 2024, 2025, 2026, 2027, and 2028*
13 *pursuant to section 1105(a) of title 31, United States Code,*
14 *each Secretary of a military department shall submit to*
15 *the congressional defense committees a report containing a*
16 *description of the plan of that Secretary to improve depot*
17 *and ammunition production facility infrastructure during*
18 *the five fiscal years following the fiscal year for which such*
19 *budget is submitted, with the objective of ensuring that all*
20 *covered facilities have the capacity and capability to sup-*
21 *port the readiness and material availability goals of current*
22 *and future weapon systems of the Department of Defense.*

23 *(b) ELEMENTS.—Each plan required pursuant to sub-*
24 *section (a) shall include, with respect to the depots and am-*

1 *munition production facilities of the military department*
2 *for which the plan is submitted, the following:*

3 *(1) A comprehensive review of the conditions and*
4 *performance of each covered facility, including the fol-*
5 *lowing:*

6 *(A) An assessment of the current status of*
7 *the following elements:*

8 *(i) Cost and schedule performance of*
9 *the covered facility.*

10 *(ii) Material availability of weapon*
11 *systems supported at the covered facility*
12 *and the impact of the performance of the*
13 *covered facility on that availability.*

14 *(iii) Work in progress and non-oper-*
15 *ational items awaiting covered facility*
16 *maintenance.*

17 *(iv) The condition of the covered facil-*
18 *ity.*

19 *(v) The backlog of restoration and*
20 *modernization projects at the covered facil-*
21 *ity.*

22 *(vi) The condition of equipment at the*
23 *covered facility.*

24 *(vii) The vulnerability of the covered*
25 *facility to adverse environmental conditions*

1 and, if necessary, the investment required to
2 withstand those conditions.

3 (B) With respect to the five-year period cov-
4 ered by the plan, an identification of the major
5 lines of effort, milestones, and specific goals over
6 such period to address the elements specified in
7 subparagraph (A) and a description of how such
8 goals serve the long-term strategies of the Depart-
9 ment of Defense relating to covered facility im-
10 provement, including, as applicable, the strategy
11 required under section 359 of the National De-
12 fense Authorization Act for Fiscal Year 2020
13 (Public Law 116–92; 133 Stat. 1323; 10 U.S.C.
14 2460 note).

15 (2) The estimated costs of necessary depot and
16 ammunition production facility improvements and a
17 description of how such costs would be addressed by
18 the Department of Defense budget request submitted
19 during the same year as the plan and the applicable
20 future-years defense program.

21 (3) Information regarding the plan of the Sec-
22 retary of the military department to initiate such en-
23 vironmental and engineering studies as may be nec-
24 essary to carry out planned depot and ammunition
25 production facility improvements.

1 (4) *Detailed information regarding how depot*
2 *improvement projects and ammunition production fa-*
3 *ility improvement projects will be paced and*
4 *sequenced to ensure continuous operations.*

5 (c) *INCORPORATION OF RESULTS-ORIENTED MANAGE-*
6 *MENT PRACTICES.—Each plan required pursuant to sub-*
7 *section (a) shall incorporate the leading results-oriented*
8 *management practices identified in the report of the Comp-*
9 *troller General of the United States titled “Actions Needed*
10 *to Improve Poor Conditions of Facilities and Equipment*
11 *that Affect Maintenance Timeliness and Efficiency” (GAO–*
12 *19–242), or any successor report, including—*

13 (1) *analytically based goals;*
14 (2) *results-oriented metrics;*
15 (3) *the identification of required resources, risks,*
16 *and stakeholders; and*
17 (4) *regular reporting on progress to decision-*
18 *makers.*

19 (d) *DEFINITIONS.—In this section:*

20 (1) *The term “ammunition production facility”*
21 *means an ammunition organic industrial base pro-*
22 *duction facility.*

23 (2) *The term “covered depot” has the meaning*
24 *given that term in section 2476 of title 10, United*
25 *States Code.*

1 (3) *The term “covered facility” means a covered*
2 *depot or an ammunition production facility.*

3 **SEC. 367. CLARIFICATION OF CALCULATION FOR CERTAIN**
4 **WORKLOAD CARRYOVER OF DEPARTMENT OF**
5 **ARMY.**

6 *For purposes of calculating the amount of workload*
7 *carryover with respect to the depots and arsenals of the De-*
8 *partment of the Army, the Secretary of Defense shall au-*
9 *thorize the Secretary of the Army to use a calculation for*
10 *such carryover that applies a material end of period exclu-*
11 *sion.*

12 **Subtitle G—Reports**

13 **SEC. 371. ANNUAL REPORTS BY DEPUTY SECRETARY OF DE-**
14 **FENSE ON ACTIVITIES OF JOINT SAFETY**
15 **COUNCIL.**

16 *Section 184(k) of title 10, United States Code is*
17 *amended—*

18 (1) *by striking “REPORT.—The Chair” and in-*
19 *serting “REPORTS.—(1) The Chair”; and*

20 (2) *by adding at the end the following new para-*
21 *graph:*

22 “(2) *Not later than December 31, 2022, and on an an-*
23 *nual basis thereafter, the Deputy Secretary of Defense shall*
24 *submit to the congressional defense committees a report con-*
25 *taining—*

1 “(A) a summary of the goals and priorities of
2 the Deputy Secretary for the year following the date
3 of the submission of the report with respect to the ac-
4 tivities of the Council; and

5 “(B) an assessment by the Deputy Secretary of
6 the activities of the Council carried out during the
7 year preceding the date of such submission.”.

8 **SEC. 372. QUARTERLY REPORTS ON EXPENDITURES FOR**
9 **ESTABLISHMENT OF FUEL DISTRIBUTION**
10 **POINTS IN INDOPACOM AREA OF RESPONSI-**
11 **BILITY.**

12 (a) *QUARTERLY REPORTS REQUIRED.*—The Com-
13 mander of United States Indo-Pacific Command shall sub-
14 mit to the congressional defense committees quarterly re-
15 ports on the use of the funds described in subsection (c) until
16 the date on which all such funds are expended.

17 (b) *CONTENTS OF REPORT.*—Each report required
18 under subsection (a) shall include an expenditure plan for
19 the establishment of fuel distribution points in the area of
20 responsibility of United States Indo-Pacific Command re-
21 lating to the defueling and closure of the Red Hill Bulk
22 Fuel Storage Facility.

23 (c) *FUNDS DESCRIBED.*—The funds described in this
24 subsection are the amounts authorized to be appropriated
25 or otherwise made available for fiscal year 2023 for Mili-

1 tary Construction, Defense-wide for Planning and Design
2 for United States Indo-Pacific Command.

3 **Subtitle H—Other Matters**

4 **SEC. 381. ACCOUNTABILITY FOR MILITARY WORKING DOGS.**

5 (a) *IN GENERAL.*—Chapter 50 of title 10, United
6 States Code, is amended by adding at the end the following
7 new section (and conforming the table of sections at the be-
8 ginning of such chapter accordingly):

9 **“§ 995. Accountability for military working dogs**

10 “(a) *ANNUAL REPORTING REQUIREMENT FOR CON-*
11 *TRACTORS.*—

12 “(1) *REQUIREMENT.*—The Secretary of Defense
13 shall require that each covered contractor submit to
14 the Under Secretary of Defense (Comptroller), on an
15 annual basis for the contract period, a report con-
16 taining an identification of—

17 “(A) the number of military working dogs
18 that are in the possession of the covered con-
19 tractor and located outside of the continental
20 United States in support of a military oper-
21 ation, if any; and

22 “(B) the primary location of any such mili-
23 tary working dogs.

24 “(2) *GUIDANCE.*—The Under Secretary of De-
25 fense (Comptroller) shall issue guidance on the an-

1 *nual reporting requirement under paragraph (1) for*
2 *purposes of carrying out this section.*

3 “(b) *ANNUAL REPORT TO CONGRESS.*—*Not later than*
4 *March 1, 2023, and on an annual basis thereafter, the Sec-*
5 *retary of Defense shall submit to the congressional defense*
6 *a committees a report on the implementation of this section.*

7 “(c) *COVERED CONTRACTOR DEFINED.*—*The term*
8 *‘covered contractor’ means a contractor of the Department*
9 *of Defense the contract of which the Secretary determines*
10 *involves military working dogs.”*

11 (b) *APPLICABILITY.*—*The amendments made by sub-*
12 *section (a) shall apply with respect to contracts entered into*
13 *on or after the date of the enactment of this Act.*

14 (c) *DEADLINE FOR GUIDANCE.*—*Not later than 180*
15 *days after the date of the enactment of this Act, the Under*
16 *Secretary of Defense (Comptroller) shall issue the guidance*
17 *specified in section 995(a)(2) of title 10, United States*
18 *Code, as added by subsection (a).*

19 (d) *REGULATIONS TO PROHIBIT ABANDONMENT.*—*Not*
20 *later than 2 years after the date of the enactment of this*
21 *Act, the Secretary of Defense shall issue regulations to pro-*
22 *hibit the abandonment of military working dogs used in*
23 *support of a military operation outside of the continental*
24 *United States.*

1 **SEC. 382. MEMBERSHIP OF COAST GUARD ON JOINT SAFETY**
2 **COUNCIL.**

3 *Section 184(b)(1) of title 10, United States Code, is*
4 *amended—*

5 *(1) by redesignating subparagraph (D) as sub-*
6 *paragraph (E); and*

7 *(2) by inserting after subparagraph (C) the fol-*
8 *lowing new subparagraph:*

9 *“(D) During periods in which the Coast Guard*
10 *is not operating as a service in the Department of the*
11 *Navy, an officer of the Coast Guard, appointed by the*
12 *Secretary of Homeland Security.”.*

13 **SEC. 383. REQUIREMENT OF SECRETARY OF DEFENSE TO**
14 **REIMBURSE STATE COSTS OF FIGHTING CER-**
15 **TAIN WILDLAND FIRES.**

16 *(a) REQUIREMENT.—Section 2691(d) of title 10,*
17 *United States Code, is amended by striking “may” and in-*
18 *serting “shall”.*

19 *(b) APPLICABILITY.—The amendment made by sub-*
20 *section (a) shall apply with respect to any lease, permit,*
21 *license, or other grant of access that the Secretary of Defense*
22 *enters into, or grants, on or after the date of the enactment*
23 *of this Act.*

1 **SEC. 384. EXPANDED CONSULTATION IN TRAINING OF NA-**
2 **TIONAL GUARD PERSONNEL ON WILDFIRE**
3 **RESPONSE.**

4 *Section 351 of the National Defense Authorization Act*
5 *for Fiscal Year 2018 (Public Law 115–91) is amended by*
6 *inserting “and the National Interagency Fire Center” after*
7 *“Bureau”.*

8 **SEC. 385. INTERAGENCY COLLABORATION AND EXTENSION**
9 **OF PILOT PROGRAM ON MILITARY WORKING**
10 **DOGS AND EXPLOSIVES DETECTION.**

11 *(a) EXTENSION OF PILOT PROGRAM.—Section 381(b)*
12 *of the National Defense Authorization Act for Fiscal Year*
13 *2022 (Public Law 117–81; 135 Stat. 1672; 10 U.S.C. 3062*
14 *note) is amended by striking “2024” and inserting “2025”.*

15 *(b) REVIEW OF RESEARCH EFFORTS OF DEPARTMENT*
16 *OF DEFENSE AND DEPARTMENT OF HOMELAND SECU-*
17 *RITY.—*

18 *(1) REVIEW.—The Secretary of Defense, in co-*
19 *ordination with the Secretary of Homeland Security,*
20 *shall conduct a review of the recent and ongoing re-*
21 *search, testing, and evaluation efforts of the Depart-*
22 *ment of Defense and the Department of Homeland Se-*
23 *curity, respectively, regarding explosives detection*
24 *working dogs.*

25 *(2) MATTERS.—The review under paragraph (1)*
26 *shall include an analysis of the following:*

1 (A) Any recent or ongoing research efforts of
2 the Department of Defense or the Department of
3 Homeland Security, respectively, relating to ex-
4 plosives detection working dogs, and any simi-
5 larities between such efforts.

6 (B) Any recent or ongoing veterinary re-
7 search efforts of the Department of Defense or the
8 Department of Homeland Security, respectively,
9 relating to working dogs, canines, or other areas
10 that may be relevant to the improvement of the
11 breeding, health, performance, or training of ex-
12 plosives detection working dogs.

13 (C) Any research areas relating to explo-
14 sives detection working dogs in which there is a
15 need for ongoing research but no such ongoing
16 research is being carried out by either the Sec-
17 retary of Defense or the Secretary of Homeland
18 Security, particularly with respect to the health,
19 domestic breeding, and training of explosives de-
20 tection working dogs.

21 (D) How the recent and ongoing research ef-
22 forts of the Department of Defense and the De-
23 partment of Homeland Security, respectively,
24 may improve the domestic breeding of working
25 dogs, including explosives detection working

1 *dogs, and the health outcomes and performance*
2 *of such domestically bred working dogs, includ-*
3 *ing through coordination with academic or in-*
4 *dustry partners with experience in research re-*
5 *lating to working dogs.*

6 *(E) Potential opportunities for the Sec-*
7 *retary of Defense to collaborate with the Sec-*
8 *retary of Homeland Security on research relat-*
9 *ing to explosives detection working dogs.*

10 *(F) Any research partners of the Depart-*
11 *ment of Defense or the Department of Homeland*
12 *Security, or both, that may be beneficial in as-*
13 *sisting with the research efforts and areas de-*
14 *scribed in this subsection.*

15 *(c) PLAN REQUIRED.—Not later than 180 days of the*
16 *date of the enactment of this Act, the Secretary of Defense*
17 *shall submit to the congressional defense committees a plan*
18 *for the Secretary of Defense to collaborate, as appropriate,*
19 *with the Secretary of Homeland Security on research relat-*
20 *ing to explosives detection working dogs and other relevant*
21 *matters. Such plan shall include the following:*

22 *(1) An analysis of potential opportunities for*
23 *collaboration between the Secretary of Defense and the*
24 *Secretary of Homeland Security on the research ef-*
25 *forts and areas described in subsection (a)(2).*

1 (2) *An identification of specific programs or*
2 *areas of research for such collaboration.*

3 (3) *An identification of any additional agree-*
4 *ments or authorities necessary for the Secretaries to*
5 *carry out such collaboration.*

6 (4) *An identification of additional funding nec-*
7 *essary to carry out such collaboration.*

8 (5) *An analysis of potential coordination on the*
9 *research efforts and areas described in subsection*
10 *(a)(2) with academic and industry partners with ex-*
11 *perience in research relating to working dogs, includ-*
12 *ing an identification of potential opportunities for*
13 *such coordination in carrying out the collaboration*
14 *described in paragraph (1).*

15 (6) *A proposed timeline for the Secretary of De-*
16 *fense to engage in such collaboration, including spe-*
17 *cific proposed deadlines.*

18 (7) *Any other matters the Secretary of Defense*
19 *considers appropriate.*

20 (d) *EXPLOSIVES DETECTION WORKING DOG.—In this*
21 *section, the term “explosives detection working dog” means*
22 *a canine that, in connection with the work duties of the*
23 *canine performed for a Federal department or agency, is*
24 *certified and trained to detect odors indicating the presence*
25 *of explosives in a given object or area, in addition to the*

1 *performance of such other duties for the Federal department*
2 *or agency as may be assigned.*

3 **SEC. 386. ESTABLISHMENT OF ARMY AND AIR FORCE SAFE-**
4 **TY COMMANDS; IMPLEMENTATION OF ACCI-**
5 **DENT INVESTIGATION RECOMMENDATIONS.**

6 (a) *SAFETY COMMANDS.*—

7 (1) *ARMY SAFETY COMMAND.*—

8 (A) *ESTABLISHMENT.*—*Not later than 180*
9 *days after the date of the enactment of this Act,*
10 *the Secretary of the Army shall establish within*
11 *the Department of the Army an “Army Safety*
12 *Command”.*

13 (B) *COMMANDER.*—*There is a Commander*
14 *of the Army Safety Command. The Commander*
15 *shall be selected by the Secretary of the Army*
16 *from among the general officers of the Army who*
17 *hold a rank of major general or higher.*

18 (C) *DUTIES.*—*The duties of the Army Safe-*
19 *ty Command shall include, with respect to the*
20 *Army, the formulation of safety policy, the devel-*
21 *opment of risk management strategies, the moni-*
22 *toring of risk adjudication processes, the provi-*
23 *sion of safety-related training, and such other*
24 *duties as the Secretary of the Army may deter-*
25 *mine appropriate.*

1 (2) *AIR FORCE SAFETY COMMAND.*—

2 (A) *ESTABLISHMENT.*—Not later than 180
3 days after the date of the enactment of this Act,
4 the Secretary of the Air Force shall establish
5 within the Department of the Air Force an “Air
6 Force Safety Command”.

7 (B) *COMMANDER.*—There is a Commander
8 of the Air Force Safety Command. The Com-
9 mander shall be selected by the Secretary of the
10 Air Force from among the general officers of the
11 Air Force who hold a rank of major general or
12 higher.

13 (C) *DUTIES.*—The duties of the Air Force
14 Safety Command shall include, with respect to
15 the Air Force, the formulation of safety policy,
16 the development of risk management strategies,
17 the monitoring of risk adjudication processes, the
18 provision of safety-related training, and such
19 other duties as the Secretary of the Air Force
20 may determine appropriate.

21 (3) *TRANSFER OF PREEXISTING ORGANIZATIONAL*
22 *ELEMENTS.*—As of the date on which the Safety Com-
23 mand of a military department is established under
24 this subsection, any element of that military depart-
25 ment responsible for the duties of such Safety Com-

1 *mand as of the day before the date of such establish-*
2 *ment (including the duties, responsibilities, and per-*
3 *sonnel of any such element) shall be transferred to*
4 *such Safety Command.*

5 (4) *BRIEFINGS.*—*Not later than 90 days after*
6 *the date on which the Safety Command of a military*
7 *department is established under this subsection, the*
8 *Secretary of that military department shall provide*
9 *to the congressional defense committees a briefing on*
10 *the duties, assigned personnel, key lines of effort, and*
11 *organizational structure of such Safety Command.*

12 (b) *IMPLEMENTATION OF ACCIDENT INVESTIGATION*
13 *RECOMMENDATION.*—

14 (1) *ESTABLISHMENT OF RESPONSIBLE ENTI-*
15 *TIES.*—

16 (A) *ARMY.*—*Not later than 180 days of en-*
17 *actment of this Act, the Secretary of the Army*
18 *shall establish within the Department of the*
19 *Army an entity the primary responsibility of*
20 *which is to ensure the implementation across the*
21 *Army of recommended actions arising from acci-*
22 *dent investigations conducted by the Department*
23 *of Defense.*

24 (B) *AIR FORCE.*—*Not later than 180 days*
25 *of enactment of this Act, the Secretary of the Air*

1 *Force shall establish within the Department of*
2 *the Air Force an entity the primary responsi-*
3 *bility of which is to ensure the implementation*
4 *across the Air Force of recommended actions*
5 *arising from accident investigations conducted*
6 *by the Department of Defense.*

7 (2) *BRIEFINGS.*—*Not later than 90 days after*
8 *the date on which the Secretary of a military depart-*
9 *ment establishes a responsible entity under paragraph*
10 *(1), that Secretary shall provide to the congressional*
11 *defense committees a briefing on the duties, assigned*
12 *personnel, key lines of effort, and organizational*
13 *structure of such entity.*

14 **SEC. 387. NATIONAL STANDARDS FOR FEDERAL FIRE PRO-**
15 **TECTION AT MILITARY INSTALLATIONS.**

16 (a) *STANDARDS REQUIRED.*—*The Secretary of Defense*
17 *shall ensure that—*

18 (1) *members of the Armed Forces and employees*
19 *of Defense Agencies who provide fire protection serv-*
20 *ices to military installations shall comply with the*
21 *National Consensus Standards developed by the Na-*
22 *tional Fire Protection Association pursuant to section*
23 *12(d) of the National Technology Transfer and Ad-*
24 *vancement Act of 1995 (Pub. L. 104–113; 15 U.S.C.*
25 *272 note);*

1 (2) *the minimum staffing requirement for any*
2 *firefighting vehicle responding to a structural build-*
3 *ing emergency at a military installation is not less*
4 *than four firefighters per vehicle; and*

5 (3) *the minimum staffing requirement for any*
6 *firefighting vehicle responding to an aircraft or air-*
7 *field incident at a military installation is not less*
8 *than three firefighters per vehicle.*

9 (b) *DEFINITIONS.—In this section:*

10 (1) *The terms “Armed Forces” and “Defense*
11 *Agency” have the meanings given such terms in sec-*
12 *tion 101 of title 10, United States Code.*

13 (2) *The term “firefighter” has the meaning given*
14 *that term in section 707(b) of the National Defense*
15 *Authorization Act for Fiscal Year 2020 (Pub. L. 116–*
16 *92; 10 U.S.C. 1074m note).*

17 (3) *The term “military installation” has the*
18 *meaning given that term in section 2801 of title 10,*
19 *United States Code.*

20 **SEC. 388. PILOT PROGRAM FOR TACTICAL VEHICLE SAFETY**

21 **DATA COLLECTION.**

22 (a) *IN GENERAL.—Not later than one year after the*
23 *date of the enactment of this Act, the Secretary of the Army*
24 *and the Secretary of the Navy shall jointly carry out a pilot*
25 *program to evaluate the feasibility of using data recorders*

1 *to monitor, assess, and improve the readiness and safety*
2 *of the operation of military tactical vehicles (in this section*
3 *referred to as the “pilot program”).*

4 (b) *PURPOSES.—The purposes of the pilot program*
5 *are—*

6 (1) *to allow for the automated identification of*
7 *hazards and potential hazards on and off military in-*
8 *stallations;*

9 (2) *to mitigate and increase awareness of haz-*
10 *ards and potential hazards on and off military in-*
11 *stallations;*

12 (3) *to identify near-miss accidents;*

13 (4) *to create a standardized record source for ac-*
14 *cident investigations;*

15 (5) *to assess individual driver proficiency, risk,*
16 *and readiness;*

17 (6) *to increase consistency in the implementation*
18 *of military installation and unit-level range safety*
19 *programs across military installations and units;*

20 (7) *to evaluate the feasibility of incorporating*
21 *metrics generated from data recorders into the safety*
22 *reporting systems and to the Defense Readiness Re-*
23 *porting System as a measure of assessing safety risks,*
24 *mitigations, and readiness;*

1 (8) to determine the costs and benefits of retro-
2 fitting data recorders on legacy platforms and includ-
3 ing data recorders as a requirement in acquisition of
4 military tactical vehicles; and

5 (9) any other matters as determined by the Sec-
6 retary concerned.

7 (c) *REQUIREMENTS.*—In carrying out the pilot pro-
8 gram, the Secretary of the Army and the Secretary of the
9 Navy shall—

10 (1) assess the feasibility of using commercial
11 technology, such as smartphones or technologies used
12 by insurance companies, as a data recorder;

13 (2) test and evaluate a minimum of two data re-
14 corders that meet the pilot program requirements;

15 (3) select a data recorder capable of collecting
16 and exporting the telemetry data, event data, and
17 driver identification during operation and accidents;

18 (4) install and maintain a data recorder on a
19 sufficient number of each of the military tactical vehi-
20 cles listed under subsection (f) at installations selected
21 by the Secretary concerned under subsection (e) for
22 statistically significant results;

23 (5) establish and maintain a database that con-
24 tains telemetry data, driver data, and event data cap-
25 tured by the data recorder;

1 (6) regularly generate for each installation se-
2 lected under subsection (e) a dataset that is viewable
3 in widely available mapping software of hazards and
4 potential hazards based on telemetry data and event
5 data captured by the data recorders;

6 (7) generate actionable data sets and statistics
7 on individual, vehicle, and military installation;

8 (8) require commanders at the installations se-
9 lected under subsection (e) to incorporate the action-
10 able data sets and statistics into the installation
11 range safety program;

12 (9) require unit commanders at the installations
13 selected under subsection (e) to incorporate the action-
14 able data sets and statistics into the unit driver safety
15 program;

16 (10) evaluate the feasibility of integrating data
17 sets and statistics to improve driver certification and
18 licensing based on data recorded and generated by the
19 data recorders;

20 (11) use open architecture to the maximum ex-
21 tent practicable; and

22 (12) carry out any other activities determined by
23 the Secretary as necessary to meet the purposes under
24 subsection (b).

1 (d) *IMPLEMENTATION PLAN.*—Not later than 180 days
2 after the date of the enactment of this Act, the Secretary
3 of the Army and the Secretary of the Navy shall develop
4 a plan for implementing the pilot program.

5 (e) *LOCATIONS.*—Each Secretary concerned shall carry
6 out the pilot program at not fewer than one military instal-
7 lation in the United States selected by the Secretary con-
8 cerned that meets the following conditions:

9 (1) *Contains the necessary force structure, equip-*
10 *ment, and maneuver training ranges to collect driver*
11 *and military tactical vehicle data during training*
12 *and routine operation.*

13 (2) *Represents at a minimum one of the five*
14 *training ranges identified in the study by the Comp-*
15 *troller General of the United States titled “Army and*
16 *Marine Corps Should Take Additional Actions to*
17 *Mitigate and Prevent Training Accidents” that did*
18 *not track unit location during the training events.*

19 (f) *COVERED MILITARY TACTICAL VEHICLES.*—The
20 pilot program shall cover the following military tactical ve-
21 hicles:

22 (1) *Army Strykers.*

23 (2) *Marine Corps Light Armored Vehicles.*

24 (3) *Army Family of Medium Tactical Vehicles.*

1 (4) *Marine Corps Medium Tactical Vehicle Re-*
2 *placements.*

3 (5) *Army and Marine Corps High Mobility Mul-*
4 *tipurpose Wheeled Vehicles.*

5 (6) *Army and Marine Corps Joint Light Tac-*
6 *tical Vehicles.*

7 (7) *Army and United States Special Operations*
8 *Command Ground Mobility Vehicles.*

9 (8) *Army Infantry Squad Vehicles.*

10 (g) *METRICS.*—*The Secretaries shall develop metrics to*
11 *evaluate the effectiveness of the pilot program in moni-*
12 *toring, assessing, and improving vehicle safety, driver read-*
13 *iness, and mitigation of risk.*

14 (h) *REPORTS.*—

15 (1) *INITIAL.*—*Not later than 180 days after the*
16 *date of the enactment of this Act, the Secretary of the*
17 *Army and the Secretary of the Navy shall jointly sub-*
18 *mit to the congressional defense committees a report*
19 *on the pilot program that addresses the plan for im-*
20 *plementing the requirements under subsection (c), in-*
21 *cluding the established metrics under subsection (g).*

22 (2) *INTERIM.*—*Not later than three years after*
23 *the commencement of the pilot program, the Secretary*
24 *of the Army and the Secretary of the Navy shall joint-*
25 *ly submit to the congressional defense committees a*

1 *report on the status of the pilot program, including*
2 *the preliminary results in carrying out the pilot pro-*
3 *gram, the metrics generated during the pilot program,*
4 *disaggregated by military tactical vehicle, location,*
5 *and service, and the implementation plan under sub-*
6 *section (d).*

7 (3) *FINAL.*—

8 (A) *IN GENERAL.*—*Not later than 90 days*
9 *after the termination of the pilot program, the*
10 *Secretary of the Army and the Secretary of the*
11 *Navy shall jointly submit to the congressional*
12 *defense committees a report on the results of the*
13 *program.*

14 (B) *ELEMENTS.*—*The report required by*
15 *subparagraph (A) shall—*

16 (i) *assess the effectiveness of the pilot*
17 *program in meeting the purposes under sub-*
18 *section (b);*

19 (ii) *include the metrics generated dur-*
20 *ing the pilot program, disaggregated by*
21 *military tactical vehicle, location, and serv-*
22 *ice;*

23 (iii) *include the views of range per-*
24 *sonnel, unit commanders, and tactical vehi-*
25 *cle operators involved in the pilot program*

1 *on the level of effectiveness of the technology*
2 *selected;*

3 *(iv) provide a cost estimate for equip-*
4 *ping legacy military tactical vehicles with*
5 *data recorders;*

6 *(v) determine the instances in which*
7 *data recorders should be a requirement in*
8 *the acquisition of military tactical vehicles;*

9 *(vi) recommend whether the pilot pro-*
10 *gram should be expanded or made into a*
11 *program of record; and*

12 *(vii) recommend any statutory, regu-*
13 *latory, or policy changes required to sup-*
14 *port the purposes under subsection (b).*

15 *(i) TERMINATION.—The authority to carry out the*
16 *pilot program under subsection (a) shall terminate five*
17 *years after the date of the enactment of this Act.*

18 *(j) DEFINITIONS.—In this section:*

19 *(1) The term “accident” means a collision, roll-*
20 *over, or other mishap involving a motor vehicle.*

21 *(2) The term “data recorder” means technologies*
22 *installed in a motor vehicle to record driver identi-*
23 *fication, telemetry data, and event data related to the*
24 *operation of the motor vehicle.*

1 (3) *The term “driver identification” means data*
2 *enabling the unique identification of the driver oper-*
3 *ating a motor vehicle.*

4 (4) *The term “event data” includes data related*
5 *to—*

6 (A) *the start and conclusion of each vehicle*
7 *operation;*

8 (B) *a vehicle accident;*

9 (C) *a vehicle acceleration, velocity, or loca-*
10 *tion with an increased potential for an accident;*

11 *or*

12 (D) *a vehicle orientation with an increased*
13 *potential for an accident.*

14 (5) *The term “Secretary concerned” means—*

15 (A) *the Secretary of the Army with respect*
16 *to matters concerning the Army; and*

17 (B) *the Secretary of the Navy with respect*
18 *to matters concerning the Navy and Marine*
19 *Corps.*

20 (6) *The term “tactical vehicle” means a motor*
21 *vehicle designed to military specification, or a com-*
22 *mercial design motor vehicle modified to military*
23 *specification, to provide direct transportation support*
24 *of combat or tactical operations, or for the training*
25 *of personnel for such operations.*

- 1 (7) *The term “telemetry data” includes—*
- 2 (A) *time;*
- 3 (B) *vehicle distance traveled;*
- 4 (C) *vehicle acceleration and velocity;*
- 5 (D) *vehicle orientation, including roll,*
- 6 *pitch, and yaw; and*
- 7 (E) *vehicle location in a geographic coordi-*
- 8 *nate system, including elevation.*

9 ***TITLE IV—MILITARY PERSONNEL***

10 ***AUTHORIZATIONS***

11 ***Subtitle A—Active Forces***

12 ***SEC. 401. END STRENGTHS FOR ACTIVE FORCES.***

13 *The Armed Forces are authorized strengths for active*

14 *duty personnel as of September 30, 2023, as follows:*

- 15 (1) *The Army, 473,000.*
- 16 (2) *The Navy, 348,220.*
- 17 (3) *The Marine Corps, 177,000.*
- 18 (4) *The Air Force, 323,400.*
- 19 (5) *The Space Force, 8,600.*

20 ***SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END***

21 ***STRENGTH MINIMUM LEVELS.***

22 *Section 691(b) of title 10, United States Code, is*

23 *amended by striking paragraphs (1) through (5) and insert-*

24 *ing the following new paragraphs:*

- 25 “(1) *For the Army, 473,000.*

1 “(2) *For the Navy, 348,220.*

2 “(3) *For the Marine Corps, 177,000.*

3 “(4) *For the Air Force, 323,400.*

4 “(5) *For the Space Force, 8,600.*”.

5 ***Subtitle B—Reserve Forces***

6 ***SEC. 411. END STRENGTHS FOR SELECTED RESERVE.***

7 (a) *IN GENERAL.—The Armed Forces are authorized*
8 *strengths for Selected Reserve personnel of the reserve com-*
9 *ponents as of September 30, 2023, as follows:*

10 (1) *The Army National Guard of the United*
11 *States, 336,000.*

12 (2) *The Army Reserve, 189,500.*

13 (3) *The Navy Reserve, 57,700.*

14 (4) *The Marine Corps Reserve, 33,000.*

15 (5) *The Air National Guard of the United*
16 *States, 108,400.*

17 (6) *The Air Force Reserve, 70,000.*

18 (7) *The Coast Guard Reserve, 7,000.*

19 (b) *END STRENGTH REDUCTIONS.—The end strengths*
20 *prescribed by subsection (a) for the Selected Reserve of any*
21 *reserve component shall be proportionately reduced by—*

22 (1) *the total authorized strength of units orga-*
23 *nized to serve as units of the Selected Reserve of such*
24 *component which are on active duty (other than for*
25 *training) at the end of the fiscal year; and*

1 (2) *the total number of individual members not*
2 *in units organized to serve as units of the Selected*
3 *Reserve of such component who are on active duty*
4 *(other than for training or for unsatisfactory partici-*
5 *ipation in training) without their consent at the end*
6 *of the fiscal year.*

7 (c) *END STRENGTH INCREASES.—Whenever units or*
8 *individual members of the Selected Reserve of any reserve*
9 *component are released from active duty during any fiscal*
10 *year, the end strength prescribed for such fiscal year for*
11 *the Selected Reserve of such reserve component shall be in-*
12 *creased proportionately by the total authorized strengths of*
13 *such units and by the total number of such individual mem-*
14 *bers.*

15 **SEC. 412. END STRENGTHS FOR RESERVES ON ACTIVE**
16 **DUTY IN SUPPORT OF THE RESERVES.**

17 *Within the end strengths prescribed in section 411(a),*
18 *the reserve components of the Armed Forces are authorized,*
19 *as of September 30, 2023, the following number of Reserves*
20 *to be serving on full-time active duty or full-time duty, in*
21 *the case of members of the National Guard, for the purpose*
22 *of organizing, administering, recruiting, instructing, or*
23 *training the reserve components:*

24 (1) *The Army National Guard of the United*
25 *States, 30,845.*

1 (2) *The Army Reserve, 16,511.*

2 (3) *The Navy Reserve, 10,077.*

3 (4) *The Marine Corps Reserve, 2,388.*

4 (5) *The Air National Guard of the United*
5 *States, 26,630.*

6 (6) *The Air Force Reserve, 6,286.*

7 **SEC. 413. END STRENGTHS FOR MILITARY TECHNICIANS**
8 **(DUAL STATUS).**

9 *The minimum number of military technicians (dual*
10 *status) as of the last day of fiscal year 2023 for the reserve*
11 *components of the Army and the Air Force (notwith-*
12 *standing section 129 of title 10, United States Code) shall*
13 *be the following:*

14 (1) *For the Army National Guard of the United*
15 *States, 22,294.*

16 (2) *For the Army Reserve, 6,492.*

17 (3) *For the Air National Guard of the United*
18 *States, 9,892.*

19 (4) *For the Air Force Reserve, 6,696.*

20 **SEC. 414. MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**
21 **THORIZED TO BE ON ACTIVE DUTY FOR**
22 **OPERATIONAL SUPPORT.**

23 *During fiscal year 2023, the maximum number of*
24 *members of the reserve components of the Armed Forces who*
25 *may be serving at any time on full-time operational sup-*

1 port duty under section 115(b) of title 10, United States
2 Code, is the following:

3 (1) *The Army National Guard of the United*
4 *States, 17,000.*

5 (2) *The Army Reserve, 13,000.*

6 (3) *The Navy Reserve, 6,200.*

7 (4) *The Marine Corps Reserve, 3,000.*

8 (5) *The Air National Guard of the United*
9 *States, 16,000.*

10 (6) *The Air Force Reserve, 14,000.*

11 ***Subtitle C—Authorization of***
12 ***Appropriations***

13 ***SEC. 421. MILITARY PERSONNEL.***

14 (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*
15 *hereby authorized to be appropriated for fiscal year 2023*
16 *for the use of the Armed Forces and other activities and*
17 *agencies of the Department of Defense for expenses, not oth-*
18 *erwise provided for, for military personnel, as specified in*
19 *the funding table in section 4401.*

20 (b) *CONSTRUCTION OF AUTHORIZATION.—The author-*
21 *ization of appropriations in the subsection (a) supersedes*
22 *any other authorization of appropriations (definite or in-*
23 *definite) for such purpose for fiscal year 2023.*

1 **TITLE V—MILITARY PERSONNEL**
 2 **POLICY**

3 **Subtitle A—Officer Personnel Policy**

4 **SEC. 501. DISTRIBUTION OF COMMISSIONED OFFICERS ON**
 5 **ACTIVE DUTY IN GENERAL OFFICER AND**
 6 **FLAG OFFICER GRADES.**

7 *Section 525 of title 10, United States Code, is amend-*
 8 *ed—*

9 *(1) in subsection (a)—*

10 *(A) in the matter preceding paragraph (1),*
 11 *by striking “as follows:” and inserting an em*
 12 *dash;*

13 *(B) in paragraph (4)(C), by striking the pe-*
 14 *riod at the end and inserting “; and”; and*

15 *(C) by adding at the end the following new*
 16 *paragraph:*

17 *“(5) in the Space Force, if that appointment*
 18 *would result in more than—*

19 *“(A) 2 officers in the grade of general;*

20 *“(B) 7 officers in a grade above the grade*
 21 *of major general; or*

22 *“(C) 6 officers in the grade of major gen-*
 23 *eral.”;”;*

24 *(2) in subsection (c)—*

1 (A) in paragraph (1)(A), by striking “and
2 Marine Corps” and inserting “Marine Corps,
3 and Space Force”; and

4 (B) in paragraph (2), by striking “or Ma-
5 rine Corps” and inserting “Marine Corps, or
6 Space Force”; and

7 (3) in subsection (d), by striking “or Com-
8 mandant of the Marine Corps” and inserting “Com-
9 mandant of the Marine Corps, or Chief of Space Op-
10 erations”.

11 **SEC. 502. AUTHORIZED STRENGTH AFTER DECEMBER 31,**
12 **2022: GENERAL OFFICERS AND FLAG OFFI-**
13 **CERS ON ACTIVE DUTY.**

14 Section 526a of title 10, United States Code, is amend-
15 ed—

16 (1) in subsection (a)—

17 (A) in the matter preceding paragraph (1),
18 by striking “and Marine Corps” and inserting
19 “Marine Corps, and Space Force”;

20 (B) in paragraph (1), by striking “220”
21 and inserting “218”;

22 (C) in paragraph (2), by striking “151”
23 and inserting “149”;

24 (D) in paragraph (3), by striking “187”
25 and inserting “170”; and

1 (E) by adding at the end the following new
2 paragraph:

3 “(5) For the Space Force, 21.”; and

4 (2) in subsection (b)(2), by adding at the end the
5 following new subparagraph:

6 “(E) For the Space Force, 6.”.

7 **SEC. 503. EXCLUSION OF LEAD SPECIAL TRIAL COUNSEL**
8 **FROM LIMITATIONS ON GENERAL OFFICERS**
9 **AND FLAG OFFICERS ON ACTIVE DUTY.**

10 Section 526a of title 10, United States Code, as
11 amended by section 502, is further amended—

12 (1) by redesignating the second subsection (i) as
13 subsection (j);

14 (2) by redesignating subsections (g), (h), (i), and
15 (j) as subsections (h), (i), (j), and (k), respectively;
16 and

17 (3) by inserting after subsection (f) the following
18 new subsection:

19 “(g) **EXCLUSION OF OFFICERS SERVING AS LEAD SPE-**
20 **CIAL TRIAL COUNSEL.**—The limitations in subsection (a)
21 do not apply to a general or flag officer serving in the posi-
22 tion of lead special trial counsel pursuant to an appoint-
23 ment under section 1044f(a)(2) of this title.”.

1 **SEC. 504. CONSTRUCTIVE SERVICE CREDIT FOR CERTAIN**
2 **OFFICERS OF THE ARMED FORCES: AUTHOR-**
3 **IZATION; SPECIAL PAY.**

4 (a) *CONSTRUCTIVE SERVICE CREDIT FOR WARRANT*
5 *OFFICERS.*—Section 572 of title 10, United States Code, is
6 amended—

7 (1) by inserting “(a)” before “For the purposes”;
8 and

9 (2) by adding at the end the following new sub-
10 section:

11 “(b)(1) *The Secretary concerned shall credit a person*
12 *who is receiving an original appointment as a warrant offi-*
13 *cer in the regular component of an armed force under the*
14 *jurisdiction of such Secretary concerned, and who has ad-*
15 *vanced education or training or special experience, with*
16 *constructive service for such education, training, or experi-*
17 *ence, as follows:*

18 “(A) *For special training or experience in a par-*
19 *ticular warrant officer field designated by the Sec-*
20 *retary concerned, if such training or experience is di-*
21 *rectly related to the operational needs of the armed*
22 *force concerned, as determined by such Secretary con-*
23 *cerned.*

24 “(B) *For advanced education in a warrant offi-*
25 *cer field designated by the Secretary concerned, if*
26 *such education is directly related to the operational*

1 *needs of the armed force concerned, as determined by*
2 *such Secretary concerned.*

3 “(2) *The authority under this subsection expires on*
4 *December 31, 2027.*”.

5 **(b) SPECIAL PAY FOR CERTAIN OFFICERS COMMIS-**
6 **SIONED OR APPOINTED WITH CONSTRUCTIVE SERVICE**
7 **CREDIT.—**

8 **(1) ESTABLISHMENT.—***Subchapter II of chapter*
9 *5 of title 37, United States Code, is amended by in-*
10 *serting after section 336 the following new section:*

11 **“§ 337. Special pay: certain officers of the armed**
12 **forces commissioned or appointed with**
13 **constructive service credit**

14 **“(a) SPECIAL PAY AUTHORIZED.—***The Secretary con-*
15 *cerned may pay monthly special pay to an eligible officer*
16 *under this section.*

17 **“(b) ELIGIBLE OFFICER DEFINED.—***In this section,*
18 *the term ‘eligible officer’ means an officer who—*

19 **“(1)(A)** *received an original appointment in a*
20 *commissioned grade on or after the date of the enact-*
21 *ment of the National Defense Authorization Act for*
22 *Fiscal Year 2023; and*

23 **“(B)** *was credited by the Secretary of the mili-*
24 *tary department concerned with constructive service*
25 *under section 533(b)(1)(D) of title 10; or*

1 “(2)(A) was originally appointed in a warrant
2 officer grade on or after the date of the enactment of
3 the National Defense Authorization Act for Fiscal
4 Year 2023; and

5 “(B) was credited by the Secretary concerned
6 with constructive service under section 572(b) of title
7 10.

8 “(c) AMOUNT OF PAY.—The Secretary concerned shall
9 determine an amount of monthly special pay to pay to an
10 eligible officer under this section. Such amount may not
11 exceed \$5,000 per month.

12 “(d) RELATIONSHIP TO OTHER INCENTIVES.—Special
13 pay under this section is in addition to any other pay or
14 allowance to which an eligible officer is entitled.

15 “(e) SUNSET.—No special pay may be paid under this
16 section after December 31, 2027.”.

17 (2) CLERICAL AMENDMENT.—The table of sec-
18 tions at the beginning of such chapter is amended by
19 inserting after the item relating to section 336 the fol-
20 lowing:

“337. Special pay: certain officers of the armed forces commissioned or appointed
with constructive service credit.”.

21 (c) REGULATIONS.—The Secretaries concerned shall
22 prescribe regulations to carry out the amendments made by
23 this section not later than 180 days after the date of the
24 enactment of this Act.

1 (d) *REPORT.*—Not later than February 1, 2027, the
2 Secretary of Defense, in consultation with the Secretary of
3 Homeland Security, shall submit to the appropriate con-
4 gressional committees a report on the amendments made by
5 this section. Such report shall include—

6 (1) the evaluation of such amendments by the
7 Secretary; and

8 (2) the recommendation of the Secretary whether
9 such amendments should be made permanent.

10 (e) *DEFINITIONS.*—In this section:

11 (1) The term “appropriate congressional com-
12 mittees” means the following:

13 (A) The congressional defense committees.

14 (B) The Committee on Transportation and
15 Infrastructure of the House of Representatives.

16 (C) The Committee on Commerce, Science,
17 and Transportation of the Senate.

18 (2) The terms “congressional defense committees”
19 and “Secretary concerned” have the meanings given
20 such terms in section 101 of title 10, United States
21 Code.

22 **SEC. 505. CLARIFICATION OF GRADE OF SURGEON GEN-**
23 **ERAL OF THE NAVY.**

24 Section 8077 of title 10, United States Code, is amend-
25 ed by adding at the end the following new subsection:

1 “(c) *GRADE.*—*The Surgeon General, while so serving,*
2 *shall hold the grade of O-9.*”.

3 **SEC. 506. ASSESSMENTS OF STAFFING IN THE OFFICE OF**
4 **THE SECRETARY OF DEFENSE AND OTHER**
5 **DEPARTMENT OF DEFENSE HEADQUARTERS**
6 **OFFICES.**

7 (a) *OFFICE OF THE SECRETARY OF DEFENSE.*—*The*
8 *Secretary of Defense shall conduct an assessment of staffing*
9 *of the Office of the Secretary of Defense. Such assessment*
10 *shall including the following elements:*

11 (1) *A validation of every military staff billet as-*
12 *signed to the Office of the Secretary of Defense against*
13 *existing military personnel requirements.*

14 (2) *The estimated effect of returning 15 percent*
15 *of such military staff billets to operational activities*
16 *of the Armed Forces concerned, over a period of 36*
17 *months, would have on the office of the Secretary of*
18 *Defense and other Department of Defense Head-*
19 *quarters Offices.*

20 (3) *A plan and milestones for how reductions de-*
21 *scribed in paragraph (2) would occur, a schedule for*
22 *such reductions, and the process by which the billets*
23 *would be returned to the operational activities of the*
24 *Armed Forces concerned.*

1 (b) *OFFICE OF THE JOINT CHIEFS OF STAFF.*—The
2 *Chairman of the Joint Chiefs of Staff shall conduct an as-*
3 *essment of staffing of the Office of the Joint Chiefs of Staff.*

4 *Such assessment shall including the following elements:*

5 (1) *A validation of every military staff billet as-*
6 *signed to the Office of the Joint Chiefs of Staff*
7 *against existing military personnel requirements.*

8 (2) *The estimated effect of returning 15 percent*
9 *of such military staff billets to operational activities*
10 *of the Armed Forces concerned, over a period of 36*
11 *months, would have on the office of the Joint Staff*
12 *and the Chairman’s Controlled Activities and other*
13 *related Joint Staff Headquarters Offices.*

14 (3) *A plan and milestones for how reductions de-*
15 *scribed in paragraph (2) would occur, a schedule for*
16 *such reductions, and the process by which the billets*
17 *would be returned to the operational activities of the*
18 *Armed Forces concerned.*

19 (c) *INTERIM BRIEFING AND REPORT.*—

20 (1) *INTERIM BRIEFING.*—*Not later than April 1,*
21 *2023, the Secretary shall provide to the Committees*
22 *on Armed Services of the Senate and House of Rep-*
23 *resentatives an interim briefing on the assessments*
24 *under subsections (a) and (b).*

1 (2) *FINAL REPORT.*—Not later than one year
2 after the date of the enactment of this Act, the Sec-
3 retary shall submit to the Committees on Armed Serv-
4 ices of the Senate and House of Representatives a re-
5 port on the assessments under subsections (a) and (b).
6 Such report shall include the following:

7 (A) A validation of every military staff bil-
8 let assigned to the Office of the Secretary of De-
9 fense and the Joint Staff to include the Chair-
10 man's Controlled Activities against existing
11 military personnel requirements.

12 (B) The methodology and process through
13 which such validation was performed.

14 (C) Relevant statistical analysis on mili-
15 tary billet fill rates against validated require-
16 ments.

17 (D) An analysis of unvalidated military
18 billets currently performing staff support func-
19 tions,

20 (E) The rationale for why unvalidated mili-
21 tary billets may be required.

22 (F) The cost of military staff filling both
23 validated and unvalidated billets.

1 (G) *Lessons learned through the military*
2 *billet validation process and statistical analysis*
3 *under subparagraphs (B) through (F).*

4 (H) *Any other matters the Secretary deter-*
5 *mines relevant to understanding the use of mili-*
6 *tary staff billets described in subsections (a) and*
7 *(b).*

8 (I) *Any legislative, policy or budgetary rec-*
9 *ommendations of the Secretary related to the*
10 *subject matter of the report.*

11 **SEC. 507. SURVEY OF CHAPLAINS.**

12 (a) *DEVELOPMENT.*—*The Secretary of Defense shall*
13 *seek to enter into an agreement with a nonprofit entity or*
14 *a federally funded research and development center to de-*
15 *velop an anonymous survey of chaplains of the covered*
16 *Armed Forces. The survey shall include questions regarding*
17 *the following:*

18 (1) *Chaplain job satisfaction.*

19 (2) *The tools available for chaplains to minister*
20 *to members of the covered Armed Forces.*

21 (3) *Resources available to support religious pro-*
22 *grams.*

23 (4) *Inclusion of chaplains in resiliency and*
24 *wellness programs.*

1 (5) *The role of chaplains in embedded units,*
2 *headquarters activities. and military treatment facili-*
3 *ties.*

4 (6) *Recruitment and retention of chaplains.*

5 (7) *Any challenges in the ability of chaplains to*
6 *offer ministry services.*

7 (b) *ADMINISTRATION.—The Secretary shall administer*
8 *the survey not later than 180 days after development.*

9 (c) *REPORT.—Not later than one year after the date*
10 *of the enactment of this Act, the Secretary of Defense shall*
11 *submit a report to the Committees on Armed Services of*
12 *the Senate and House of Representatives on the findings*
13 *from the survey.*

14 (d) *COVERED ARMED FORCE DEFINED.—The term*
15 *“covered Armed Force” means the following:*

16 (1) *The Army.*

17 (2) *The Navy.*

18 (3) *The Marine Corps.*

19 (4) *The Air Force.*

20 (5) *The Space Force.*

21 **SEC. 508. INDEPENDENT REVIEW OF ARMY OFFICER PER-**
22 **FORMANCE EVALUATIONS.**

23 (a) *STUDY REQUIRED.—Not later than six months*
24 *after the enactment of this Act, the Secretary of the Army*

1 *shall seek to enter into an agreement with a private entity*
2 *that the Secretary determines appropriate to—*

3 *(1) study the fitness report system used for the*
4 *performance evaluation of Army officers; and*

5 *(2) provide to the Secretary recommendations re-*
6 *garding how to improve such system.*

7 *(b) ELEMENTS.—The study required under subsection*
8 *(a) shall include the following:*

9 *(1) An analysis of the effectiveness of the fitness*
10 *report system at evaluating and documenting the per-*
11 *formance of Army officers.*

12 *(2) A comparison of the fitness report system for*
13 *Army officers with best practices for performance*
14 *evaluations used by public- and private-sector organi-*
15 *zations.*

16 *(3) An analysis of the value of Army fitness re-*
17 *ports in providing useful information to officer pro-*
18 *motion boards.*

19 *(4) An analysis of the value of Army fitness re-*
20 *ports in providing useful feedback to Army officers*
21 *being evaluated.*

22 *(5) Recommendations to improve the Army fit-*
23 *ness report system to—*

1 (A) increase its effectiveness at accurately
2 evaluating and documenting the performance of
3 Army officers;

4 (B) align with best practices for perform-
5 ance evaluations used by public- and private-sec-
6 tor organizations;

7 (C) provide more useful information to offi-
8 cer promotion boards; and

9 (D) provide more useful feedback regarding
10 evaluated officers.

11 (c) *ACCESS TO DATA AND RECORDS.*—The Secretary
12 of the Army shall ensure that the entity selected under sub-
13 section (a) has sufficient resources and access to technical
14 data, individuals, organizations, and records necessary to
15 complete the study required under this section.

16 (d) *SUBMISSION TO DEPARTMENT OF THE ARMY.*—Not
17 later than one year after entering into an agreement under
18 subsection (a), the entity that conducts the study under sub-
19 section (a) shall submit to the Secretary of the Army a re-
20 port on the results of the study.

21 (e) *SUBMISSION TO CONGRESS.*—Not later than 30
22 days after the date on which the Secretary of the Army re-
23 ceives the report under subsection (d), the Secretary shall
24 submit to the congressional defense committees—

25 (1) an unaltered copy of such report; and

1 (2) any comments of the Secretary regarding
2 such report.

3 **Subtitle B—Reserve Component**
4 **Management**

5 **SEC. 511. GRADES OF CERTAIN CHIEFS OF RESERVE COM-**
6 **PONENTS.**

7 (a) *IN GENERAL.*—

8 (1) *CHIEF OF ARMY RESERVE.*—Section 7038(b)
9 of title 10, United States Code, is amended by strik-
10 ing paragraph (4) and inserting the following:

11 “(4) *The Chief of Army Reserve, while so serving, holds*
12 *the grade of lieutenant general.*”.

13 (2) *CHIEF OF NAVY RESERVE.*—Section 8083(b)
14 of such title is amended by striking paragraph (4)
15 and inserting the following:

16 “(4) *The Chief of Navy Reserve, while so serving, holds*
17 *the grade of vice admiral.*”.

18 (3) *COMMANDER, MARINE FORCES RESERVE.*—
19 Section 8084(b) of such title is amended by striking
20 paragraph (4) and inserting the following:

21 “(4) *The Commander, Marine Forces Reserve, while so*
22 *serving, holds the grade of lieutenant general.*”.

23 (4) *CHIEF OF AIR FORCE RESERVE.*—Section
24 9038(b) of such title is amended by striking para-
25 graph (4) and inserting the following:

1 “(4) *The Chief of Air Force Reserve, while so serving,*
2 *holds the grade of lieutenant general.*”.

3 (b) *EFFECTIVE DATE.*—*The amendments made by sub-*
4 *section (a) shall take effect on the day that is one year after*
5 *the date of the enactment of this Act and shall apply to*
6 *appointments made after such date.*

7 **SEC. 512. GRADE OF VICE CHIEF OF THE NATIONAL GUARD**
8 **BUREAU.**

9 Section 10505 of title 10, United States Code, is
10 amended by adding at the end the following new subsection:

11 “(c) *GRADE.*—(1) *The Vice Chief of the National*
12 *Guard Bureau shall be appointed to serve in the grade of*
13 *general.*

14 “(2) *The Secretary of Defense shall designate, pursu-*
15 *ant to subsection (b) of section 526 of this title, the position*
16 *of Vice Chief of the National Guard Bureau as one of the*
17 *general officer and flag officer positions to be excluded from*
18 *the limitations in subsection (a) of such section.*”.

19 **SEC. 513. BACKDATING OF EFFECTIVE DATE OF RANK FOR**
20 **RESERVE OFFICERS IN THE NATIONAL**
21 **GUARD DUE TO UNDUE DELAYS IN FEDERAL**
22 **RECOGNITION.**

23 Paragraph (2) of section 14308(f) of title 10, United
24 States Code, is amended to read as follows:

1 “(2) If there is a delay in extending Federal recogni-
2 tion in the next higher grade in the Army National Guard
3 or the Air National Guard to a reserve commissioned officer
4 of the Army or the Air Force that exceeds 100 days from
5 the date the National Guard Bureau deems such officer’s
6 application for Federal recognition to be completely sub-
7 mitted by the State and ready for review at the National
8 Guard Bureau, and the delay was not attributable to the
9 action or inaction of such officer—

10 “(A) in the event of State promotion with an ef-
11 fective date before January 1, 2024, the effective date
12 of the promotion concerned under paragraph (1) may
13 be adjusted to a date determined by the Secretary
14 concerned, but not earlier than the effective date of the
15 State promotion; and

16 “(B) in the event of State promotion with an ef-
17 fective date on or after January 1, 2024, the effective
18 date of the promotion concerned under paragraph (1)
19 shall be adjusted by the Secretary concerned to the
20 later of—

21 “(i) the date the National Guard Bureau
22 deems such officer’s application for Federal rec-
23 ognition to be completely submitted by the State
24 and ready for review at the National Guard Bu-
25 reau; and

1 “(ii) the date on which the officer occupies
2 a billet in the next higher grade.”.

3 **SEC. 514. FINANCIAL ASSISTANCE PROGRAM FOR SPE-**
4 **CIALLY SELECTED MEMBERS: ARMY RESERVE**
5 **AND ARMY NATIONAL GUARD.**

6 Section 2107a of title 10, United States Code, is
7 amended—

8 (1) in subsection (a)—

9 (A) by amending paragraph (1) to read as
10 follows:

11 “(1) The Secretary of the Army may appoint as a
12 cadet in the Army Reserve or Army National Guard of the
13 United States any eligible member of the program who—

14 “(A)(i) is enrolled in the Advanced Course of the
15 Army Reserve Officers’ Training Corps at a military
16 college or a military junior college; or

17 “(ii)(I) is enrolled in the Advanced Course of the
18 Army Reserve Officers’ Training Corps at a civilian
19 institution; and

20 “(II) has completed the second year of a course
21 of study in science, technology, engineering, mathe-
22 matics, or a related field at such institution; and

23 “(B) will be under 31 years of age on December
24 31 of the calendar year in which the member eligible
25 under this section for appointment as a second lieu-

1 *tenant in the Army Reserve or Army National*
2 *Guard.”;*

3 *(B) by adding at the end the following new*
4 *paragraph:*

5 *“(3) The Secretary of the Army may prescribe regula-*
6 *tions specifying—*

7 *“(A) the courses of study that may be pursued by*
8 *a member of the program for purposes of meeting the*
9 *requirement under paragraph (1)(A)(i); and*

10 *“(B) the level of academic achievement needed to*
11 *meet such requirement.”.*

12 *(2) in subsection (b)(3)(B)(i), by inserting “or*
13 *civilian institution” after “military junior college”;*

14 *(3) in subsection (c)—*

15 *(A) in paragraph (1), by inserting “or ci-*
16 *vilian institution” after “military junior col-*
17 *lege”;*

18 *(B) in paragraph (4)(A), by inserting “or*
19 *civilian institution” after “military junior col-*
20 *lege”;*

21 *(4) by amending subsection (h) to read as fol-*
22 *lows:*

23 *“(h)(1) The Secretary of the Army may appoint each*
24 *year under this section not less than 22 cadets at each mili-*
25 *tary junior college at which there are not less than 22 mem-*

1 bers of the program eligible under subsection (b) for such
2 an appointment. At any military junior college at which
3 in any year there are fewer than 22 such members, the Sec-
4 retary shall appoint each such member as a cadet under
5 this section.

6 “(2) The Secretary of the Army may appoint each year
7 under this section the number of cadets from civilian insti-
8 tutions that the Secretary determines to be appropriate
9 based on the needs of the Army.”; and

10 (5) in subsection (j), by inserting “or civilian
11 institution” after “military junior college”.

12 **SEC. 515. INSPECTIONS OF NATIONAL GUARD.**

13 (a) *ESTABLISHMENT*.—Chapter 1 of title 32, United
14 States Code, is amended by inserting, after section 105, the
15 following new section:

16 **“§ 105A. Additional inspections**

17 “(a) *REGULAR INSPECTIONS REQUIRED*.—The Sec-
18 retary of the Army and the Secretary of the Air Force shall
19 each prescribe regulations pursuant to which the National
20 Guard of each State shall be inspected not less frequently
21 than once every five years.

22 “(b) *AUTHORIZED INSPECTORS*.—An inspection of the
23 National Guard of a State under subsection (a) shall be
24 conducted by—

1 “(1) *in the case of the Air National Guard, by*
2 *a qualified member of the regular component of the*
3 *Air Force or by the inspector general of the Depart-*
4 *ment of the Air Force; or*

5 “(2) *in the case of the Army National Guard, by*
6 *a qualified member of the regular component of the*
7 *Army or by the inspector general of the Department*
8 *of the Army.*

9 “(c) *ELEMENTS AND RECOMMENDATIONS.—Each in-*
10 *spection under subsection (a) shall include—*

11 “(1) *a review and assessment of—*

12 “(A) *the command climate of the National*
13 *Guard of the State;*

14 “(B) *the extent to which members of such*
15 *National Guard are treated with dignity and re-*
16 *spect; and*

17 “(C) *the compliance of such National Guard*
18 *with statutory, regulatory, and other applicable*
19 *requirements relating to—*

20 “(i) *reporting and addressing sex-re-*
21 *lated offenses and sexual harassment;*

22 “(ii) *training in sexual assault preven-*
23 *tion and response; and*

24 “(iii) *training in suicide prevention;*
25 *and*

1 “(2) *the inspector’s recommendation as to wheth-*
2 *er the Secretary of the military department concerned*
3 *should designate the performance of such National*
4 *Guard as unsatisfactory, satisfactory, or excellent.*

5 “(d) *PERFORMANCE GRADE.*—*Following the conclu-*
6 *sion of an inspection of a National Guard of a State under*
7 *subsection (a), the Secretary of the military department*
8 *concerned shall—*

9 “(1) *based on the results of the inspection, des-*
10 *ignate the performance of such National Guard as un-*
11 *satisfactory, satisfactory, or excellent; and*

12 “(2) *post such designation on a publicly acces-*
13 *sible website of the Department of Defense.*

14 “(e) *MANDATORY REINSPECTION.*—*A National Guard*
15 *of a State that receives a designation of unsatisfactory*
16 *under subsection (d) shall be reinspected in accordance with*
17 *this section not later one year after the conclusion of the*
18 *inspection that resulted in such designation.*

19 “(f) *REPORTS.*—

20 “(1) *IN GENERAL.*—*Not later than 90 days, after*
21 *the conclusion of each inspection under this section,*
22 *the Secretary of the military department concerned*
23 *shall submit a report on the results of such inspec-*
24 *tion—*

25 “(A) *to the Secretary of Defense; and*

1 “(B) to the Committees on Armed Services
2 of the Senate and the House of Representatives.

3 “(2) *ELEMENTS.*—Each report under paragraph
4 (1) shall—

5 “(A) summarize the results of the inspection
6 with respect to each element specified in sub-
7 section (c);

8 “(B) indicate the designation issued for the
9 National Guard of the State under subsection
10 (d); and

11 “(C) in the case of a National Guard of a
12 State that received a designation of unsatisfac-
13 tory under subsection (d) after a reinspection
14 under subsection (e), include the Secretary’s rec-
15 ommendation as to whether—

16 “(i) Federal funds should be withheld
17 from such National Guard; or

18 “(ii) such National Guard unit should
19 be transferred to another State.

20 “(g) *DEFINITIONS.*—In this section:

21 “(1) The term ‘sex-related offense’ means an al-
22 leged sex-related offense (as defined in section
23 1044e(h) of this title).

24 “(2) The term ‘sexual harassment’ means the of-
25 fense of sexual harassment as punishable under sec-

1 *tion 934 of this title (article 134 of the Uniform Code*
2 *of Military Justice) pursuant to the regulations pre-*
3 *scribed by the Secretary of Defense for purposes of*
4 *such section (article).*

5 *“(3) The term ‘State’ has the meaning given such*
6 *term in section 901 of this title.”.*

7 *(b) CLERICAL AMENDMENT.—The table of sections at*
8 *the beginning of such chapter is amended by inserting after*
9 *the item relating to section 105 the following new item:*

“105A. Additional inspections.”.

10 **SEC. 516. REQUIREMENT OF CONSENT OF THE CHIEF EXEC-**
11 **UTIVE OFFICER FOR CERTAIN FULL-TIME NA-**
12 **TIONAL GUARD DUTY PERFORMED IN A**
13 **STATE, TERRITORY, OR THE DISTRICT OF CO-**
14 **LUMBIA.**

15 *Section 502(f)(2)(A) of title 32, United States Code,*
16 *is amended to read as follows:*

17 *“(A) Support of operations or missions under-*
18 *taken by the member’s unit at the request of the Presi-*
19 *dent or Secretary of Defense, with the consent of—*

20 *“(i) the chief executive officer of each State*
21 *(as that term is defined in section 901 of this*
22 *title) in which such operations or missions shall*
23 *take place; and*

1 “(i) if such operations or missions shall
2 take place in the District of Columbia, the
3 Mayor of the District of Columbia.”.

4 **SEC. 517. EXTENSION OF NATIONAL GUARD SUPPORT FOR**
5 **FIREGUARD PROGRAM.**

6 Section 515 of the National Defense Authorization Act
7 for Fiscal Year 2022 (Public Law 117–81) is amended by
8 striking “September 30, 2026” and inserting “September
9 30, 2029”.

10 **SEC. 518. NOTICE TO CONGRESS BEFORE CERTAIN ACTIONS**
11 **REGARDING UNITS OF CERTAIN RESERVE**
12 **COMPONENTS.**

13 (a) *NOTICE REQUIRED; ELEMENTS.*—The Secretary of
14 a military department may not take any covered action re-
15 garding a covered unit until the day that is 60 days after
16 the Secretary of a military department submits to Congress
17 notice of such covered action. Such notice shall include the
18 following elements:

19 (1) An analysis of how the covered action would
20 improve readiness.

21 (2) A description of how the covered action
22 would align with the National Defense Strategy and
23 the supporting strategies of each military depart-
24 ments.

1 (3) *A description of any proposed organizational*
2 *change associated with the covered action and how the*
3 *covered action will affect the relationship of adminis-*
4 *trative, operational, or tactical control responsibilities*
5 *of the covered unit.*

6 (4) *The projected cost and any projected long-*
7 *term cost savings of the covered action.*

8 (5) *A detailed description of any requirements*
9 *for new infrastructure or relocation of equipment and*
10 *assets necessary for the covered action.*

11 (6) *An analysis whether the covered action would*
12 *facilitate—*

13 (A) *total force integration; and*

14 (B) *general officer progression.*

15 (7) *A description of how the covered activity will*
16 *affect the ability of the covered unit to accomplish its*
17 *current mission.*

18 (b) *APPLICABILITY.—This section shall apply to any*
19 *step to perform covered action regarding a covered unit on*
20 *or after the date of the enactment of this Act.*

21 (c) *DEFINITIONS.—In this section:*

22 (1) *The term “covered action” means any of the*
23 *following:*

24 (A) *To deactivate.*

25 (B) *To reassign.*

1 (C) *To move the home station.*

2 (D) *To reassign any responsibility.*

3 (E) *To integrate, in the case of—*

4 (i) *a covered unit and a unit of the*
5 *regular component of a covered Armed*
6 *Force; or*

7 (ii) *more than one covered unit.*

8 (2) *The term “covered Armed Force” means the*
9 *following:*

10 (A) *The Army.*

11 (B) *The Navy.*

12 (C) *The Marine Corps.*

13 (D) *The Air Force.*

14 (E) *The Space Force.*

15 (3) *The term “covered unit” means a unit of a*
16 *reserve component of a covered Armed Force.*

17 **SEC. 519. PLAN TO ENSURE REASONABLE ACCESS TO THE**
18 **JUNIOR RESERVE OFFICERS’ TRAINING**
19 **CORPS.**

20 (a) *PLAN REQUIRED.—The Secretary of Defense, in*
21 *consultation with the Secretaries of the military depart-*
22 *ments, shall develop a plan to increase the total number*
23 *of units of the Junior Reserve Officers’ Training Corps to*
24 *ensure that there is reasonable access to such units in each*

1 *geographic region of the United States by not later than*
2 *September 30, 2031.*

3 (b) *ELEMENTS.—The plan required under subsection*
4 *(a) shall include the following:*

5 (1) *A proposal to increase the total number of*
6 *units of the Junior Reserve Officers' Training Corps*
7 *to ensure reasonable access for students throughout the*
8 *United States.*

9 (2) *The estimated cost of implementing the pro-*
10 *posed increase in the number of such units.*

11 (3) *A prioritized list of the States and regions in*
12 *which the Secretary proposes adding additional units.*

13 (4) *Actions the Secretary expects to carry out to*
14 *ensure adequate representation and fair access to such*
15 *units for students in all regions of the United States,*
16 *including rural and remote areas and in underrep-*
17 *resented States.*

18 (5) *To the extent appropriate, modifications to*
19 *the requirements for such units, including the require-*
20 *ments applicable to instructors, to accommodate units*
21 *in rural areas and small schools.*

22 (6) *A plan to increase school and community*
23 *awareness of Junior Reserve Officers' Training Corps*
24 *programs in underrepresented areas.*

1 (c) *REPORT.*—Not later than 180 days after the date
2 of the enactment of this Act, the Secretary of Defense shall
3 submit to the Committees on Armed Services of the Senate
4 and the House of Representatives a report that includes the
5 plan developed under subsection (a).

6 (d) *REASONABLE ACCESS DEFINED.*—In this section,
7 the term “reasonable access”, when used with respect to
8 units of the Junior Reserve Officers’ Training Corps, means
9 a level of access determined by the Secretary of Defense be
10 reasonable taking into account the demand for student par-
11 ticipation, the availability of instructors, and the physical
12 distance between units.

13 ***Subtitle C—General Service***
14 ***Authorities and Military Records***

15 ***SEC. 521. NOTIFICATION TO NEXT OF KIN UPON THE DEATH***
16 ***OF A MEMBER OF THE ARMED FORCES.***

17 *Subchapter II of chapter 75 of title 10, United States*
18 *Code, is amended by adding at the end the following new*
19 *section (and the table of sections at the beginning of such*
20 *subchapter is amended accordingly):*

21 ***“§ 1493. Notification to next of kin or other appro-***
22 ***priate person: timing; training***

23 “(a) *IN GENERAL.*—In the event of a death that re-
24 quires the Secretary of the military department concerned
25 to provide a death benefit under this subchapter, such Sec-

1 *retary shall notify the next of kin or other appropriate per-*
2 *son not later than four hours after such death.*

3 “(b) *DEATH OUTSIDE THE UNITED STATES.*—If a
4 *death described in subsection (a) occurs outside the United*
5 *States, the Secretary of Defense, in coordination with the*
6 *Secretary of State, shall attempt to delay reporting, by the*
7 *media of the country in which such death occurs, of the*
8 *name of the decedent until after the Secretary of the mili-*
9 *tary department concerned has notified the next of kin or*
10 *other appropriate person pursuant to subsection (a).*

11 “(c) *TRAINING.*—The Secretary of the military depart-
12 *ment concerned shall include a training exercise regarding*
13 *a death described in this section in each major exercise or*
14 *planning conference conducted by such Secretary or the Sec-*
15 *retary of Defense.”.*

16 **SEC. 522. DIRECT ACCEPTANCE OF GIFTS FROM CERTAIN**
17 **SOURCES BY ENLISTED MEMBERS.**

18 (a) *AUTHORITY.*—Section 2601a of title 10, United
19 *States Code, is amended—*

20 (1) *in subsection (b)—*

21 (A) *by redesignating paragraphs (1)*
22 *through (3) as subparagraphs (A) through (C),*
23 *respectively;*

24 (B) *in the matter preceding subparagraph*
25 *(A), as redesignated, by striking “This section*

1 *applies to” and inserting “(1) A member de-*
2 *scribed in this paragraph is”;*

3 *(C) by adding at the end the following new*
4 *paragraph:*

5 *“(2) A member described in this paragraph is an en-*
6 *listed member of the armed forces.”; and*

7 *(2) in subsection (d)—*

8 *(A) by inserting “(1)” before “The regula-*
9 *tions”;* and

10 *(B) by adding at the end the following new*
11 *paragraph:*

12 *“(2) A member described in subsection (b)(2) may not*
13 *accept a gift—*

14 *“(A) from a source described in paragraph (1);*

15 *“(B) solicited by the member;*

16 *“(C) that a reasonable person would believe was*
17 *intended to influence the member in the performance*
18 *of duties as a member; or*

19 *“(D) that a reasonable person would believe was*
20 *intended to supplement the pay of the member.”.*

21 *(b) CONFORMING AMENDMENTS.—Such section is fur-*
22 *ther amended—*

23 *(1) in subsection (b)(1)(C), as redesignated, by*
24 *striking “paragraph (1)” and inserting “subpara-*
25 *graph (A)”;*

1 (2) in subsection (c), by striking “, (2) or (3)”;

2 and

3 (3) in subsection (e), by striking “subsection

4 (b)(2)” and inserting “subsection (b)(1)(B)”.

5 **SEC. 523. LIMITATION OF EXTENSION OF PERIOD OF AC-**

6 **TIVE DUTY FOR A MEMBER WHO ACCEPTS A**

7 **FELLOWSHIP, SCHOLARSHIP, OR GRANT.**

8 (a) *LIMITATION.*—Subsection (b) of section 2603 of
9 title 10, United States Code, is amended by adding at the
10 end “No such period may exceed five years”.

11 (b) *RETROACTIVE EFFECT.*—An agreement under such
12 subsection, made by a member of the Armed Forces on or
13 before the date of the enactment of this Act, may not require
14 such member to serve on active duty for a period longer
15 than five years.

16 **SEC. 524. ELIMINATION OF TIME LIMIT FOR MANDATORY**

17 **CHARACTERIZATIONS OF ADMINISTRATIVE**

18 **DISCHARGES OF CERTAIN MEMBERS ON THE**

19 **BASIS OF FAILURE TO RECEIVE COVID-19 VAC-**

20 **CINE.**

21 Section 736(a) of the National Defense Authorization
22 Act for Fiscal Year 2022 (Public Law 117–81; 10 U.S.C.
23 1161 note) is amended in the matter preceding paragraph
24 (1) by striking “During the time period beginning on Au-
25 gust 24, 2021, and ending on the date that is two years

1 *after the date of the enactment of this Act, any” and insert-*
2 *ing “Any”.*

3 **SEC. 525. PROHIBITION ON USE OF PHOTOGRAPHS BY CER-**
4 **TAIN MILITARY PROMOTION BOARDS.**

5 *(a) IN GENERAL.—The Secretary of Defense shall en-*
6 *sure that no military promotion record of a covered Armed*
7 *Force includes any official or unofficial photographs.*

8 *(b) COVERED ARMED FORCE DEFINED.—In this sec-*
9 *tion, the term “covered Armed Force” means the following:*

- 10 *(1) The Army.*
11 *(2) The Navy.*
12 *(3) The Marine Corps.*
13 *(4) The Air Force.*
14 *(5) The Space Force.*

15 **SEC. 526. GENDER-NEUTRAL FITNESS STANDARDS FOR**
16 **COMBAT MILITARY OCCUPATIONAL SPECIAL-**
17 **TIES OF THE ARMY.**

18 *(a) ESTABLISHMENT.—Not later than 180 days after*
19 *the date of the enactment of this Act, the Secretary of the*
20 *Army shall—*

- 21 *(1) establish gender-neutral fitness standards for*
22 *combat MOSs that are higher than those for non-com-*
23 *bat MOSs; and*

1 (2) *provide a briefing to the Committees on*
2 *Armed Services of the Senate and House of Represent-*
3 *atives setting forth—*

4 (A) *the list of combat MOSs described in*
5 *paragraph (1); and*

6 (B) *the methodology used to determine*
7 *whether to include an MOS on such list.*

8 (b) *MOS DEFINED.—In this section, the term “MOS”*
9 *means a military occupational specialty.*

10 **SEC. 527. RETENTION AND RECRUITMENT OF MEMBERS OF**

11 **THE ARMY WHO SPECIALIZE IN AIR AND MIS-**

12 **SILE DEFENSE SYSTEMS.**

13 (a) *STUDY.—The Comptroller General of the United*
14 *States shall study efforts to retain and recruit members*
15 *with military occupational specialties regarding air and*
16 *missile defense systems of the Army.*

17 (b) *REPORT.—Not later than six months after the date*
18 *of the enactment of this Act, the Comptroller General shall*
19 *submit to the Committees on Armed Services of the Senate*
20 *and House of Representatives a report that identifies steps*
21 *the Secretary of the Army may take to improve such reten-*
22 *tion and recruitment.*

23 (c) *IMPLEMENTATION.—Not later than September 30,*
24 *2023, the Secretary of the Army shall implement the steps*
25 *identified in the report under subsection (b).*

1 **SEC. 528. PILOT PROGRAM ON REMOTE PERSONNEL PROC-**
2 **ESSING IN THE ARMY.**

3 (a) *PILOT PROGRAM.*—Not later than January 1,
4 2024, the Secretary of the Army shall implement a pilot
5 program to test the use of a software application to expedite
6 in-processing and out-processing at one or more military
7 installations—

8 (1) *under the jurisdiction of such Secretary; and*

9 (2) *located within the continental United States.*

10 (b) *APPLICATION REQUIREMENTS.*—The software ap-
11 plication shall perform the following functions:

12 (1) *Enable the remote in-processing and out-*
13 *processing of covered personnel, including by permit-*
14 *ting covered personnel to electronically sign forms.*

15 (2) *Reduce the number of hours required of cov-*
16 *ered personnel for in-processing and out-processing.*

17 (3) *Provide, to covered personnel and the com-*
18 *mander of a military installation concerned, elec-*
19 *tronic copies of records related to in-processing and*
20 *out-processing.*

21 (c) *SELECTION OF LOCATION.*—In selecting a military
22 installation for the pilot program, the Secretary shall give
23 priority to the military installation that is the least pop-
24 ular according to preferences of Army officers in the Active
25 *Duty Officer Assignment Interactive Module.*

1 (d) *TERMINATION.*—*The pilot program shall terminate*
2 *on January 1st, 2027.*

3 (e) *REPORT.*—*Not later than January 1, 2026, the*
4 *Secretary shall submit to the Committees on Armed Services*
5 *of the Senate and House of Representatives a report regard-*
6 *ing the pilot program, including the recommendation of the*
7 *Secretary whether to make the pilot program permanent.*

8 (f) *DEFINITIONS.*—*In this section:*

9 (1) *The term “covered personnel” includes mem-*
10 *bers of the Army and civilian employees of the De-*
11 *partment of the Army.*

12 (2) *The term “in-processing” means the adminis-*
13 *trative activities that covered personnel undertake*
14 *pursuant to a permanent change of station.*

15 (3) *The term “out-processing” means the admin-*
16 *istrative activities that covered personnel undertake*
17 *pursuant to a permanent change of station, separa-*
18 *tion from the Army, or end of employment with the*
19 *Department of the Army.*

20 ***Subtitle D—Military Justice***

21 ***SEC. 531. SEXUAL HARASSMENT INDEPENDENT INVESTIGA-*** 22 ***TIONS AND PROSECUTION.***

23 (a) *INCLUSION OF SEXUAL HARASSMENT IN OF-*
24 *FENSES SUBJECT TO AUTHORITY OF SPECIAL TRIAL COUN-*
25 *SEL.*—

1 (1) *DEFINITION OF COVERED OFFENSE.*—Section
2 801(17)(A) of title 10, United States Code (article
3 1(17)(A) of the Uniform Code of Military Justice), as
4 added by section 533 of the National Defense Author-
5 ization Act for Fiscal Year 2022 (Public Law 117–
6 81), is amended—

7 (A) by striking “or”; and

8 (B) by striking “of this title” and inserting
9 “, or the standalone offense of sexual harassment
10 punishable under section 934 (article 134) of this
11 title”.

12 (2) *EFFECTIVE DATE.*—The amendments made
13 by subsection (a) shall take effect two years after the
14 coming into effect of the amendments made by section
15 533 of the National Defense Authorization Act for
16 Fiscal Year 2022 (Public Law 117–81) as provided in
17 section 539C of that Act.

18 (b) *INDEPENDENT INVESTIGATION OF SEXUAL HAR-*
19 *ASSMENT.*—

20 (1) *DEFINITIONS.*—Section 1561 of title 10,
21 United States Code, as amended by section 543 of the
22 National Defense Authorization Act for Fiscal Year
23 2022 (Public Law 117–81), is amended—

24 (A) in subsection (a)—

1 (i) by striking “or Space Force” and
2 inserting “Space Force, or Coast Guard”;
3 and

4 (ii) by inserting “or the Department of
5 Homeland Security (in the case of a matter
6 involving the Coast Guard when not oper-
7 ating as a service in the Navy)” after “De-
8 partment of Defense”; and

9 (B) by amending subsection (e) to read as
10 follows:

11 “(e) *DEFINITIONS.*—*In this section:*

12 “(1) The term ‘independent investigator’ means
13 a member of the armed forces or a civilian employee
14 of the Department of Defense or the Department of
15 Homeland Security (in the case of a matter involving
16 the Coast Guard when not operating as a service in
17 the Navy) who—

18 “(A) is outside the chain of command of the
19 complainant and the subject of the investigation;
20 and

21 “(B) is trained in the investigation of sex-
22 ual harassment, as determined by—

23 “(i) the Secretary concerned, in the
24 case of a member of the armed forces;

1 “(ii) the Secretary of Defense, in the
2 case of a civilian employee of the Depart-
3 ment of Defense; or

4 “(iii) the Secretary of Homeland Secu-
5 rity, in the case of a civilian employee of
6 the Department of Homeland Security.

7 “(2) The term ‘sexual harassment’ means con-
8 duct that constitutes the offense of sexual harassment
9 as punishable under section 934 of this title (article
10 134) pursuant to the regulations prescribed by the
11 Secretary of Defense for purposes of such section (ar-
12 ticle).”.

13 (2) *EFFECTIVE DATE.*—The amendments made
14 by paragraph (1) shall take effect immediately after
15 the coming into effect of the amendments made by sec-
16 tion 543 of the National Defense Authorization Act
17 for Fiscal Year 2022 (Public Law 117–81) as pro-
18 vided in subsection (c) of that section.

19 **SEC. 532. MATTERS IN CONNECTION WITH SPECIAL TRIAL**
20 **COUNSEL.**

21 (a) *DEFINITION OF COVERED OFFENSE.*—

22 (1) *IN GENERAL.*—Paragraph (17)(A) of section
23 801 of title 10, United States Code (article 1 of the
24 Uniform Code of Military Justice), as added by sec-
25 tion 533 of the National Defense Authorization Act

1 for Fiscal Year 2022 (Public Law 117–81; 135 Stat.
2 1695) and amended by section 531, is further amend-
3 ed by striking “section 920 (article 120)” and insert-
4 ing “section 919a (article 119a), section 920 (article
5 120), section 920a (article 120a)”.

6 (2) *EFFECTIVE DATE.*—The amendments made
7 by paragraph (1) shall—

8 (A) take effect on the date that is two years
9 after the date of the enactment of the National
10 Defense Authorization Act for Fiscal Year 2022
11 (Public Law 117–81); and

12 (B) apply with respect to any offenses that
13 occur after that date.

14 (b) *RESIDUAL PROSECUTORIAL DUTIES AND OTHER*
15 *JUDICIAL, FUNCTIONS OF CONVENING AUTHORITIES IN*
16 *COVERED CASES.*—The President shall prescribe regula-
17 tions to ensure that residual prosecutorial duties and other
18 judicial functions of convening authorities, including but
19 not limited to granting immunity, ordering depositions,
20 and hiring experts, with respect to charges and specifica-
21 tions over which a special trial counsel exercises authority
22 pursuant to section 824a of title 10, United States Code
23 (article 24a of the Uniform Code of Military Justice), are
24 transferred to the military judge, the special trial counsel,
25 or other authority as appropriate in such cases by no later

1 *than the effective date established in section 539C of the Na-*
2 *tional Defense Authorization Act for fiscal Year 2022 (Pub-*
3 *lic Law 117–81; 10 U.S.C. 801 note), in consideration of*
4 *due process for all parties involved in such a case.*

5 *(c) AMENDMENTS TO THE RULES FOR COURTS MAR-*
6 *TIAL.—The President shall prescribe in regulation such*
7 *modifications to Rule 813 of the Rules for Courts-Martial*
8 *and other Rules as appropriate to ensure that at the begin-*
9 *ning of each court-martial convened, the presentation of or-*
10 *ders does not in open court specify the name, rank, or posi-*
11 *tion of the convening authority convening such court, unless*
12 *such convening authority is the Secretary concerned, the*
13 *Secretary of Defense, or the President.*

14 *(d) BRIEFING REQUIRED.—Not later than 180 days*
15 *after the date of the enactment of this Act, the Secretary*
16 *of Defense shall provide to the Committees on Armed Serv-*
17 *ices of the Senate and the House of Representatives a brief-*
18 *ing on the progress of the Department of Defense in imple-*
19 *menting this section, including an identification of—*

20 *(1) the duties to be transferred under subsection*

21 *(b);*

22 *(2) the positions to which those duties will be*
23 *transferred; and*

1 (3) *any provisions of law or Rules for Courts*
2 *Martial that must be amended or modified to fully*
3 *complete the transfer.*

4 (e) *ADDITIONAL REPORTING RELATIVE TO IMPLEMEN-*
5 *TATION OF SUBTITLE D OF TITLE V OF THE NATIONAL DE-*
6 *FENSE AUTHORIZATION ACT FOR FISCAL YEAR 2022.—Not*
7 *later than February 1, 2025, and annually thereafter for*
8 *five years, the Secretary of Defense and the Secretary of*
9 *the department in which the Coast Guard is operating*
10 *(with respect to the Coast Guard) shall submit to the appro-*
11 *priate congressional committees a report assessing the holis-*
12 *tic effect of the reforms contained in subtitle D of title V*
13 *of the National Defense Authorization Act for Fiscal Year*
14 *2022 (Public Law 117–81) on the military justice system.*
15 *The report shall include the following elements:*

16 (1) *An overall assessment of the effect such re-*
17 *forms have had on the military justice system and the*
18 *maintenance of good order and discipline in the*
19 *ranks.*

20 (2) *The percentage of caseload and courts-mar-*
21 *tial assessed as meeting, or having been assessed as*
22 *potentially meeting, the definition of “covered of-*
23 *fense”, disaggregated by offense and military service*
24 *where possible.*

1 (3) *An assessment of prevalence and data con-*
2 *cerning disposition of cases by commanders after dec-*
3 *laration of prosecution by special trial counsel,*
4 *disaggregated by offense and military service when*
5 *possible.*

6 (4) *Assessment of the effect, if any, the reforms*
7 *contained in such subtitle have had on non-judicial*
8 *punishment concerning covered and non-covered of-*
9 *fenses.*

10 (5) *A description of the resources and personnel*
11 *required to maintain and execute the reforms made*
12 *by such subtitle during the reporting period relative*
13 *to fiscal year 2022.*

14 (6) *A description of any other factors or matters*
15 *considered by the Secretary to be important to a ho-*
16 *listic assessment of these reforms on the military jus-*
17 *tice system.*

18 (f) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
19 *FINED.—In this section, the term “appropriate congres-*
20 *sional committees” means the following:*

21 (1) *The Committee on Armed Services of the*
22 *House of Representatives.*

23 (2) *The Committee on Armed Services of the*
24 *Senate.*

1 (3) *The Committee on Transportation and Infra-*
2 *structure of the House of Representatives.*

3 (4) *The Committee on Commerce, Science, and*
4 *Transportation of the Senate.*

5 **SEC. 533. STANDARDS FOR IMPOSITION OF COMMANDING**
6 **OFFICER'S NON-JUDICIAL PUNISHMENT.**

7 (a) *COMMANDING OFFICER'S NON-JUDICIAL PUNISH-*
8 *MENT.—*

9 (1) *IN GENERAL.—Section 815 of title 10,*
10 *United States Code (article 15 of the Uniform Code*
11 *of Military Justice), is amended—*

12 (A) *by redesignating subsections (c) through*
13 *(g) as subsections (d) through (h), respectively;*

14 (B) *by inserting after subsection (b), the fol-*
15 *lowing new subsection:*

16 “(c)(1) *Except as provided in paragraphs (2) and (3),*
17 *a commanding officer may not impose a punishment au-*
18 *thorized in subsection (b) unless, before the imposition of*
19 *such punishment, the commanding officer—*

20 “(A) *requests and receives legal guidance regard-*
21 *ing the imposition of such punishment from a judge*
22 *advocate or other legal officer of the armed force of*
23 *which the commanding officer is a member; and*

1 “(B) provides the member who may be subject to
2 such punishment with an opportunity to consult ap-
3 propriate legal counsel.

4 “(2) Paragraph (1) shall not apply to the punishments
5 specified in subparagraphs (E) and (F) of subsection (b)(2).

6 “(3) A commanding officer may waive the require-
7 ments set forth in subparagraphs (A) and (B) of paragraph
8 (1), on a case by case basis, if the commanding officer deter-
9 mines such a waiver is necessary on the basis of operational
10 necessity.”; and

11 (C) in subsection (f), as so redesignated, by
12 striking “subsection (d)” and inserting “sub-
13 section (e)”.

14 (2) *EFFECTIVE DATE AND APPLICABILITY.*—The
15 amendments made by paragraph (1) shall take effect
16 180 days after the date of the enactment of this Act
17 and shall apply with respect to punishments imposed
18 under section 815 of title 10, United States Code (ar-
19 ticle 15 of the Uniform Code of Military Justice), on
20 or after such effective date.

21 (3) *ADDITIONAL GUIDANCE REQUIRED.*—Not
22 later than one year after the date of the enactment of
23 this Act, each Secretary concerned shall prescribe reg-
24 ulations or issue other written guidance with respect
25 to non-judicial punishment under section 815 of title

1 10, United States Code (article 15 of the Uniform
2 Code of Military Justice) that—

3 (A)(i) identifies criteria to be considered
4 when determining whether a member of the
5 armed forces is attached to or embarked in a ves-
6 sel for the purposes of determining whether such
7 member may demand trial by court-martial in
8 lieu of punishment under such section (article);
9 and

10 (ii) establishes a policy about the appro-
11 priate and responsible invocation of such excep-
12 tion; and

13 (B) establishes criteria commanders must
14 consider when evaluating whether to issue a
15 waiver under subsection (c)(3) of such section
16 (article) (as added by paragraph (1) of this sub-
17 section) on the basis of operational necessity.

18 (b) *MODIFICATION OF ANNUAL REPORTS ON RACIAL*
19 *AND ETHNIC DEMOGRAPHICS IN THE MILITARY JUSTICE*
20 *SYSTEM.*—Section 486(b) of title 10, United States Code,
21 *is amended—*

22 (1) in paragraph (7), by striking “and” at the
23 end;

24 (2) in paragraph (8), by striking the period at
25 the end and inserting a semicolon; and

1 (3) by adding at the end the following new para-
2 graphs:

3 “(9) with respect to principals on sea duty who
4 were not attached to or embarked in a vessel (as de-
5 termined by the Secretary of the Navy or the Sec-
6 retary of the department in which the Coast Guard
7 is operating), the number of non-judicial punishments
8 proposed and finalized under section 815 of this title
9 (article 15 of the Uniform Code of Military Justice),
10 in total and disaggregated by—

11 “(A) whether the commanding officer im-
12 posing non-judicial punishment requested and
13 received legal guidance regarding the imposition
14 of such punishment from a judge advocate or
15 other legal officer of the armed force of which the
16 commanding officer is a member;

17 “(B) whether the principal was provided the
18 opportunity to consult appropriate legal counsel;
19 and

20 “(C) statistical category as related to the
21 principal; and

22 “(10) with respect to principals on sea duty who
23 were attached to or embarked in a vessel (as deter-
24 mined by the Secretary of the Navy or the Secretary
25 of the department in which the Coast Guard is oper-

1 *ating), the number of non-judicial punishments pro-*
2 *posed and finalized under section 815 of this title (ar-*
3 *ticle 15 of the Uniform Code of Military Justice), in*
4 *total and disaggregated by—*

5 *“(A) whether the commanding officer im-*
6 *posing non-judicial punishment requested and*
7 *received legal guidance regarding the imposition*
8 *of such punishment from a judge advocate or*
9 *other legal officer of the armed force of which the*
10 *commanding officer is a member;*

11 *“(B) whether the principal was provided the*
12 *opportunity to consult appropriate legal counsel;*
13 *and*

14 *“(C) statistical category as related to the*
15 *principal.”.*

16 **SEC. 534. SPECIAL TRIAL COUNSEL OF THE AIR FORCE.**

17 *(a) IN GENERAL.—Section 1044f of title 10, United*
18 *States Code, is amended—*

19 *(1) in subsection (a), in the matter preceding*
20 *paragraph (1), by striking “The policies shall” and*
21 *inserting “Subject to subsection (c), the policies*
22 *shall”;*

23 *(2) by redesignating subsection (c) as subsection*
24 *(d); and*

1 (3) by inserting after subsection (b) the following
2 new subsection:

3 “(c) *SPECIAL TRIAL COUNSEL OF DEPARTMENT OF*
4 *THE AIR FORCE.*—*In establishing policies under subsection*
5 *(a), the Secretary of Defense shall—*

6 “*(1) in lieu of providing for separate offices for*
7 *the Air Force and Space Force under subsection*
8 *(a)(1), provide for the establishment of a single dedi-*
9 *cated office from which office the activities of the spe-*
10 *cial trial counsel of the Department of the Air Force*
11 *shall be supervised and overseen; and*

12 “*(2) in lieu of providing for separate lead spe-*
13 *cial trial counsels for the Air Force and Space Force*
14 *under subsection (a)(2), provide for the appointment*
15 *of one lead special trial counsel who shall be respon-*
16 *sible for the overall supervision and oversight of the*
17 *activities of the special trial counsel of the Depart-*
18 *ment of the Air Force.”.*

19 (b) *EFFECTIVE DATE.*—*The amendments made sub-*
20 *section (a) shall take effect immediately after the coming*
21 *into effect of the amendments made by section 532 of the*
22 *National Defense Authorization Act for Fiscal Year 2022*
23 *(Public Law 117–81) as provided in section 539C of that*
24 *Act.*

1 **SEC. 535. FINANCIAL ASSISTANCE FOR VICTIMS OF OF-**
2 **FENSES UNDER THE UNIFORM CODE OF MILI-**
3 **TARY JUSTICE.**

4 (a) *MILITARY CRIME VICTIMS FINANCIAL ASSISTANCE*
5 *FUND.*—Chapter 53 of title 10, United States Code, is
6 amended by inserting before section 1045 the following new
7 section:

8 **“§ 1044g. Military Crime Victims Financial Assistance**
9 **Fund**

10 “(a) *ESTABLISHMENT.*—There is established in the
11 Treasury of the United States a fund to be known as the
12 ‘Military Crime Victims Financial Assistance Fund’ (re-
13 ferred to in this section as the ‘Fund’).

14 “(b) *ADMINISTRATION OF FUND.*—The Secretary of the
15 Treasury shall administer the Fund consistent with the pro-
16 visions of this section.

17 “(c) *DEPOSITS.*—There shall be deposited in the Fund
18 the following:

19 “(1) Any amounts appropriated to the Fund.

20 “(2) Any amounts donated to the Fund.

21 “(d) *AVAILABILITY AND USE OF FUND.*—Amounts in
22 the Fund shall, to the extent provided in appropriations
23 Acts, be available solely for the payment of financial assist-
24 ance to victims of covered violent offenses in accordance
25 with the regulations prescribed under subsection (e).

1 “(e) *REGULATIONS.*—Not later than one year after the
2 date of the enactment of this section, the Secretary of De-
3 fense shall prescribe regulations pursuant to which a victim
4 of a covered violent offense may apply for and receive finan-
5 cial assistance payments from the Fund. Such regulations
6 shall provide as follows:

7 “(1) A victim of a covered violent offense may
8 apply to the Fund for—

9 “(A) a standard payment;

10 “(B) a reimbursement payment; or

11 “(C) a standard payment and a reimburse-
12 ment payment.

13 “(2) A standard payment to a victim shall be a
14 fixed amount determined by the Secretary of Defense
15 for each covered violent offense.

16 “(3) A reimbursement payment to a victim shall
17 be an amount determined by the Secretary of Defense
18 that is sufficient to reimburse the victim for health
19 care expenses, travel expenses, and expenses for prop-
20 erty damage resulting from the covered violent offense,
21 subject to such limits as the Secretary may prescribe.
22 A reimbursement payment may not be made for any
23 expenses for which a victim receives reimbursement
24 from other sources, including insurance claims.

1 “(4) *An individual victim may receive not more*
2 *than \$50,000 from the Fund per incident.*

3 “(5) *The eligibility of a victim to receive pay-*
4 *ments from the Fund shall be subject to such terms,*
5 *conditions, and other requirements as the Secretary*
6 *may prescribe.*

7 “(6) *The Secretary may not make a payment*
8 *from the Fund if the amount of such payment would*
9 *exceed the amounts available in the fund.*

10 “(f) *ANNUAL REPORTS.—Not later than February 1*
11 *of each year, the Secretaries concerned, in consultation with*
12 *the Secretary of the Treasury, shall submit to the appro-*
13 *priate congressional committees a report that includes—*

14 “(1) *a summary of the amounts deposited to and*
15 *paid from the Fund during the preceding year;*

16 “(2) *the number of victims who received pay-*
17 *ments from the Fund during the preceding year, set*
18 *forth separately for each covered violent offense; and*

19 “(3) *an estimate of the amount of appropri-*
20 *ations required, if any, to maintain the solvency of the*
21 *fund for the period of two fiscal years following the*
22 *date of the report.*

23 “(g) *DEFINITIONS.—In this section:*

24 “(1) *The term ‘appropriate congressional com-*
25 *mittees’ means the following:*

1 “(A) *The congressional defense committees.*

2 “(B) *The Committee on Transportation and*
3 *Infrastructure of the House of Representatives.*

4 “(C) *The Committee on Commerce, Science,*
5 *and Transportation of the Senate.*

6 “(2) *The term ‘covered violent offense’ means—*

7 “(A) *an offense under section 918 (article*
8 *118), section 919 (article 119), section 919a (ar-*
9 *article 119a), section 920 (article 120), section*
10 *920b (article 120b), section 920c (article 120c),*
11 *section 922 (article 122), section 925 (article*
12 *125), section 928 (article 128), section 928a (ar-*
13 *article 128a), section 928b (article 128b), section*
14 *930 (article 130), or the standalone offense of*
15 *sexual harassment as punishable under section*
16 *934 (article 134) of this title; or*

17 “(B) *an attempt to commit an offense speci-*
18 *fied in subparagraph (A) as punishable under*
19 *section 880 of this title (article 880).*

20 “(3) *The term ‘victim’ means individual who has*
21 *suffered direct physical, emotional, or pecuniary*
22 *harm as a result of the commission of a covered vio-*
23 *lent offense.’.*

1 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
2 *the beginning of such chapter is amended by inserting before*
3 *the item relating to section 1045 the following new item:*

“1044g. Military Crime Victims Financial Assistance Fund.”.

4 (c) *APPLICABILITY.*—*Eligibility to receive a payment*
5 *from the Military Crime Victims Financial Assistance*
6 *Fund under section 1044g of title 10, United States Code*
7 *(as added by subsection (a)), shall be limited to individuals*
8 *who—*

9 (1) *are victims of covered violent offenses that*
10 *occur on or after the date of the enactment of this Act;*
11 *and*

12 (2) *apply for payment from the Fund after the*
13 *effective date of the regulations prescribed under sub-*
14 *section (e) of such section 1044g.*

15 (d) *PROGRESS REPORT.*—

16 (1) *IN GENERAL.*—*Not later than 90 days after*
17 *the date of the enactment of this Act, the Secretary of*
18 *Defense shall submit to the appropriate congressional*
19 *committees a report on plans of the Secretary for im-*
20 *plementing the Military Crime Victims Financial As-*
21 *sistance Fund under section 1044g of title 10, United*
22 *States Code (as added by subsection (a)).*

23 (2) *APPROPRIATE CONGRESSIONAL COMMITTEES*
24 *DEFINED.*—*In this subsection, the term “appropriate*
25 *congressional committees” means the following:*

1 (A) *The congressional defense committees.*

2 (B) *The Committee on Transportation and*
3 *Infrastructure of the House of Representatives.*

4 (C) *The Committee on Commerce, Science,*
5 *and Transportation of the Senate.*

6 **SEC. 536. ADDRESSING SEX-RELATED OFFENSES AND SEX-**
7 **UAL HARASSMENT INVOLVING MEMBERS OF**
8 **THE NATIONAL GUARD.**

9 (a) *ADDRESSING CERTAIN SEX-RELATED OF-*
10 *FENSES.—*

11 (1) *IN GENERAL.—Chapter 80 of title 10, United*
12 *States Code, is amended by inserting after section*
13 *1561b the following new section:*

14 **“§1561c. Addressing sex-related offenses and sexual**
15 **harassment involving members of the Na-**
16 **tional Guard**

17 “(a) *IN GENERAL.—An adjutant general who receives*
18 *notice of an allegation of a sex-related offense or sexual har-*
19 *assment committed by a member of the National Guard*
20 *under the jurisdiction of the adjutant general shall, not*
21 *later than 72 hours after receiving such notice—*

22 “(1) *report the allegation to the Chief of the Na-*
23 *tional Guard Bureau; and*

1 “(2) ensure that the alleged victim is informed of
2 the availability of Special Victims’ Counsel in accord-
3 ance with section 1044e of this title, as applicable.

4 “(b) *INITIAL REPORT*.—

5 “(1) *ELEMENTS*.—Each report under subsection
6 (a)(1) shall include the following:

7 “(A) A summary of the allegation.

8 “(B) Identification of—

9 “(i) the individual who is alleged to
10 have committed the offense;

11 “(ii) the alleged victim of the offense;

12 and

13 “(iii) the individual or entity that is
14 investigating the allegation.

15 “(C) A statement indicating whether the al-
16 leged victim has been informed of the avail-
17 ability of legal counsel in accordance with sub-
18 section (a)(2).

19 “(2) *LATE REPORTS*.—In the event that an adju-
20 tant general submits a report required under sub-
21 section (a) after the expiration of the 72-hour period
22 specified in such subsection, the report shall include—

23 “(A) the information specified in paragraph
24 (1); and

1 “(B) an explanation of the reasons the re-
2 port was not timely submitted.

3 “(c) *FINAL REPORT*.—Not later than 30 days after de-
4 termining whether or not to take action against a member
5 of the National guard accused of a sex-related offense or sex-
6 ual harassment, the adjutant general shall submit to the
7 Chief of the National Guard Bureau a report that in-
8 cludes—

9 “(1) the information described in subparagraphs
10 (A) and (B) of subsection (b)(1);

11 “(2) a description of any administrative, judi-
12 cial, or other action taken against the member; and

13 “(3) if no such action was taken, an explanation
14 of the reasons the adjutant general declined to take
15 such action.

16 “(d) *APPLICABILITY*.—The requirements of this section
17 shall apply with respect to an allegation of a sex-related
18 offense or sexual harassment of which an adjutant general
19 receives notice after the date of the enactment of this section
20 without regard to—

21 “(1) the jurisdiction in which the offense oc-
22 curred; or

23 “(2) whether prosecution for the offense would be
24 time barred by a statute of limitations.

25 “(e) *DEFINITIONS*.—In this section:

1 “(1) *The term ‘sex-related offense’ means an al-*
2 *leged sex-related offense (as defined in section*
3 *1044e(h) of this title).*”

4 “(2) *The term ‘sexual harassment’ means the of-*
5 *fense of sexual harassment as punishable under sec-*
6 *tion 934 of this title (article 134 of the Uniform Code*
7 *of Military Justice) pursuant to the regulations pre-*
8 *scribed by the Secretary of Defense for purposes of*
9 *such section (article).’.*”

10 (2) *CLERICAL AMENDMENT.—The table of sec-*
11 *tions at the beginning of such chapter is amended by*
12 *inserting after the item relating to section 1561b the*
13 *following new item:*

*“1561c. Addressing sex-related offenses and sexual harassment involving members
of the National Guard.”.*

14 (b) *EFFECTIVE DATE.—The amendments made by sub-*
15 *section (a) shall take effect immediately after the effective*
16 *date of the amendments made by part 1 of subtitle D of*
17 *title V of the National Defense Authorization Act for Fiscal*
18 *Year 2022 (Public Law 117–81) as provided in section*
19 *539C of that Act.*

20 (c) *IMPLEMENTATION.—The Secretary of Defense shall*
21 *prescribe regulations implementing section 1561c of title 10,*
22 *United States Code, as added by subsection (a).*

1 **SEC. 537. PROHIBITION ON SHARING OF INFORMATION ON**
2 **DOMESTIC VIOLENCE INCIDENTS.**

3 *Section 1562 of title 10, United States Code, is amend-*
4 *ed by adding at the end the following new subsection:*

5 “(c) *PROHIBITION ON SHARING OF CERTAIN INFORMA-*
6 *TION.—*

7 “(1) *IN GENERAL.—In a case in which the infor-*
8 *mation maintained and reported by the Secretary of*
9 *a military department under subsection (b) includes*
10 *the findings of an Incident Determination Committee,*
11 *the Secretary may not share such findings with any*
12 *party other than the administrator of the database*
13 *under subsection (a).*

14 “(2) *WAIVER.—The Secretary of Defense may*
15 *waive the prohibition under paragraph (1) on a case-*
16 *by-case basis if the Secretary determines that it is*
17 *necessary to share the findings of an Incident Deter-*
18 *mination Committee with a member of the Armed*
19 *Forces or a civilian employee of the Department of*
20 *Defense acting within the scope of their official duties.*

21 “(3) *INCIDENT DETERMINATION COMMITTEE DE-*
22 *FINED.—In this subsection, the term ‘Incident Deter-*
23 *mination Committee’ means a committee established*
24 *at a military installation that is responsible for re-*
25 *viewing a reported incident of domestic violence and*
26 *determining whether such incident constitutes serious*

1 *harm to the victim according to the applicable cri-*
2 *teria of the Department of Defense.”.*

3 **SEC. 538. MANDATORY NOTIFICATION OF MEMBERS OF THE**
4 **ARMED FORCES IDENTIFIED IN CERTAIN**
5 **RECORDS OF CRIMINAL INVESTIGATIONS.**

6 *(a) IN GENERAL.—Chapter 80 of title 10, United*
7 *States Code, is amended by adding at the end the following*
8 *new section:*

9 **“§ 1567b. Mandatory notification of members of the**
10 **armed forces and reserve components**
11 **identified in certain records of criminal**
12 **investigations**

13 **“(a) NOTIFICATION OF INCLUSION IN MCIO**
14 **RECORDS.—***As soon as practicable after the conclusion of*
15 *a criminal investigation for which a military criminal in-*
16 *vestigative organization is the lead investigative agency, the*
17 *head of such organization shall provide, to any member or*
18 *a former member of the armed forces and reserve compo-*
19 *nents who is designated in the records of the organization*
20 *as a subject of such investigation, written notice of such*
21 *designation.*

22 **“(b) INITIAL NOTIFICATION OF PREVIOUS INCLUSION**
23 **IN MCIO RECORDS.—***Not later than 180 days after the date*
24 *of the enactment of this section, the head of each military*
25 *criminal investigative organization shall provide, to any*

1 *member or former member of the armed forces and reserve*
2 *components who is designated after January 1, 2011 in the*
3 *records of the organization as a subject of a criminal inves-*
4 *tigation that is closed as of such date, written notice of such*
5 *designation.*

6 “(c) *CONTENTS OF NOTICE.—Each notice provided*
7 *under subsection (a) and (b) shall include the following in-*
8 *formation—*

9 “(1) *The date on which the member was des-*
10 *ignated as a subject of a criminal investigation in the*
11 *records of the military criminal investigative organi-*
12 *zation.*

13 “(2) *Identification of each crime for which the*
14 *member was investigated, including a citation to each*
15 *provision of chapter 47 of this title (the Uniform Code*
16 *of Military Justice) that the member was suspected of*
17 *violating, if applicable.*

18 “(3) *Instructions on how the member may seek*
19 *removal of the record in accordance with subsection*
20 *(d).*

21 “(d) *REMOVAL OF RECORD.—The Secretary of Defense*
22 *shall—*

23 “(1) *establish a process through which a member*
24 *of the armed forces and reserve components who re-*
25 *ceives a notice under subsection (a) or (b) may re-*

1 *quest the removal of the record that is the subject of*
2 *such notice; and*

3 *“(2) issue uniform guidance, applicable to all*
4 *military criminal investigative organizations, speci-*
5 *fying the conditions under which such a record may*
6 *be removed.*

7 *“(f) ON-GOING AND SENSITIVE INVESTIGATIONS.—The*
8 *head of a military criminal investigative organization may*
9 *waive the notification requirements of this section if such*
10 *head determines that a notification made pursuant to this*
11 *section would—*

12 *“(1) endanger any witness or victim of the of-*
13 *fense under investigation;*

14 *“(2) disclose the existence of an intelligence or*
15 *counterintelligence investigation; or*

16 *“(3) compromise or reveal any other on-going*
17 *criminal investigation.*

18 *“(e) MILITARY CRIMINAL INVESTIGATIVE ORGANIZA-*
19 *TION DEFINED.—In this section, the term ‘military crimi-*
20 *nal investigative organization’ means any organization or*
21 *element of the Department of Defense or an armed force*
22 *that is responsible for conducting criminal investigations,*
23 *including—*

24 *“(1) the Army Criminal Investigation Com-*
25 *mand;*

1 “(2) the Naval Criminal Investigative Service;
2 “(3) the Air Force Office of Special Investiga-
3 tions;
4 “(4) the Coast Guard Investigative Service; and
5 “(5) the Defense Criminal Investigative Serv-
6 ice.”.

7 (b) *CLERICAL AMENDMENT.*—The table of sections at
8 the beginning of such chapter is amended by adding at the
9 end the following new item:

 “1567b. Mandatory notification of members of the armed forces and reserve com-
 ponents identified in certain records of criminal investiga-
 tions.”.

10 **SEC. 539. SENTENCING PARAMETERS UNDER THE UNIFORM**
11 **CODE OF MILITARY JUSTICE FOR HATE**
12 **CRIMES.**

13 Section 539E(e)(2)(A)(ii) of the National Defense Au-
14 thorization Act for Fiscal Year 2022 (Public Law 117–81;
15 10 U.S.C. 856 note) is amended by inserting “(including
16 whether the offense is described in section 249 of title 18)”
17 after “district court”.

18 **SEC. 539A. LIMITATION ON AVAILABILITY OF FUNDS FOR**
19 **RELOCATION OF ARMY CID SPECIAL AGENT**
20 **TRAINING COURSE.**

21 (a) *LIMITATION.*—None of the funds authorized to be
22 appropriated by this Act or otherwise made available for
23 fiscal year 2023 for the Army may be obligated or expended

1 *to relocate an Army CID special agent training course*
2 *until—*

3 *(1)(A) the Secretary of the Army submits to the*
4 *Committees on Armed Services of the Senate and the*
5 *House of Representatives—*

6 *(i) the evaluation and plan required by sub-*
7 *section (a) of section 549C of the National De-*
8 *fense Authorization Act for Fiscal Year 2022*
9 *(Public Law 117–81; 135 Stat. 1724);*

10 *(ii) the implementation plan required by*
11 *subsection (b) of such section; and*

12 *(iii) a separate report on any plans of the*
13 *Secretary to relocate an Army CID special agent*
14 *training course, including an explanation of the*
15 *business case for any transfer of training per-*
16 *sonnel proposed as part of such plan;*

17 *(B) the Secretary provides to the Committee on*
18 *Armed Services of the House of Representatives a*
19 *briefing on the contents of each report specified in*
20 *subparagraph (A); and*

21 *(C) a period of 90 days has elapsed following the*
22 *briefing under subparagraph (B); and*

23 *(2) the Secretary submits a written certification*
24 *to the Committees on Armed Services of the Senate*
25 *and the House of Representatives indicating that the*

1 *Army has fully complied with subsection (c) of section*
2 *549C of the National Defense Authorization Act for*
3 *Fiscal Year 2022 (Public Law 117–81; 135 Stat.*
4 *1724) with regard to locations at which military*
5 *criminal investigative training is conducted.*

6 *(b) DEFINITIONS.—In this section:*

7 *(1) The term “relocate”, when used with respect*
8 *to an Army CID special agent training course, means*
9 *the transfer of such course to a location different than*
10 *the location used for such course as of the date of the*
11 *enactment of this Act.*

12 *(2) The term “Army CID special agent training*
13 *course” means a training course provided to members*
14 *of the Army to prepare such members for service as*
15 *special agents in the Army Criminal Investigation*
16 *Division.*

17 **SEC. 539B. RECOMMENDATIONS FOR SENTENCING OF MARI-**
18 **JUANA-BASED OFFENSES UNDER THE UNI-**
19 **FORM CODE OF MILITARY JUSTICE.**

20 *(a) RECOMMENDATIONS.—The Military Justice Re-*
21 *view Panel shall develop recommendations specifying ap-*
22 *propriate sentencing ranges for offenses involving the use*
23 *and possession of marijuana under chapter 47 of title 10,*
24 *United States Code (the Uniform Code of Military Justice).*

1 *In developing such recommendations, the Military Justice*
2 *Review Panel shall consider—*

3 (1) *how the sentences typically imposed for*
4 *marijuana-based offenses under such chapter compare*
5 *to the sentences typically imposed for other com-*
6 *parable offenses, such as offenses involving the misuse*
7 *of alcohol; and*

8 (2) *the overall burden on the military justice sys-*
9 *tem of the current approach of the Department of De-*
10 *fense to sentencing marijuana-based offenses under*
11 *such chapter.*

12 (b) *REPORT.—Not later than 180 days after the date*
13 *of the enactment of this Act, the Military Justice Review*
14 *Panel shall submit to the Committees on Armed Services*
15 *of the Senate and the House of Representatives a report that*
16 *includes the recommendations developed under subsection*
17 *(a).*

18 **SEC. 539C. REPORT ON SHARING INFORMATION WITH**
19 **COUNSEL FOR VICTIMS OF OFFENSES UNDER**
20 **THE UNIFORM CODE OF MILITARY JUSTICE.**

21 (a) *REPORT REQUIRED.—Not later than one year*
22 *after the date of the enactment of this Act, the Defense Advi-*
23 *sory Committee on Investigation, Prosecution, and Defense*
24 *of Sexual Assault in the Armed Forces (referred to in this*
25 *section as the “Advisory Committee”) shall submit to the*

1 *appropriate congressional committees and each Secretary*
2 *concerned a report on the feasibility and advisability of es-*
3 *tablishing a uniform policy for the sharing of the informa-*
4 *tion described in subsection (c) with a Special Victims'*
5 *Counsel, Victims' Legal Counsel, or other counsel rep-*
6 *resenting a victim of an offense under chapter 47 of title*
7 *10, United States Code (the Uniform Code of Military Jus-*
8 *tice).*

9 (b) *ELEMENTS.*—*The report under subsection (a) shall*
10 *include the following:*

11 (1) *An assessment of the feasibility and advis-*
12 *ability of establishing the uniform policy described in*
13 *subsection (a), including an assessment of the poten-*
14 *tial effects of such a policy on—*

15 (A) *the privacy of individuals;*

16 (B) *the criminal investigative process; and*

17 (C) *the military justice system generally.*

18 (2) *If the Advisory Committee determines that*
19 *the establishment of such a policy is feasible and ad-*
20 *visable, a description of—*

21 (A) *the stages of the military justice process*
22 *at which the information described in subsection*
23 *(c) should be made available to counsel rep-*
24 *resenting a victim; and*

1 (B) any circumstances under which some or
2 all of such information should not be shared.

3 (3) Such recommendations for legislative or ad-
4 ministrative action as the Advisory Committee con-
5 siders appropriate.

6 (c) *INFORMATION DESCRIBED.*—The information de-
7 scribed in this subsection is the following:

8 (1) Any recorded statements of the victim to in-
9 vestigators.

10 (2) The record of any forensic examination of the
11 person or property of the victim, including the record
12 of any sexual assault forensic exam of the victim that
13 is in possession of investigators or the Government.

14 (3) Any medical record of the victim that is in
15 the possession of investigators or the Government.

16 (d) *DEFINITIONS.*—In this section—

17 (1) The term “appropriate congressional com-
18 mittees” means—

19 (A) the congressional defense committees;

20 (B) the Committee on Commerce, Science,
21 and Transportation of the Senate; and

22 (C) the Committee on Transportation and
23 Infrastructure of the House of Representatives.

1 (2) *The term “Secretary concerned” has the*
2 *meaning given that term in section 101(a)(9) of title*
3 *10, United States Code.*

4 ***Subtitle E—Other Legal Matters***

5 ***SEC. 541. CLARIFICATIONS OF PROCEDURE IN INVESTIGA-***
6 ***TIONS OF PERSONNEL ACTIONS TAKEN***
7 ***AGAINST MEMBERS OF THE ARMED FORCES***
8 ***IN RETALIATION FOR PROTECTED COMMU-***
9 ***NICATIONS.***

10 (a) *IN GENERAL.—Subparagraphs (D) and (E) of*
11 *paragraph (4) of section 1034(c) of title 10, United States*
12 *Code, is amended to read as follows:*

13 “(D)(i) *Upon determining that an investigation of an*
14 *allegation under paragraph (1) is warranted, the Inspector*
15 *General making the determination shall expeditiously in-*
16 *vestigate the allegation to determine whether the protected*
17 *communication or activity under subsection (b) was a con-*
18 *tributing factor in the personnel action prohibited under*
19 *subsection (b) that was taken or withheld (or threatened to*
20 *be taken or withheld) against a member of the armed forces.*

21 “(ii) *In the case of a determination made by the In-*
22 *spector General of the Department of Defense, that Inspector*
23 *General may delegate responsibility for the investigation to*
24 *an appropriate Inspector General of a military department.*

1 “(iii) *The member alleging the prohibited personnel*
2 *action may use circumstantial evidence to demonstrate that*
3 *the protected communication or activity under subsection*
4 *(b) was a contributing factor in the personnel action pro-*
5 *hibited under subsection (b). Such circumstantial evidence*
6 *may include that the person taking such prohibited per-*
7 *sonnel action knew of the protected communication or activ-*
8 *ity, and that the prohibited personnel action occurred with-*
9 *in a period of time such that a reasonable person could con-*
10 *clude that the communication or protected activity was a*
11 *contributing factor in the personnel action.*

12 “(iv) *If the Inspector General determines it likelier*
13 *than not that the member made a communication or par-*
14 *ticipated in an activity protected under subsection (b) that*
15 *was a contributing factor in a personnel action described*
16 *in such subsection, the Inspector General shall presume such*
17 *personnel action to be prohibited under such subsection un-*
18 *less the Inspector General determines there is clear and con-*
19 *vincing evidence that the same personnel action would have*
20 *occurred in the absence of such protected communication*
21 *or activity.*

22 “(E) *If the Inspector General preliminarily determines*
23 *in an investigation under subparagraph (D) that a per-*
24 *sonnel action prohibited under subsection (b) has occurred*
25 *and that such personnel action shall result in an immediate*

1 *hardship to the member alleging the personnel action, the*
2 *Inspector General shall promptly notify the Secretary of the*
3 *military department concerned or the Secretary of Home-*
4 *land Security, as applicable, of the hardship, and such Sec-*
5 *retary shall take such action as such Secretary determines*
6 *appropriate.”.*

7 (b) *TECHNICAL AMENDMENTS.—Such paragraph is*
8 *further amended in subparagraphs (A) and (B) by striking*
9 *“subsection (h)” both places it appears and inserting “sub-*
10 *section (i)”.*

11 **SEC. 542. PRIMARY PREVENTION OF VIOLENCE.**

12 (a) *ANNUAL PRIMARY PREVENTION RESEARCH AGEN-*
13 *DA.—Section 549A(c) of the National Defense Authorization*
14 *Act for Fiscal Year 2022 (Public Law 117–81l 10 U.S.C.*
15 *1561 note) is amended—*

16 (1) *by redesignating paragraphs (2), (3), and (4)*
17 *as paragraphs (5), (6), and (7), respectively;*

18 (2) *by inserting after paragraph (1) the fol-*
19 *lowing new paragraphs:*

20 “(2) *include a focus on whether and to what ex-*
21 *tent sub-populations of the military community may*
22 *be targeted for sexual assault, sexual harassment, or*
23 *domestic violence more than others;*

1 “(3) seek to identify factors that influence the
2 prevention, perpetration, and victimization of sexual
3 assault, sexual harassment, and domestic violence;

4 “(4) seek to improve the collection and dissemi-
5 nation of data on hazing and bullying related to sex-
6 ual assault, sexual harassment, and domestic vio-
7 lence;”; and

8 (3) in paragraph (6), as redesignated by para-
9 graph (1) of this section, by amending the text to read
10 as follows:

11 “(6) incorporate collaboration with other Federal
12 departments and agencies, including the Department
13 of Health and Human Services and the Centers for
14 Disease Control and Prevention, State governments,
15 academia, industry, federally funded research and de-
16 velopment centers, nonprofit organizations, and other
17 organizations outside of the Department of Defense,
18 including civilian institutions that conduct similar
19 data-driven studies, collection, and analysis; and”.

20 (b) *PRIMARY PREVENTION WORKFORCE*.—Section
21 549B of the National Defense Authorization Act for Fiscal
22 Year 2022 (Public Law 117–81; 10 U.S.C. 501 note) is
23 amended—

24 (1) in subsection (c), by adding at the end the
25 following new paragraph:

1 “(3) *COMPTROLLER GENERAL REPORT.*—Not
2 *later than one year after the date of the enactment of*
3 *the National Defense Authorization Act for Fiscal*
4 *Year 2023, the Comptroller General of the United*
5 *States shall submit to the appropriate congressional*
6 *committees a report comparing the sexual harassment*
7 *and prevention training of the Department of Defense*
8 *with similar programs at other Federal departments*
9 *and agencies and including data collected by colleges*
10 *and universities and other relevant outside entities.”;*
11 *and*

12 (2) *by adding at the end the following new sub-*
13 *sections:*

14 “(e) *INCORPORATION OF RESEARCH AND FINDINGS.*—
15 *The Primary Prevention Workforce established under sub-*
16 *section (a) shall, on a regular basis, incorporate findings*
17 *and conclusions from the primary prevention research*
18 *agenda established under section 549A, as appropriate, into*
19 *the work of the workforce.*

20 “(f) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
21 *FINED.*—*In this section, the term ‘appropriate congress-*
22 *sional committees’ means the following:*

23 “(1) *The Committees on Armed Services of the*
24 *Senate and House of Representatives.*

1 “(2) *The Committees on Appropriations of the*
2 *Senate and House of Representatives.*”

3 “(3) *The Committee on Committee on Homeland*
4 *Security and Governmental Affairs of the Senate.*”

5 “(4) *The Committee on Oversight and Reform of*
6 *the House of Representatives.*”.

7 **SEC. 543. TREATMENT OF CERTAIN COMPLAINTS FROM**
8 **MEMBERS OF THE ARMED FORCES.**

9 (a) *REGULATIONS REQUIRED.*—*Not later than 180*
10 *days after the date of the enactment of this Act, each Sec-*
11 *retary of a military department shall issue regulations im-*
12 *plementing subsections (b) and (c).*

13 (b) *MANDATORY IG INVESTIGATION OF CERTAIN COM-*
14 *PLAINTS.*—

15 (1) *INSPECTOR GENERAL INVESTIGATION.*—*A*
16 *complaint described in paragraph (2) from a member*
17 *an Armed Force under the jurisdiction of the Sec-*
18 *retary of a military department—*

19 (A) *may be investigated only by the Inspec-*
20 *tor General of the Armed Force or military de-*
21 *partment concerned; and*

22 (B) *may not be referred to an individual in*
23 *the chain of command of the complainant for in-*
24 *vestigation.*

1 (2) *COMPLAINT DESCRIBED.*—*A complaint de-*
2 *scribed in this paragraph—*

3 *(A) is a complaint alleging that there was*
4 *a violation of a Department of Defense policy re-*
5 *lating to the investigation, processing, or other*
6 *administrative treatment of a report sexual as-*
7 *sault, sexual harassment, or domestic violence;*
8 *and*

9 *(B) does not include a complaint alleging*
10 *an actual act of sexual harassment, sexual as-*
11 *sault, or domestic violence.*

12 (c) *OPPORTUNITY TO WITHDRAW COMPLAINTS BE-*
13 *FORE REFERRAL TO CHAIN OF COMMAND.*—

14 (1) *NOTICE AN OPPORTUNITY TO WITHDRAW.*—
15 *An Inspector General of an Armed Force or military*
16 *department who is in receipt of a complaint that is*
17 *eligible for referral to the chain of command of the*
18 *complainant may refer such complaint to the chain*
19 *of command only if the Inspector General—*

20 *(A) notifies the complainant of the intent of*
21 *the Inspector General to make such referral; and*

22 *(B) provides the complainant with the op-*
23 *portunity to withdraw the complaint during the*
24 *period of 10 days following the issuance of such*
25 *notice.*

1 (2) *EFFECT OF WITHDRAWAL.*—If a complainant
2 *withdraws a complaint pursuant to paragraph*
3 *(1)(B), the Inspector General may not refer the com-*
4 *plaint to an individual in the complainant’s chain of*
5 *command and there shall be no further investigation*
6 *of the complaint.*

7 **SEC. 544. PILOT PROGRAM ON FINANCIAL ASSISTANCE FOR**
8 **VICTIMS OF DOMESTIC VIOLENCE.**

9 (a) *IN GENERAL.*—Beginning not later than one year
10 *after the date of the enactment of this Act, the Secretary*
11 *of Defense shall carry out a pilot program under which the*
12 *Secretary makes grants, on a discretionary basis, to quali-*
13 *fied victims of domestic violence to assist such victims in*
14 *seeking refuge from an abuser.*

15 (b) *DISBURSEMENT.*—A grant under subsection (a)
16 *may be disbursed—*

17 (1) *as a single, lump sum payment; or*

18 (2) *in multiple payments at such times and in*
19 *such amounts as the Secretary determines appro-*
20 *priate.*

21 (c) *MAXIMUM AMOUNT.*—A qualified victim of domes-
22 *tic violence may receive not more than a total of \$7,500*
23 *in grants under subsection (a) during the victim’s lifetime.*

24 (d) *REPORT.*—Not later than one year prior to the ter-
25 *mination date specified in subsection (e), the Secretary of*

1 *Defense shall submit to the Committees on Armed Services*
2 *of the Senate and the House of Representatives a report*
3 *that—*

4 (1) *evaluates the effectiveness of the pilot pro-*
5 *gram under this section; and*

6 (2) *indicates whether the pilot program should be*
7 *continued or expanded.*

8 (e) *TERMINATION.—The authority to carry out the*
9 *pilot program under this section shall terminate six years*
10 *after the date of the enactment of this Act.*

11 (f) *REGULATIONS.—The Secretary of Defense shall pre-*
12 *scribe regulations implementing this section.*

13 (g) *DEFINITIONS.—In this section:*

14 (1) *The term “domestic violence” means an act*
15 *described in section 928b of title 10, United States*
16 *Code (article 128b of the Uniform Code of Military*
17 *Justice).*

18 (2) *The term “qualified victim of domestic vio-*
19 *lence” means an individual who meets the following*
20 *criteria:*

21 (A) *The individual is a member of an*
22 *Armed Force or a spouse, intimate partner, or*
23 *immediate family member of a member of an*
24 *Armed Force.*

1 (B) *The individual reported an incident of*
2 *domestic violence to an organization or element*
3 *of the Department of Defense or to a civilian law*
4 *enforcement organization.*

5 (C) *The individual or a dependent of that*
6 *individual was an alleged victim of such inci-*
7 *dent.*

8 (D) *The individual demonstrates—*
9 (i) *an intent to seek refuge from the al-*
10 *leged abuser; and*
11 (ii) *a need for financial assistance.*

12 **SEC. 545. AGREEMENTS WITH CIVILIAN VICTIM SERVICE**
13 **AGENCIES.**

14 (a) *GUIDANCE REQUIRED.—The Secretary of Defense,*
15 *in consultation with the Secretaries of the military depart-*
16 *ments and the Secretary of the department in which the*
17 *Coast Guard is operating (with respect to the Coast Guard),*
18 *shall issue guidance pursuant to which installation com-*
19 *manders may enter into memoranda of understanding with*
20 *qualified victim service agencies for purposes of providing*
21 *services to victims of sexual assault in accordance with sub-*
22 *section (b).*

23 (b) *CONTENTS OF AGREEMENT.—A memorandum of*
24 *understanding entered into under subsection (a) shall pro-*
25 *vide that personnel of the sexual assault prevention and re-*

1 sponse program at a military installation may refer a vic-
2 tim of sexual assault to a qualified civilian victim service
3 agency if such personnel determine that such a referral
4 would benefit the victim.

5 (c) *VICTIM SERVICE AGENCY DEFINED.*—*In this sec-*
6 *tion, the term “victim service agency” means an agency*
7 *which may provide legal services, counseling, or safe hous-*
8 *ing.*

9 **SEC. 546. ACTIVITIES TO IMPROVE INFORMATION SHARING**
10 **AND COLLABORATION ON MATTERS RELAT-**
11 **ING TO THE PREVENTION OF AND RESPONSE**
12 **TO DOMESTIC ABUSE AND CHILD ABUSE AND**
13 **NEGLECT AMONG MILITARY FAMILIES.**

14 (a) *ENHANCEMENT OF ACTIVITIES FOR AWARENESS*
15 *OF MILITARY FAMILIES REGARDING FAMILY ADVOCACY*
16 *PROGRAMS AND OTHER SIMILAR SERVICES.*—

17 (1) *PILOT PROGRAM ON INFORMATION ON FAPS*
18 *FOR FAMILIES.*—*The Secretary of Defense shall carry*
19 *out a pilot program to assess the feasibility and ad-*
20 *visability of various mechanisms to inform families*
21 *about the Family Advocacy Programs and resiliency*
22 *training of the covered Armed Forces during com-*
23 *mand orientation and during enrollment in the De-*
24 *fense Enrollment Eligibility Reporting System. The*

1 *matters assessed by the pilot program shall include*
2 *the following:*

3 *(A) An option for training of family mem-*
4 *bers on the Family Advocacy Programs.*

5 *(B) The provision to families of information*
6 *on the resources available through the Family*
7 *Advocacy Programs.*

8 *(C) The availability through the Family*
9 *Advocacy Programs of both restricting and unre-*
10 *stricted reporting on incidents of domestic abuse.*

11 *(D) The provision to families of informa-*
12 *tion on the Military OneSource program of the*
13 *Department of Defense.*

14 *(E) The provision to families of informa-*
15 *tion on resources relating to domestic abuse and*
16 *child abuse and neglect that are available*
17 *through local community service organizations.*

18 *(F) The availability of the Military and*
19 *Family Life Counseling Program.*

20 *(2) OUTREACH ON FAP AND SIMILAR SERVICES*
21 *FOR MILITARY FAMILIES.—Each Secretary of a mili-*
22 *tary department shall improve the information avail-*
23 *able to military families under the jurisdiction of*
24 *such Secretary that are the victim of domestic abuse*
25 *or child abuse and neglect in order to provide such*

1 *families with comprehensive information on the serv-*
2 *ices available to such families in connection with such*
3 *violence and abuse and neglect. The information so*
4 *provided shall include a complete guide to the fol-*
5 *lowing:*

6 (A) *The Family Advocacy Program of the*
7 *covered Armed Force or military department*
8 *concerned.*

9 (B) *Military law enforcement services, in-*
10 *cluding the process following a report of an inci-*
11 *dence of domestic abuse or child abuse or neglect.*

12 (C) *Other applicable victim services.*

13 (b) *IMPROVEMENT OF COLLABORATION IN DOMESTIC*
14 *ABUSE PREVENTION SERVICES.—*

15 (1) *IN GENERAL.—Not later than 180 days after*
16 *the date of the enactment of this Act, Department of*
17 *Defense Instruction 6400.01, relating to the Family*
18 *Advocacy Program of the Department of Defense,*
19 *shall be modified to enhance collaboration among the*
20 *programs and entities specified in paragraph (2) for*
21 *the purpose of leveraging the expertise and resources*
22 *of such programs and components to order to improve*
23 *the availability and scope of domestic abuse preven-*
24 *tion services for military families.*

1 (2) *PROGRAMS AND ENTITIES.*—*The programs*
2 *and entities specified in this paragraph are the fol-*
3 *lowing:*

4 (A) *The Family Advocacy Program of the*
5 *Department of Defense.*

6 (B) *The Sexual Assault Prevention and Re-*
7 *sponse Office of the Department of Defense.*

8 (C) *The Defense Suicide Prevention Office..*

9 (D) *The Defense Equal Opportunity Man-*
10 *agement Institute.*

11 (E) *The Defense Health Agency.*

12 (F) *The substance abuse prevention pro-*
13 *grams and entities of the covered Armed Forces.*

14 (G) *Relevant programs and entities of the*
15 *Department of Veterans Affairs.*

16 (H) *Civilian organizations with missions*
17 *relevant to domestic abuse prevention, including*
18 *community health and social services organiza-*
19 *tions.*

20 (I) *Such other programs and entities as the*
21 *Secretary of Defense considers appropriate.*

22 (c) *COVERED ARMED FORCE DEFINED.*—*In this sec-*
23 *tion, the term “covered Armed Force” means the following:*

24 (1) *The Army.*

25 (2) *The Navy.*

1 (3) *The Marine Corps.*

2 (4) *The Air Force.*

3 (5) *The Space Force.*

4 ***Subtitle F—Member Education***

5 ***SEC. 551. INCREASE IN MAXIMUM NUMBER OF STUDENTS***

6 ***ENROLLED AT UNIFORMED SERVICES UNI-***

7 ***VERSITY OF THE HEALTH SCIENCES.***

8 *Section 2114(f)(2) of title 10, United States Code, is*
9 *amended by striking “40” and inserting “60”.*

10 ***SEC. 552. AUTHORIZATION OF CERTAIN SUPPORT FOR MILI-***

11 ***TARY SERVICE ACADEMY FOUNDATIONS.***

12 *(a) IN GENERAL.—Subchapter I of chapter 134 of title*
13 *10, United States Code, is amended by inserting after sec-*
14 *tion 2245 the end the following new section:*

15 ***“§2246. Authorization of certain support for military***

16 ***service academy foundations***

17 *“(a) AUTHORITY.—Subject to subsection (b), the Sec-*
18 *retary of the military department concerned may provide*
19 *the following support to a covered foundation:*

20 *“(1) The use, on an unreimbursed basis, of fa-*
21 *cilities or equipment of the United States by the cov-*
22 *ered foundation, authorized by any—*

23 *“(A) general or flag officer;*

1 “(B) *Senior Executive Service employee as-*
2 *signed to the Service Academy supported by that*
3 *covered foundation; or*

4 “(C) *official designated by the Secretary*
5 *concerned.*

6 “(2) *Endorsement by an individual described in*
7 *paragraph (1) of—*

8 “(A) *the covered foundation;*

9 “(B) *an event of the covered foundation; or*

10 “(C) *an activity of the covered foundation.*

11 “(b) *LIMITATIONS.—Support under subsection (a)*
12 *may be provided only if such support—*

13 “(1) *is without any liability of the United States*
14 *to the covered foundation;*

15 “(2) *does not affect the ability of any official or*
16 *employee of the military department concerned, or*
17 *any member of the armed forces, to carry out any re-*
18 *sponsibility or duty in a fair and objective manner;*

19 “(3) *does not compromise the integrity or ap-*
20 *pearance of integrity of any program of the military*
21 *department concerned, or any individual involved in*
22 *such a program; and*

23 “(4) *does not include the participation of any*
24 *cadet or midshipman, other than participation in an*
25 *honor guard at an event of the covered foundation.*

1 “(c) *BRIEFING.*—*In any fiscal year during which sup-*
2 *port is provided under subsection (a), the Secretary of the*
3 *military department concerned shall provide a briefing not*
4 *later than the last day of that fiscal year to the congres-*
5 *sional defense committees regarding the number of events*
6 *or activities of a covered foundation in which an individual*
7 *described in subsection (a)(1) participated during such fis-*
8 *cal year.*

9 “(d) *DEFINITIONS.*—*In this section:*

10 “(1) *The term ‘covered foundation’ means a*
11 *charitable, educational, or civic nonprofit organiza-*
12 *tion under section 501(c)(3) of the Internal Revenue*
13 *Code of 1986, that the Secretary concerned determines*
14 *operates exclusively to support, with respect to a*
15 *Service Academy, any of the following:*

16 “(A) *Recruiting.*

17 “(B) *Parent or alumni development.*

18 “(C) *Academic, leadership, or character de-*
19 *velopment.*

20 “(D) *Institutional development.*

21 “(E) *Athletics.*

22 “(2) *The term ‘Service Academy’ has the mean-*
23 *ing given such term in section 347 of this title.”.*

1 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
2 *the beginning of such subchapter is amended by inserting*
3 *after the item relating to item 2245 the following new item:*

“2246. Authorization of certain support for military service academy founda-
tions.”.

4 **SEC. 553. AGREEMENT BY A CADET OR MIDSHIPMAN TO**
5 **PLAY PROFESSIONAL SPORT CONSTITUTES A**
6 **BREACH OF SERVICE OBLIGATION.**

7 (a) *UNITED STATES MILITARY ACADEMY.*—*Section*
8 *7448 of title 10, United States Code, is amended as follows:*

9 (1) *Paragraph (5) of subsection (a) is amended*
10 *to read as follows:*

11 *“(5) The cadet may not obtain employment, in-*
12 *cluding as a professional athlete, until after com-*
13 *pleting the cadet’s commissioned service obligation.”.*

14 (2) *Subsection (b) is amended by adding at the*
15 *end the following new paragraph:*

16 *“(4) A cadet who violates paragraph (5) of subsection*
17 *(a) by obtaining employment as a professional athlete is*
18 *not eligible for the alternative obligation under paragraph*
19 *(1).”.*

20 (3) *Subsection (c) is amended—*

21 *(A) by redesignating paragraphs (2) and*
22 *(3) as paragraphs (3) and (4), respectively; and*

23 *(B) by inserting, after paragraph (1), the*
24 *following new paragraph (2):*

1 “(2) that a cadet who obtains employment as a
2 professional athlete before completing the cadet’s com-
3 missioned service obligation has breached an agree-
4 ment under such subsection;”.

5 (4) Subsection (d) is amended—

6 (A) by striking “with respect to an officer
7 who is a graduate of the Academy” and insert-
8 ing “with respect to a cadet”; and

9 (B) by striking “officer’s” and inserting
10 “cadet’s”.

11 (5) Subsection (f) is amended by striking “the
12 terms” and inserting “each term”.

13 (b) UNITED STATES NAVAL ACADEMY.—Section 8459
14 of title 10, United States Code, is amended as follows:

15 (1) Paragraph (5) of subsection (a) is amended
16 to read as follows:

17 “(5) The midshipman may not obtain employ-
18 ment, including as a professional athlete, until after
19 completing the midshipman’s commissioned service
20 obligation.”.

21 (2) Subsection (b) is amended by adding at the
22 end the following new paragraph:

23 “(4) A midshipman who violates paragraph (5) of sub-
24 section (a) by obtaining employment as a professional ath-

1 *lete is not eligible for the alternative obligation under para-*
2 *graph (1).”.*

3 (3) *Subsection (c) is amended—*

4 (A) *by redesignating paragraphs (2) and*
5 *(3) as paragraphs (3) and (4), respectively; and*

6 (B) *by inserting, after paragraph (1), the*
7 *following new paragraph (2):*

8 “(2) *that a midshipman who obtains employ-*
9 *ment as a professional athlete before completing the*
10 *midshipman’s commissioned service obligation has*
11 *breached an agreement under such subsection;”.*

12 (4) *Subsection (d) is amended—*

13 (A) *by striking “with respect to an officer*
14 *who is a graduate of the Academy” and insert-*
15 *ing “with respect to a midshipman”; and*

16 (B) *by striking “officer’s” and inserting*
17 *“midshipman’s”.*

18 (5) *Subsection (f) is amended by striking “the*
19 *terms” and inserting “each term”.*

20 (c) *UNITED STATES AIR FORCE ACADEMY.—Section*
21 *9448 of title 10, United States Code, is amended as follows:*

22 (1) *Paragraph (5) of subsection (a) is amended*
23 *to read as follows:*

1 “(5) *The cadet may not obtain employment, in-*
2 *cluding as a professional athlete, until after com-*
3 *pleting the cadet’s commissioned service obligation.*”.

4 (2) *Subsection (b) is amended by adding at the*
5 *end the following new paragraph:*

6 “(4) *A cadet who violates paragraph (5) of subsection*
7 *(a) by obtaining employment as a professional athlete is*
8 *not eligible for the alternative obligation under paragraph*
9 *(1).*”.

10 (3) *Subsection (c) is amended—*

11 (A) *by redesignating paragraphs (2) and*
12 (3) *as paragraphs (3) and (4), respectively; and*

13 (B) *by inserting, after paragraph (1), the*
14 *following new paragraph (2):*

15 “(2) *that a cadet who obtains employment as a*
16 *professional athlete before completing the cadet’s com-*
17 *missioned service obligation has breached an agree-*
18 *ment under such subsection;*”.

19 (4) *Subsection (d) is amended—*

20 (A) *by striking “with respect to an officer*
21 *who is a graduate of the Academy” and insert-*
22 *ing “with respect to a cadet”; and*

23 (B) *by striking “officer’s” and inserting*
24 *“cadet’s”.*

1 (5) *Subsection (f) is amended by striking “the*
2 *terms” and inserting “each term”.*

3 **SEC. 554. NAVAL POSTGRADUATE SCHOOL: ATTENDANCE BY**
4 **ENLISTED MEMBERS.**

5 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
6 *that:*

7 (1) *The demands of the future operating environ-*
8 *ment need to be met by the most professional, intel-*
9 *ligent, innovative, and capable servicemembers our*
10 *nation has ever produced.*

11 (2) *Though officers comprise roughly 18% of the*
12 *armed forces, they receive significantly higher invest-*
13 *ments into their education up to the PhD level than*
14 *that of their enlisted counterparts.*

15 (3) *Investing in enlisted advanced education will*
16 *strengthen the lethality of the armed forces by pro-*
17 *ducing higher quantities of noncommissioned officers*
18 *able to operate through the intellectual demands of*
19 *complex contingencies, producing military leaders at*
20 *rates higher than is otherwise feasible with the pool*
21 *of eligible officers.*

22 (4) *Conducting research and analysis on the im-*
23 *act of advanced education on enlisted*
24 *servicemembers performance, promotion rate, mis-*
25 *conduct, and retention is critical to propelling the*

1 *Department of Defense’s initiatives for a modern,*
2 *state-of-the art approach to education and research to*
3 *create and sustain an intellectual overmatch in to-*
4 *day’s warfighting domains.*

5 *(5) The Naval Postgraduate School serves as a*
6 *converging point for all branches of the United States*
7 *military while simultaneously offering innovative*
8 *learning environments that, combined, offers an ideal*
9 *testing ground to evaluate the potential benefits of ex-*
10 *panding enlisted higher education across the Joint*
11 *Force.*

12 *(b) IN GENERAL.—Subsection (a)(2)(D)(iii) of section*
13 *8545 of title 10, United States Code, is amended by striking*
14 *“only on a space-available basis” and inserting “at a rate*
15 *of acceptance not to be conditioned by the number of officer*
16 *applications”.*

17 *(c) BRIEFING.—Six years after the date of the enact-*
18 *ment of this Act, the Secretary of Defense shall brief the*
19 *Committees on Armed Services of the Senate and House of*
20 *Representatives on the effects of increasing enrollment of en-*
21 *listed members at the Naval Postgraduate School pursuant*
22 *to the amendment made by subsection (a). Such briefing*
23 *shall include the following elements:*

24 *(1) Any increase to the lethality of the Armed*
25 *Forces.*

1 (2) *Effects on rates of recruitment, promotion*
2 *(including compensation to members), and retention.*

3 (3) *Effects on malign behavior by members of the*
4 *Armed Forces.*

5 **SEC. 555. AUTHORITY TO WAIVE TUITION AT UNITED**
6 **STATES AIR FORCE INSTITUTE OF TECH-**
7 **NOLOGY FOR CERTAIN PRIVATE SECTOR CI-**
8 **VILIANS.**

9 *Section 9414a(e)(1) of title 10, United States Code, is*
10 *amended—*

11 (1) *in by striking “The United” and inserting*
12 *“Subject to paragraph (3), the United”; and*

13 (2) *by adding at the end the following:*

14 *“(3) The Director and Chancellor of the United States*
15 *Air Force Institute of Technology may waive tuition for*
16 *a student, enrolled under this section, who attends a course*
17 *for professional continuing education.”.*

18 **SEC. 556. TERMS OF PROVOST AND ACADEMIC DEAN OF**
19 **THE UNITED STATES AIR FORCE INSTITUTE**
20 **OF TECHNOLOGY.**

21 (a) *IN GENERAL.—Paragraph (2) of subsection (b) of*
22 *section 9414b of title 10, United States Code, is amended*
23 *to read as follows: “An individual selected for the position*
24 *of Provost and Chief Academic Officer shall serve in that*
25 *position for a term of not more than five years and may*

1 *be continued in that position for an additional term of up*
2 *to five years”.*

3 (b) *CONFORMING AMENDMENT.*—Paragraph (1) of
4 *such subsection is amended by striking “appointed” and in-*
5 *serting “selected”.*

6 **SEC. 557. ESTABLISHMENT OF CONSORTIUM FOR CUR-**
7 **RICULA IN MILITARY EDUCATION.**

8 (a) *ESTABLISHMENT.*—Not later than one year after
9 *the date of the enactment of this Act, the Secretary of De-*
10 *fense, in coordination with the Chairman of the Joint*
11 *Chiefs of Staff, and in coordination with the Under Sec-*
12 *retary of Defense for Personnel and Readiness, shall estab-*
13 *lish a consortium of the institutions of military education*
14 *and covered entities.*

15 (b) *ACTIVITIES.*—The duties of the consortium shall be
16 *to conduct research and develop common, research-based*
17 *curricula for the institutions of military education in order*
18 *to improve military education for students of the consor-*
19 *tium members.*

20 (c) *CURRICULA.*—

21 (1) *IN GENERAL.*—Curricula developed by the
22 *consortium shall—*

23 (A) *be more responsive to new opportunities*
24 *and challenges in an era of great power competi-*
25 *tion, and in which security requires knowledge of*

1 *economics, new technologies, supply chains, and*
2 *adversarial governments;*

3 *(B) creatively apply military power to in-*
4 *form national strategy, conduct globally inte-*
5 *grated operations, and fight under conditions of*
6 *disruptive change; and*

7 *(C) include non-military topics, such as di-*
8 *plomacy, economics, information, intelligence,*
9 *and culture.*

10 (2) *APPLIED DESIGN FOR INNOVATION OF THE*
11 *DEFENSE ANALYSIS DEPARTMENT AT THE NAVAL*
12 *POSTGRADUATE SCHOOL.—The Secretary may make*
13 *permanent the curriculum of the Applied Design for*
14 *Innovation of the Defense Analysis Department at the*
15 *Naval Postgraduate School and use such curriculum*
16 *as a model to be replicated at other institutions of*
17 *military education.*

18 (d) *DIRECTOR.—The Director of the consortium shall*
19 *be the President of National Defense University.*

20 (e) *MEETINGS.—The consortium shall meet at the call*
21 *of the Director, in accordance with the following:*

22 (1) *The consortium and the Chiefs of the Armed*
23 *Forces shall meet not less than once annually to es-*
24 *tablish or revise curricula.*

1 (2) *The consortium shall meet not less than twice*
2 *annually to establish a plan of action and milestones*
3 *to prepare curricula.*

4 (f) *REPORTS.—*

5 (1) *INTERIM REPORT.—Not later than 180 days*
6 *after the date of the enactment of this Act, the Sec-*
7 *retary shall submit to the Committees on Armed Serv-*
8 *ices of the Senate and House of Representative an in-*
9 *terim report on the organization, activities, funding,*
10 *actions and milestones of the consortium.*

11 (2) *ANNUAL REPORT.—Not later than September*
12 *30 of each year, beginning in 2024 and ending in*
13 *2028, the Secretary shall submit to the Committees on*
14 *Armed Services of the Senate and House of Represent-*
15 *ative a report describing the activities, funding, cur-*
16 *ricula created, and research conducted by the consor-*
17 *tium during the preceding year.*

18 (g) *TERMINATION.—The consortium shall terminate on*
19 *September 30, 2028.*

20 (h) *DEFINITIONS.—In this section:*

21 (1) *The term “institutions of military edu-*
22 *cation” means—*

23 (A) *the professional military education*
24 *schools;*

25 (B) *the senior level service schools;*

1 (C) *the intermediate level service schools;*

2 (D) *the joint intermediate level service*
3 *school;*

4 (E) *the Naval Postgraduate School; and*

5 (F) *the military service academies.*

6 (2) *The term “covered entity” means—*

7 (A) *an institution of higher education that*
8 *the Secretary determines has an established pro-*
9 *gram of education regarding national security or*
10 *technology relevant to the Department of Defense;*
11 *or*

12 (B) *an entity that the Secretary determines*
13 *conducts research in policy relevant to the De-*
14 *partment of Defense.*

15 (3) *The term “institution of higher education”*
16 *has the meaning given that term in section 101 of the*
17 *Higher Education Act of 1965 (Public Law 89–329;*
18 *20 U.S.C. 1001).*

19 (4) *The terms “intermediate level service school”,*
20 *“joint intermediate level service school”, and “senior*
21 *level service school” have the meaning given such*
22 *terms in section 2151 of title 10, United States Code.*

23 (5) *The term “military service academy” means*
24 *the following:*

25 (A) *The United States Military Academy.*

1 (B) *The United States Naval Academy.*

2 (C) *The United States Air Force Academy.*

3 (6) *The term “professional military education*
4 *schools” means the schools specified in section 2162 of*
5 *title 10, United States Code.*

6 **SEC. 558. ESTABLISHMENT OF CONSORTIUM OF INSTITU-**
7 **TIONS OF MILITARY EDUCATION FOR CYBER-**
8 **SECURITY MATTERS.**

9 (a) *ESTABLISHMENT.*—*Not later than one year after*
10 *the date of the enactment of this Act, the Secretary of De-*
11 *fense, in coordination with the Chairman of the Joint*
12 *Chiefs of Staff and the Under Secretary of Defense for Per-*
13 *sonnel and Readiness, shall establish a consortium of the*
14 *institutions of military education and covered entities.*

15 (b) *FUNCTIONS.*—*The functions of the consortium in-*
16 *clude the following:*

17 (1) *To provide a forum for members of the con-*
18 *sortium to share information regarding matters of*
19 *education on cybersecurity, including—*

20 (A) *education of cyber mission forces;*

21 (B) *lessons learned;*

22 (C) *the intersection of cybersecurity across*
23 *all warfighting domains; and*

24 (D) *other matters of cybersecurity related to*
25 *national security.*

1 (2) *To develop a cybersecurity research agenda*
2 *to—*

3 (A) *identify gaps in cybersecurity of the De-*
4 *partment of Defense; and*

5 (B) *study offensive threats, defensive*
6 *threats, and active deterrence in the cyber do-*
7 *main.*

8 (3) *To provide the Secretary, the consortium*
9 *members, and other entities determined appropriate*
10 *by the Secretary, access to the expertise of the mem-*
11 *bers of the consortium on matters relating to cyberse-*
12 *curity.*

13 (4) *To align the efforts of the members of the*
14 *consortium to support cybersecurity of the Depart-*
15 *ment of Defense.*

16 (c) *DIRECTOR.—The Director of the consortium shall*
17 *be the President of National Defense University. The Direc-*
18 *tor shall consult and coordinate with representatives of the*
19 *institutions of military education and covered entities.*

20 (d) *MEETINGS.—The consortium shall meet at the call*
21 *of the Director, including—*

22 (1) *not less than once annually with the Chiefs*
23 *of the Armed Forces; and*

1 (2) *not less than once annually to conduct cyber*
2 *space war games wherein members of the consortium*
3 *compete.*

4 (e) *COORDINATION WITH OTHER ENTITIES.—The*
5 *Consortium shall, to the maximum extent practicable, co-*
6 *ordinate on matters of mutual interest and align its efforts*
7 *with the consortium established under section 1659 of the*
8 *National Defense Authorization Act for Fiscal Year 2020*
9 *(Public Law 116–92; 10 U.S.C. 391 note).*

10 (f) *REPORTS.—*

11 (1) *INTERIM REPORT.—Not later than 180 days*
12 *after the date of the enactment of this Act, the Sec-*
13 *retary shall submit to the Committees on Armed Serv-*
14 *ices of the Senate and House of Representative an in-*
15 *terim report on the organization, activities, funding,*
16 *actions and milestones of the consortium.*

17 (2) *ANNUAL REPORT.—Not later than September*
18 *30 of each year, beginning in 2024 and ending in*
19 *2028, the Secretary shall submit to the Committees on*
20 *Armed Services of the Senate and House of Represent-*
21 *ative a report describing the activities, funding, re-*
22 *search conducted by the consortium, and other mat-*
23 *ters determined by the Secretary, during the pre-*
24 *ceding year.*

1 (g) *TERMINATION.*—*The consortium shall terminate on*
2 *September 30, 2028.*

3 (h) *DEFINITIONS.*—*In this section:*

4 (1) *The term “institutions of military edu-*
5 *cation” means—*

6 (A) *the professional military education*
7 *schools;*

8 (B) *the senior level service schools;*

9 (C) *the intermediate level service schools;*

10 (D) *the joint intermediate level service*
11 *school;*

12 (E) *the Naval Postgraduate School; and*

13 (F) *the military service academies.*

14 (2) *The term “covered entity” means—*

15 (A) *an institution of higher education that*
16 *the Secretary determines has an established pro-*
17 *gram of education regarding cybersecurity or*
18 *technology relevant to the Department of Defense;*
19 *or*

20 (B) *an entity that the Secretary determines*
21 *conducts research in cybersecurity relevant to the*
22 *Department of Defense.*

23 (3) *The term “institution of higher education”*
24 *has the meaning given that term in section 101 of the*

1 *Higher Education Act of 1965 (Public Law 89–329;*
2 *20 U.S.C. 1001).*

3 (4) *The terms “intermediate level service school”,*
4 *“joint intermediate level service school”, and “senior*
5 *level service school” have the meaning given such*
6 *terms in section 2151 of title 10, United States Code.*

7 (5) *The term “military service academy” means*
8 *the following:*

9 (A) *The United States Military Academy.*

10 (B) *The United States Naval Academy.*

11 (C) *The United States Air Force Academy.*

12 (6) *The term “professional military education*
13 *schools” means the schools specified in section 2162 of*
14 *title 10, United States Code.*

15 **SEC. 559. COMMISSION ON PROFESSIONAL MILITARY EDU-**
16 **CATION.**

17 (a) *ESTABLISHMENT.—There is established a commis-*
18 *sion to examine the purpose, implementation, outcomes,*
19 *and relevance of professional military education programs*
20 *operated by the Department of Defense. The commission*
21 *shall be known as the “Commission on Professional Mili-*
22 *tary Education” (referred to in this section as the “Com-*
23 *mission”).*

24 (b) *MEMBERSHIP.—*

1 (1) *COMPOSITION.*—*The Commission shall be*
2 *composed of the following members:*

3 (A) *Two members appointed by the Chair-*
4 *man of the Committee on Armed Services of the*
5 *Senate, one of whom shall be a Senator and one*
6 *who may not be a Senator.*

7 (B) *Two members appointed by the Rank-*
8 *ing Minority Member of the Committee on*
9 *Armed Services of the Senate, one of whom shall*
10 *be a Senator and one who may not be a Senator.*

11 (C) *Two members appointed by the Chair of*
12 *the Committee on Armed Services of the House*
13 *of Representatives, one of whom shall be a Mem-*
14 *ber of the House of Representatives and one who*
15 *may not be a Member of the House of Represent-*
16 *atives.*

17 (D) *Two members appointed by the Rank-*
18 *ing Minority Member of the Committee on*
19 *Armed Services of the House of Representatives,*
20 *one of whom shall be a Member of the House of*
21 *Representatives and one who may not be a Mem-*
22 *ber of the House of Representatives.*

23 (2) *CHAIR.*—*The Commission shall have one*
24 *Chair, selected by the members of the Commission.*

25 (c) *APPOINTMENT; INITIAL MEETING.*—

1 (1) *APPOINTMENT.*—*Members of the Commission*
2 *shall be appointed not later than 60 days after the*
3 *date of the enactment of this Act.*

4 (2) *INITIAL MEETING; NOTICE.*—*The Commission*
5 *shall hold its initial meeting on or before the date*
6 *that is 90 days after the date of the enactment of this*
7 *Act. In lieu of publication in the Federal Register, the*
8 *Commission shall post a notice of such meeting on a*
9 *publicly accessible website of the Commission at least*
10 *15 days before such meeting.*

11 (d) *MEETINGS; NOTICE; QUORUM; VACANCIES.*—

12 (1) *IN GENERAL; NOTICE.*—*After its initial meet-*
13 *ing, the Commission shall meet—*

14 (A) *upon the call of the Chair of the Com-*
15 *mission; and*

16 (B) *not fewer than 15 days after posting a*
17 *notice of such meeting on a publicly accessible*
18 *website of the Commission, in lieu of publication*
19 *in the Federal Register.*

20 (2) *QUORUM.*—*Five members of the Commission*
21 *shall constitute a quorum for purposes of conducting*
22 *business, except that two members of the Commission*
23 *shall constitute a quorum for purposes of receiving*
24 *testimony.*

1 (3) *VACANCIES.*—*Members shall be appointed for*
2 *the life of the Commission. Any vacancy in the Com-*
3 *mission shall not affect its powers, but shall be filled*
4 *in the same manner as the original appointment.*

5 (4) *QUORUM WITH VACANCIES.*—*If vacancies in*
6 *the Commission occur on any day after 60 days after*
7 *the date of the enactment of this Act, a quorum shall*
8 *consist of a majority of the members of the Commis-*
9 *sion as of such day.*

10 (e) *ACTIONS OF COMMISSION.*—

11 (1) *IN GENERAL.*—*The Commission shall act by*
12 *resolution agreed to by a majority of the members of*
13 *the Commission voting and present.*

14 (2) *SUBCOMMITTEES.*—*The Commission may es-*
15 *tablish subcommittees composed of less than the full*
16 *membership of the Commission for purposes of car-*
17 *rying out the duties of the Commission under this sec-*
18 *tion. The actions of any such subcommittee shall be*
19 *subject to the review and control of the Commission.*
20 *Any findings and determinations made by such a*
21 *subcommittee shall not be considered the findings and*
22 *determinations of the Commission unless approved by*
23 *the Commission.*

24 (3) *DELEGATION.*—*Any member, agent, or staff*
25 *of the Commission may, if authorized by the Chair of*

1 *the Commission, take any action which the Commis-*
2 *sion is authorized to take pursuant to this section.*

3 *(f) DUTIES.—The duties of the Commission are as fol-*
4 *lows:*

5 *(1) To—*

6 *(A) review the purpose and desired out-*
7 *comes, as indicated in Department of Defense*
8 *Instruction 1322.35, of professional military*
9 *education in support of the National Defense*
10 *Strategy; and*

11 *(B) evaluate whether the Armed Forces are*
12 *achieving such purpose and outcomes.*

13 *(2) To review and evaluate the means by which*
14 *faculty assigned to teach professional military edu-*
15 *cation are selected, managed, promoted, evaluated,*
16 *and afforded academic freedom, including—*

17 *(A) members serving on active duty;*

18 *(B) civilian instructors who are military*
19 *retirees; and*

20 *(C) civilian instructors who are not mili-*
21 *tary retirees.*

22 *(3) To—*

23 *(A) review how members are selected for res-*
24 *idential and non-residential professional mili-*
25 *tary education;*

1 (B) evaluate whether students are ade-
2 quately prepared for professional military edu-
3 cation programs; and

4 (C) whether additional entrance require-
5 ments, such as a writing assessment and aca-
6 demic prerequisites, should be established.

7 (4) To—

8 (A) review and assess how the performance
9 of professional military education students is
10 evaluated during the academic year;

11 (B) how such performance is reflected in the
12 service records of such students; and

13 (C) consider whether students assigned to
14 residential professional military education at the
15 war colleges should be objectively evaluated by
16 the faculty for potential at more senior ranks.

17 (5) To review and evaluate whether and how
18 professional military education prepares graduates
19 for senior-level operational and strategic assignments.

20 (6) To review and evaluate whether and how the
21 Armed Forces consider and fully leverage professional
22 military education in subsequent assignments.

23 (7) To consider whether professional military
24 education tracks focused on China, Russia, or other
25 key adversaries or topics of importance to the Na-

1 *tional Defense Strategy would provide value for the*
2 *Armed Forces.*

3 (8) *With respect to professional military edu-*
4 *cation curriculum, to review and evaluate—*

5 (A) *relevance to the National Defense Strat-*
6 *egy and current and future defense needs, includ-*
7 *ing topics covered and modalities of instruction,*
8 *such as interactive seminars, wargaming, and*
9 *other simulations; and*

10 (B) *the process for developing and modi-*
11 *fying the curriculum.*

12 (9) *To evaluate whether the Armed Forces have*
13 *established a system of accountability to ensure that*
14 *professional military education meets the defense*
15 *needs of the United States at a reasonable cost.*

16 (10) *To review and evaluate the appropriateness*
17 *of the service commitments imposed by the Armed*
18 *Forces for members selected for professional military*
19 *education.*

20 (g) *POWERS OF COMMISSION.—*

21 (1) *IN GENERAL.—The Commission or, on the*
22 *authorization of the Commission, any subcommittee*
23 *or member thereof, may, for the purpose of carrying*
24 *out the provisions of this section hold such hearings*
25 *and sit and act at such times and places, take such*

1 *testimony, receive such evidence, and administer such*
2 *oaths.*

3 (2) *CONTRACTING.*—*The Commission may, to*
4 *such extent and in such amounts as are provided in*
5 *advance in appropriation Acts, enter into contracts to*
6 *enable the Commission to discharge its duties under*
7 *this section.*

8 (3) *INFORMATION FROM FEDERAL AGENCIES.*—

9 (A) *IN GENERAL.*—*The Commission may se-*
10 *cure directly from any executive department,*
11 *agency, bureau, board, commission, office, inde-*
12 *pendent establishment, or instrumentality of the*
13 *Government information, suggestions, estimates,*
14 *and statistics for the purposes of this section.*

15 (B) *COMPLIANCE.*—*Except for the intel-*
16 *ligence community (as such term is defined in*
17 *section 3 of the National Security Act of 1947*
18 *(Chapter 343; 61 Stat. 496; 50 U.S.C. 3003)),*
19 *each such department, agency, bureau, board,*
20 *commission, office, establishment, or instrumen-*
21 *tality shall, to the extent authorized by law, fur-*
22 *nish such information, suggestions, estimates,*
23 *and statistics directly to the Commission, upon*
24 *request of the Chair of the Commission.*

1 (C) *CLASSIFIED INFORMATION.*—*The Com-*
2 *mission shall handle and protect all classified in-*
3 *formation provided to it under this section in*
4 *accordance with applicable statutes and regula-*
5 *tions.*

6 (4) *ASSISTANCE FROM DEPARTMENT OF DE-*
7 *FENSE.*—*The Secretary of Defense shall provide to the*
8 *Commission, on a nonreimbursable basis, such ad-*
9 *ministrative services, funds, staff, facilities, and other*
10 *support services as are necessary for the performance*
11 *of the Commission's duties under this section.*

12 (5) *POSTAL SERVICES.*—*The Commission may*
13 *use the United States postal services in the same*
14 *manner and under the same conditions as the depart-*
15 *ments and agencies of the United States.*

16 (6) *GIFTS.*—*No member or staff of the Commis-*
17 *sion may receive a gift or benefit by reason of the*
18 *service of such member or staff to the Commission.*

19 (h) *STAFF OF COMMISSION.*—

20 (1) *DIRECTOR.*—*The Chair of the Commission,*
21 *in accordance with rules agreed upon by the Commis-*
22 *sion, shall appoint and fix the compensation of a staff*
23 *director and such other personnel as may be necessary*
24 *to enable the Commission to carry out its duties,*
25 *without regard to the provisions of title 5, United*

1 *States Code, governing appointments in the competi-*
2 *tive service, and without regard to the provisions of*
3 *chapter 51 and subchapter III of chapter 53 of such*
4 *title relating to classification and General Schedule*
5 *pay rates, except that no rate of pay fixed under this*
6 *subsection may exceed the equivalent of that payable*
7 *to a person occupying a position at level V of the Ex-*
8 *ecutive Schedule under section 5316 of such title.*

9 (2) *DETAILEES.*—*Any Federal Government em-*
10 *ployee may be detailed to the Commission without re-*
11 *imbursement from the Commission, and such detailee*
12 *shall retain the rights, status, and privileges of his or*
13 *her regular employment without interruption.*

14 (3) *CONSULTANT SERVICES.*—*The Commission*
15 *may procure the services of experts and consultants in*
16 *accordance with section 3109 of title 5, United States*
17 *Code, but at rates not to exceed the daily rate paid*
18 *a person occupying a position at level IV of the Exec-*
19 *utive Schedule under section 5315 of such title.*

20 (i) *COMPENSATION AND TRAVEL EXPENSES.*—

21 (1) *COMPENSATION.*—

22 (A) *IN GENERAL.*—*Except as provided in*
23 *paragraph (2), each member of the Commission*
24 *may be compensated at not to exceed the daily*
25 *equivalent of the annual rate of basic pay in ef-*

1 *fect for a position at level IV of the Executive*
2 *Schedule under section 5315 of title 5, United*
3 *States Code, for each day during which that*
4 *member is engaged in the actual performance of*
5 *the duties of the Commission under this section.*

6 *(B) FEDERAL OFFICERS OR EMPLOYEES.—*

7 *Members of the Commission who are officers or*
8 *employees of the United States or Members of*
9 *Congress shall receive no additional pay by rea-*
10 *son of their service on the Commission.*

11 *(2) TRAVEL EXPENSES.—While away from their*

12 *homes or regular places of business in the perform-*
13 *ance of services for the Commission, members of the*
14 *Commission may be allowed travel expenses, includ-*
15 *ing per diem in lieu of subsistence, in the same man-*
16 *ner as persons employed intermittently in the Govern-*
17 *ment service are allowed expenses under section 5703*
18 *of title 5, United States Code.*

19 *(j) FINAL REPORT; TERMINATION.—*

20 *(1) FINAL REPORT.—Not later than 18 months*
21 *after the date of the enactment of this Act, the Com-*
22 *mission shall submit to the congressional defense com-*
23 *mittees and the Secretary of Defense an unclassified*
24 *report (that may include a classified annex) con-*

1 *taining the findings and recommendations of the*
2 *Commission.*

3 (2) *TERMINATION.*—

4 (A) *IN GENERAL.*—*The Commission, and all*
5 *the authorities of this section, shall terminate at*
6 *the end of the 120-day period beginning on the*
7 *date on which the final report under paragraph*
8 *(1) is submitted to the congressional defense com-*
9 *mittees.*

10 (B) *WINDING DOWN.*—*The Commission may*
11 *use the 120-day period referred to in subpara-*
12 *graph (A) for the purposes of concluding its ac-*
13 *tivities, including providing testimony to Con-*
14 *gress concerning the final report referred to in*
15 *that subparagraph and disseminating the report.*

16 ***Subtitle G—Member Training and***
17 ***Transition***

18 ***SEC. 561. INFORMATION REGARDING APPRENTICESHIPS***
19 ***FOR MEMBERS DURING INITIAL ENTRY***
20 ***TRAINING.***

21 (a) *REQUIREMENT.*—*Chapter 31 of title 10, United*
22 *States Code, is amended by inserting after section 510 the*
23 *following new section:*

1 **“§510a. Provision of information regarding appren-**
 2 **ticeships during initial entry training**

3 “(a) *IN GENERAL.*—*The Secretary concerned shall*
 4 *provide to a member, during initial entry training, infor-*
 5 *mation regarding registered apprenticeship programs re-*
 6 *lated to the military occupational specialty or career field*
 7 *of such member.*

8 “(b) *REGISTERED APPRENTICESHIP PROGRAM DE-*
 9 *FINED.*—*In this section, the term ‘registered apprenticeship*
 10 *program’ means an apprenticeship program registered*
 11 *under the Act of August 16, 1937 (commonly known as the*
 12 *‘National Apprenticeship Act’; 50 Stat. 664, chapter 663;*
 13 *29 U.S.C. 50 et seq.).”.*

14 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
 15 *the beginning of such chapter is amended by inserting, after*
 16 *the item relating to section 510, the following new item:*

*“510a. Provision of information regarding apprenticeships during initial entry
 training.”.*

17 **SEC. 562. EXTREMIST ACTIVITY BY A MEMBER OF THE**
 18 **ARMED FORCES: NOTATION IN SERVICE**
 19 **RECORD; TAP COUNSELING.**

20 (a) *TAP COUNSELING.*—*Subsection (b) of section 1142*
 21 *of title 10, United States Code, is amended by adding at*
 22 *the end the following new paragraph (20):*

23 “(20) *In the case of a member who has violated*
 24 *Department of Defense Instruction 1325.06 (or suc-*

1 cessor document), relating to extremist activity, in-
2 person counseling, developed by the Secretary of De-
3 fense in consultation with the Secretary of Homeland
4 Security, that includes—

5 “(A) information regarding why extremist
6 activity is inconsistent with service in the armed
7 forces and with national security;

8 “(B) information regarding the dangers as-
9 sociated with involvement with an extremist
10 group; and

11 “(C) methods for the member to recognize
12 and avoid information that may promote ex-
13 tremist activity.”.

14 (b) *SERVICE RECORD*.—In the case of a member de-
15 scribed in paragraph (20) of such subsection, as added by
16 subsection (a) of this section, the Secretary concerned shall
17 ensure that the commanding officer of such member notes
18 such violation in the service record of such member.

19 (c) *IMPLEMENTATION DATE*.—The Secretary of De-
20 fense shall complete development of counseling under such
21 paragraph not later than the day that is one year after
22 the date of the enactment of this Act. The Secretary con-
23 cerned shall ensure that such counseling is carried out on
24 and after such day.

1 **SEC. 563. CODIFICATION OF SKILLBRIDGE PROGRAM.**

2 (a) *IN GENERAL.*—Section 1143(e) of title 10, United
3 States Code, is amended—

4 (1) *in the heading, by adding “; SKILLBRIDGE”*
5 *after “TRAINING”; and*

6 (2) *in paragraph (1), by adding at the end*
7 *“Such a program shall be known as ‘Skillbridge’.”.*

8 (b) *REGULATIONS.*—To carry out Skillbridge, the Sec-
9 retary of Defense shall, not later than September 30, 2023—

10 (1) *update Department of Defense Instruction*
11 *1322.29, titled “Job Training, Employment Skills*
12 *Training, Apprenticeships, and Internships (JTEST-*
13 *AI) for Eligible Service Members”; and*

14 (2) *develop a funding plan for Skillbridge that*
15 *includes funding lines across the future-years defense*
16 *program under section 221 of title 10, United States*
17 *Code.*

18 **SEC. 564. TRAINING ON DIGITAL CITIZENSHIP AND MEDIA**
19 **LITERACY IN ANNUAL CYBER AWARENESS**
20 **TRAINING FOR CERTAIN MEMBERS.**

21 (a) *IN GENERAL.*—The annual cyber awareness train-
22 ing provided to members of the covered Armed Forces shall
23 include a digital literacy module regarding digital citizen-
24 ship, media literacy, and protection against cyber threats
25 (such as influenced or digitally altered information).

26 (b) *DEFINITIONS.*—In this section:

1 (1) *The term “covered Armed Force” means the*
2 *following:*

3 (A) *The Army.*

4 (B) *The Navy.*

5 (C) *The Marine Corps.*

6 (D) *The Air Force.*

7 (E) *The Space Force.*

8 (2) *The term “digital citizenship” means the*
9 *ability to safely, responsibly, and ethically use com-*
10 *munication technologies and digital information tech-*
11 *nology tools and platforms; create and share media*
12 *content using principles of social and civic responsi-*
13 *bility and with awareness of the legal and ethical*
14 *issues involved; and participate in the political, eco-*
15 *nomic, social, and cultural aspects of life related to*
16 *technology, communications, and the digital world by*
17 *consuming and creating digital content, including*
18 *media.*

19 (3) *The term “media literacy” means the ability*
20 *to access relevant and accurate information through*
21 *media in a variety of forms; critically analyze media*
22 *content and the influences of different forms of media;*
23 *evaluate the comprehensiveness, relevance, credibility,*
24 *authority, and accuracy of information; make edu-*
25 *cated decisions based on information obtained from*

1 *media and digital sources; operate various forms of*
2 *technology and digital tools; and reflect on how the*
3 *use of media and technology may affect private and*
4 *public life.*

5 **SEC. 565. PILOT GRANT PROGRAM TO SUPPLEMENT THE**
6 **TRANSITION ASSISTANCE PROGRAM OF THE**
7 **DEPARTMENT OF DEFENSE.**

8 *(a) ESTABLISHMENT.—The Secretary of Defense, in*
9 *consultation with the Secretary of Veterans Affairs, shall*
10 *carry out a pilot grant program under which the Secretary*
11 *of Defense provides enhanced support and funding to eligi-*
12 *ble entities to supplement TAP to provide job opportunities*
13 *for industry recognized certifications, job placement assist-*
14 *ance, and related employment services directly to covered*
15 *individuals.*

16 *(b) SERVICES.—Under the pilot grant program, the*
17 *Secretary of Defense shall provide grants to eligible entities*
18 *to provide to covered individuals the following services:*

19 *(1) Using an industry-validated screening tool,*
20 *assessments of prior education, work history, and em-*
21 *ployment aspirations of covered individuals, to tailor*
22 *appropriate and employment services.*

23 *(2) Preparation for civilian employment through*
24 *services like mock interviews and salary negotiations,*

1 *training on professional networking platforms, and*
2 *company research.*

3 (3) *Several industry-specific learning path-*
4 *ways—*

5 (A) *with entry-level, mid-level and senior*
6 *versions;*

7 (B) *in fields such as project management,*
8 *cybersecurity, and information technology;*

9 (C) *in which each covered individual works*
10 *with an academic advisor to choose a career*
11 *pathway and navigate coursework during the*
12 *training process; and*

13 (D) *in which each covered individual can*
14 *earn industry-recognized credentials and certifi-*
15 *cations, at no charge to the covered individual.*

16 (4) *Job placement services.*

17 (c) *PROGRAM ORGANIZATION AND IMPLEMENTATION*

18 *MODEL.—The pilot grant program shall follow existing eco-*
19 *nomie opportunity program models that combine industry-*
20 *recognized certification training, furnished by professionals,*
21 *with online learning staff.*

22 (d) *CONSULTATION.—In carrying out the program, the*
23 *Secretary of Defense shall seek to consult with private enti-*
24 *ties to assess the best economic opportunity program models,*

1 *including existing economic opportunity models furnished*
2 *through public-private partnerships.*

3 (e) *ELIGIBILITY.—To be eligible to receive a grant*
4 *under the pilot grant program, an entity shall—*

5 (1) *follow a job training and placement model;*

6 (2) *have rigorous program evaluation practices;*

7 (3) *have established partnerships with entities*
8 *(such as employers, governmental agencies, and non-*
9 *profit entities) to provide services described in sub-*
10 *section (b);*

11 (4) *have online training capability to reach*
12 *rural veterans, reduce costs, and comply with new*
13 *conditions forced by COVID-19; and*

14 (5) *have a well-developed practice of program*
15 *measurement and evaluation that evinces program*
16 *performance and efficiency, with data that is high*
17 *quality and shareable with partner entities.*

18 (f) *COORDINATION WITH FEDERAL ENTITIES.—A*
19 *grantee shall coordinate with Federal entities, including—*

20 (1) *the Office of Transition and Economic Devel-*
21 *opment of the Department of Veterans Affairs; and*

22 (2) *the Office of Veteran Employment and Tran-*
23 *sition Services of the Department of Labor.*

1 (g) *METRICS AND EVALUATION.*—*Performance out-*
2 *comes shall be verifiable using a third-party auditing meth-*
3 *od and include the following:*

4 (1) *The number of covered individuals who re-*
5 *ceive and complete skills training.*

6 (2) *The number of covered individuals who se-*
7 *cure employment.*

8 (3) *The retention rate for covered individuals de-*
9 *scribed in paragraph (2).*

10 (4) *Median salary of covered individuals de-*
11 *scribed in paragraph (2).*

12 (h) *SITE LOCATIONS.*—*The Secretary of Defense shall*
13 *select five military installations in the United States where*
14 *existing models are successful.*

15 (i) *ASSESSMENT OF POSSIBLE EXPANSION.*—*A grant-*
16 *ee shall assess the feasibility of expanding the current offer-*
17 *ing of virtual training and career placement services to*
18 *members of the reserve components of the Armed Forces and*
19 *covered individuals outside the United States.*

20 (j) *DURATION.*—*The pilot grant program shall termi-*
21 *nate on September 30, 2025.*

22 (k) *REPORT.*—*Not later than 180 days after the termi-*
23 *nation of the pilot grant program, the Secretary of Defense*
24 *shall submit to the congressional defense committees a re-*
25 *port that includes—*

1 (1) a description of the pilot grant program, in-
2 cluding a description of specific activities carried out
3 under this section; and

4 (2) the metrics and evaluations used to assess the
5 effectiveness of the pilot grant program.

6 (l) *DEFINITIONS.*—*In this section:*

7 (1) The term “covered individual” means—

8 (A) a member of the Armed Forces partici-
9 pating in TAP; or

10 (B) a spouse of a member described in sub-
11 paragraph (A).

12 (2) The term “military installation” has the
13 meaning given such term in section 2801 of title 10,
14 United States Code.

15 (3) The term “TAP” means the transition assist-
16 ance program of the Department of Defense under sec-
17 tions 1142 and 1144 of title 10, United States Code.

18 **SEC. 566. FEMALE MEMBERS OF CERTAIN ARMED FORCES**
19 **AND CIVILIAN EMPLOYEES OF THE DEPART-**
20 **MENT OF DEFENSE IN STEM.**

21 (a) *STUDY ON MEMBERS AND CIVILIANS.*—*Not later*
22 *than September 30, 2023, the Secretary of Defense shall sub-*
23 *mit to the Committees on Armed Services of the Senate and*
24 *House of Representatives a report containing the results of*
25 *a study on how to increase participation of covered individ-*

1 *uals in positions in the covered Armed Forces or Depart-*
2 *ment of Defense and related to STEM.*

3 (b) *STUDY ON SKILLBRIDGE.*—*Not later than Sep-*
4 *tember 30, 2023, the Secretary shall submit to such Com-*
5 *mittees a report containing the results of a study on how*
6 *to change Skillbridge to help covered individuals, eligible*
7 *for Skillbridge, find civilian employment in positions re-*
8 *lated to STEM.*

9 (c) *DEFINITIONS.*—*In this section:*

10 (1) *The term “covered Armed Force” means an*
11 *Armed Force under the jurisdiction of the Secretary*
12 *of a military department.*

13 (2) *The term “covered individual” means a fe-*
14 *male—*

15 (A) *member of a covered Armed Force; or*

16 (B) *civilian employee of the Department of*
17 *Defense.*

18 (3) *The term “Skillbridge” means an employ-*
19 *ment skills training program under section 1143(e) of*
20 *title 10, United States Code, as amended by section*
21 *563 of this Act.*

22 (4) *The term “STEM” means science, technology,*
23 *engineering, and mathematics.*

1 **SEC. 567. SKILLBRIDGE: APPRENTICESHIP PROGRAMS.**

2 (a) *STUDY.*—Not later than September 30, 2023, the
3 Secretary of Defense, in consultation with the Secretary of
4 the Department in which the Coast Guard is operating,
5 shall conduct a study to identify the private entities partici-
6 pating in Skillbridge that offer positions in registered ap-
7 prenticeship programs to covered members.

8 (b) *RECRUITMENT.*—The Secretary shall consult with
9 officials and employees of the Department of Labor who
10 have experience with registered apprenticeship programs to
11 facilitate the Secretary entering into agreements with enti-
12 ties that offer positions described in subsection (a) in areas
13 where the Secretary determines few such positions are avail-
14 able to covered members.

15 (c) *DEFINITIONS.*—In this section:

16 (1) The term “covered member” means a member
17 of the Armed Forces eligible for Skillbridge.

18 (2) The term “registered apprenticeship pro-
19 gram” means an apprenticeship program registered
20 under the Act of August 16, 1937 (commonly known
21 as the “National Apprenticeship Act”; 50 Stat. 664,
22 chapter 663; 29 U.S.C. 50 et seq.).

23 (3) The term “Skillbridge” means an employ-
24 ment skills training program under section 1143(e) of
25 title 10, United States Code, as amended by section
26 563 of this Act.

1 ***Subtitle H—Military Family Readiness and Dependents’ Education***
2

3 ***SEC. 571. CLARIFICATION AND EXPANSION OF AUTHORIZATION OF SUPPORT FOR CHAPLAIN-LED PROGRAMS FOR MEMBERS OF THE ARMED FORCES.***
4
5
6

7 *Section 1789 of title 10, United States Code, is amended—*
8 *ed—*

9 *(1) in subsection (a)—*

10 *(A) by striking “chaplain-led programs”*
11 *and inserting “a chaplain-led program”;*

12 *(B) by striking “members of the armed*
13 *forces” and all that follows through “status and*
14 *their immediate family members,” and inserting*
15 *“a covered individual”; and*

16 *(C) by inserting “, or to support the resiliency, suicide prevention, or holistic wellness of*
17 *such covered individual” after “structure”;*

18 *(2) in subsection (b)—*

19 *(A) by striking “members of the armed*
20 *forces and their family members” and inserting*
21 *“a covered individual”;*
22

23 *(B) by striking “programs” and inserting*
24 *“a program”; and*

1 (C) by striking “retreats and conferences”
2 and inserting “a retreat or conference”; and
3 (3) by striking subsection (c) and inserting the
4 following:

5 “(c) *COVERED INDIVIDUAL DEFINED.*—In this section,
6 the term ‘covered individual’ means—

7 “(1) a member of the armed forces on active
8 duty;

9 “(2) a member of the reserve components in an
10 active status; or

11 “(3) a dependent of an individual described in
12 subparagraph (A) or (B).”.

13 **SEC. 572. RIGHTS OF PARENTS OF CHILDREN ATTENDING**
14 **SCHOOLS OPERATED BY THE DEPARTMENT**
15 **OF DEFENSE EDUCATION ACTIVITY.**

16 (a) *IN GENERAL.*—Chapter 108 of title 10, United
17 States Code, is amended by inserting after section 2164 the
18 following new section:

19 **“§2164a. Rights of parents of children attending**
20 **schools operated by the Department of De-**
21 **fense Education Activity**

22 “(a) *IN GENERAL.*—The parent of a child who attends
23 a school operated by the Department of Defense Education
24 Activity has the following rights:

1 “(1) *The right to review the curriculum of the*
2 *school.*

3 “(2) *The right to be informed if the school or De-*
4 *partment of Defense Education Activity alters the*
5 *school’s academic standards or learning benchmarks.*

6 “(3) *The right to meet with each teacher of their*
7 *child not less than twice during each school year.*

8 “(4) *The right to review the budget, including all*
9 *revenues and expenditures, of the school.*

10 “(5) *The right to review all instructional mate-*
11 *rials and teacher professional development materials*
12 *used by the school.*

13 “(6) *The right to inspect a list of the books and*
14 *other reading materials contained in the library of*
15 *the school.*

16 “(7) *The right to address the school advisory*
17 *committee or the school board.*

18 “(8) *The right to information about the school’s*
19 *discipline policy and any violent activity in the*
20 *school.*

21 “(9) *The right to information about any plans*
22 *to eliminate gifted and talented programs or acceler-*
23 *ated coursework at the school.*

24 “(b) *DISCLOSURES AND NOTIFICATIONS.—Consistent*
25 *with the parental rights specified in subsection (a), a school*

1 *operated by the Department of Defense Education Activity*
2 *shall—*

3 “(1) *post on a publicly accessible website of the*
4 *school—*

5 “(A) *the curriculum for each course and*
6 *grade level;*

7 “(B) *the academic standards or other learn-*
8 *ing benchmarks used by the school;*

9 “(C) *notice of any proposed revisions to*
10 *such standards or benchmarks and a copy of any*
11 *such revisions;*

12 “(D) *the budget for the school year, includ-*
13 *ing all revenues and expenditures (including ex-*
14 *penditures made for items and services provided*
15 *by private entities); and*

16 “(2) *provide the parents of a child attending the*
17 *school with—*

18 “(A) *the opportunity to meet in-person with*
19 *each teacher of their child not less frequently*
20 *than twice during each school year at a time*
21 *mutually agreed upon by both parties; and*

22 “(B) *notice of such opportunity at the be-*
23 *ginning of each school year;*

24 “(3) *make all instructional and educator profes-*
25 *sional development materials, including teachers’*

1 *manuals, films, tapes, books or other reading mate-*
2 *rials, or other supplementary materials used in any*
3 *survey, analysis, or evaluation, available for inspec-*
4 *tion by the parents of children attending the school;*

5 *“(4) at the beginning of each school year, provide*
6 *parents a list of reading materials in the school li-*
7 *brary, including a list of any reading materials that*
8 *were added to or removed from the list of materials*
9 *from the prior year;*

10 *“(5) notify parents in a timely manner of any*
11 *plans to eliminate gifted and talented programs or*
12 *accelerated coursework at the school;*

13 *“(6) except as provided in paragraph (7), notify*
14 *parents of any medical examinations or screenings*
15 *the school may administer to their child and receive*
16 *written consent from parents for any such examina-*
17 *tion or screening prior to conducting the examination*
18 *or screening;*

19 *“(7) in the event of an emergency that requires*
20 *a medical examination or screening without time for*
21 *parental notification, promptly notify parents of such*
22 *examination or screening and, not later than 24*
23 *hours after the incident occurs, provide an expla-*
24 *nation of the emergency that prevented notification*
25 *prior to such examination or screening;*

1 “(8) notify parents of any medical information
2 that will be collected on their child, receive written
3 parental consent prior to collecting such information,
4 and provide parents an opportunity to inspect such
5 information at the parent’s request; and

6 “(9) notify parents of any policy changes involv-
7 ing their reporting obligations under the Family Ad-
8 vocacy Program of the Department of Defense.

9 “(c) SCHOOL ADVISORY COMMITTEES AND BOARDS.—
10 Not less frequently than twice per year, a school advisory
11 committee or school board for a school operated by the De-
12 partment of Defense Education Activity shall provide par-
13 ents of children attending the school with the opportunity
14 to address the advisory committee or school board on any
15 matters relating to the school or the educational services
16 provided to their children.

17 “(d) DEFINITION.—In this section, the term ‘school op-
18 erated by the Department of Defense Education Activity’
19 means—

20 “(1) a Department of Defense domestic depend-
21 ent elementary or secondary school, as described in
22 section 2164 of this title; or

23 “(2) any elementary or secondary school or pro-
24 gram for dependents operated by the Department of
25 Defense Education Activity.”.

1 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
2 *the beginning of such chapter is amended by inserting after*
3 *the item relating to section 2164 the following new item:*

 “2164a. *Rights of parents of children attending schools operated by the Department of Defense Education Activity.*”.

4 **SEC. 573. EXPANSION OF PILOT PROGRAM TO PROVIDE FI-**
5 **NANCIAL ASSISTANCE TO MEMBERS OF THE**
6 **ARMED FORCES FOR IN-HOME CHILD CARE.**

7 Section 589(b) of the William M. (Mac) Thornberry
8 *National Defense Authorization Act for Fiscal Year 2021*
9 *(Public Law 116–283; 10 U.S.C. 1791 note) is amended by*
10 *striking “five locations” and inserting “six locations”.*

11 **SEC. 574. EXTENSION OF PILOT PROGRAM TO EXPAND ELI-**
12 **GIBILITY FOR ENROLLMENT AT DOMESTIC**
13 **DEPENDENT ELEMENTARY AND SECONDARY**
14 **SCHOOLS.**

15 Section 589C(e) of the William M. (Mac) Thornberry
16 *National Defense Authorization Act for Fiscal Year 2021*
17 *(Public Law 116–283; 10 U.S.C. 2164 note) is amended by*
18 *striking “four years” and inserting “eight years”.*

19 **SEC. 575. ADVISORY PANEL ON COMMUNITY SUPPORT FOR**
20 **MILITARY FAMILIES WITH SPECIAL NEEDS.**

21 Section 563(d) of the *National Defense Authorization*
22 *Act for Fiscal Year 2010 (Public Law 111–84; 10 U.S.C.*
23 *1781c note) is amended—*

1 (1) *by amending paragraph (2) to read as fol-*
2 *lows:*

3 “(2) *MEMBERS.—The advisory panel shall con-*
4 *sist of the following members, appointed by the Sec-*
5 *retary of Defense:*

6 “(A) *Nine individuals from military fami-*
7 *lies with special needs, with respect to whom the*
8 *Secretary shall ensure that—*

9 “(i) *one individual is the spouse of an*
10 *enlisted member;*

11 “(ii) *one individual is the spouse of an*
12 *officer in a grade below O-6;*

13 “(iii) *one individual is a junior en-*
14 *listed member;*

15 “(iv) *one individual is a junior officer;*

16 “(v) *individuals reside in different geo-*
17 *graphic regions;*

18 “(vi) *one individual is a member serv-*
19 *ing at a remote installation or is a member*
20 *of the family of such a member; and*

21 “(vii) *at least two individuals are*
22 *members serving on active duty, each with*
23 *a dependent who—*

24 “(I) *is enrolled in the Exceptional*
25 *Family Member Program; and*

1 “(II) has an individualized edu-
2 cation program.

3 “(B) One representative of the Defense
4 Health Agency.

5 “(C) One representative of the Department
6 of Defense Education Activity.

7 “(D) One representative of the Office of
8 Special Needs of the Department of Defense.

9 “(E) One or more representatives of advo-
10 cacy groups with missions relating to the Excep-
11 tional Family Member Program of the Depart-
12 ment of Defense.

13 “(F) One or more adult dependents enrolled
14 in the Exceptional Family Member Program of
15 the Department of Defense.”; and

16 (2) by adding at the end the following new para-
17 graph:

18 “(5) *TRANSPARENCY AND ACCESSIBILITY.*—The
19 advisory panel shall—

20 “(A) provide advice that is relevant, objec-
21 tive, and transparent;

22 “(B) ensure that any meetings or other pro-
23 ceedings of the advisory panel are accessible to
24 the public; and

1 “(C) make available on a publicly accessible
2 website—

3 “(i) meeting announcements;

4 “(ii) minutes of meetings;

5 “(iii) the names of council representa-
6 tives; and

7 “(iv) regular updates on the progress of
8 the panel in fulfilling the duties specified in
9 paragraph (3).”.

10 **SEC. 576. CERTAIN ASSISTANCE TO LOCAL EDUCATIONAL**
11 **AGENCIES THAT BENEFIT DEPENDENTS OF**
12 **MILITARY AND CIVILIAN PERSONNEL.**

13 (a) *CONTINUATION OF AUTHORITY TO ASSIST LOCAL*
14 *EDUCATIONAL AGENCIES THAT BENEFIT DEPENDENTS OF*
15 *MEMBERS OF THE ARMED FORCES AND DEPARTMENT OF*
16 *DEFENSE CIVILIAN EMPLOYEES.—Of the amount author-*
17 *ized to be appropriated for fiscal year 2023 by section 301*
18 *and available for operation and maintenance for Defense-*
19 *wide activities as specified in the funding table in section*
20 *4301, \$53,000,000 shall be available only for the purpose*
21 *of providing assistance to local educational agencies under*
22 *subsection (a) of section 572 of the National Defense Author-*
23 *ization Act for Fiscal Year 2006 (Public Law 109–163; 20*
24 *U.S.C. 7703b).*

1 (b) *IMPACT AID FOR CHILDREN WITH SEVERE DIS-*
2 *ABILITIES.*—*Of the amount authorized to be appropriated*
3 *for fiscal year 2023 pursuant to section 301 and available*
4 *for operation and maintenance for Defense-wide activities*
5 *as specified in the funding table in section 4301,*
6 *\$22,000,000 shall be available for payments under section*
7 *363 of the Floyd D. Spence National Defense Authorization*
8 *Act for Fiscal Year 2001 (as enacted into law by Public*
9 *Law 106–398; 114 Stat. 1654A–77; 20 U.S.C. 7703a).*

10 (c) *LOCAL EDUCATIONAL AGENCY DEFINED.*—*In this*
11 *section, the term “local educational agency” has the mean-*
12 *ing given that term in section 7013(9) of the Elementary*
13 *and Secondary Education Act of 1965 (20 U.S.C. 7713(9)).*

14 **SEC. 577. VERIFICATION OF REPORTING OF ELIGIBLE FED-**
15 **ERALLY CONNECTED CHILDREN FOR PUR-**
16 **POSES OF FEDERAL IMPACT AID PROGRAMS.**

17 (a) *CERTIFICATION.*—*On an annual basis, each com-*
18 *mander of a military installation under the jurisdiction of*
19 *the Secretary of a military department shall submit to such*
20 *Secretary a written certification verifying whether the com-*
21 *mander has confirmed the information contained in all im-*
22 *pact aid source check forms received from local educational*
23 *agencies as of the date of such certification.*

24 (b) *REPORT.*—*Not later June 30 of each year, each*
25 *Secretary of a military department shall submit to the con-*

1 gressional defense committees a report, based on the infor-
2 mation received under subsection (a), that identifies—

3 (1) each military installation under the jurisdic-
4 tion of such Secretary that has confirmed the infor-
5 mation contained in all impact aid source check
6 forms received from local educational agencies as of
7 the date of the report; and

8 (2) each military installation that has not con-
9 firmed the information contained in such forms as of
10 such date.

11 **SEC. 578. EFMP GRANT PROGRAM.**

12 (a) *ESTABLISHMENT.*—The Secretary of Defense shall
13 establish a program to award grants to, and enter into
14 agreements with, eligible entities under which participating
15 eligible entities shall provide, to covered members assigned
16 to PRIs, services described in subsection (b).

17 (b) *SERVICES.*—Services described in this subsection
18 are the provision of—

19 (1) training and information that help a covered
20 dependent—

21 (A) meet developmental, functional, and
22 academic goals; and

23 (B) prepare to lead a productive and inde-
24 pendent adult life;

1 (2) *training and information that help a covered*
2 *member—*

3 (A) *better understand the disabilities and*
4 *educational, developmental, and transitional*
5 *needs of the covered dependent of such covered*
6 *member;*

7 (B) *participate in the development of an in-*
8 *dividualized education program for the covered*
9 *dependent;*

10 (C) *communicate effectively and work col-*
11 *laboratively with individuals responsible for pro-*
12 *viding, to covered dependents, special education,*
13 *early intervention services, transition services,*
14 *and related services; and*

15 (D) *resolve a dispute, regarding education*
16 *or services described in subparagraph (C), as ex-*
17 *peditiously and effectively as possible, including*
18 *encouraging the use, and explaining the benefits,*
19 *of alternative methods of dispute resolution; and*

20 (3) *if an eligible entity is not a PTI—*

21 (A) *information regarding services offered*
22 *by the local PTI (about which the eligible entity*
23 *shall consult with the local PTI not less than*
24 *once each quarter year); and*

1 (B) referrals of covered members to the local
2 PTI.

3 (c) CO-LOCATION.—To the extent practical, the Sec-
4 retary shall ensure that an eligible entity that participates
5 in the program under this section shall provide services de-
6 scribed in subsection (b) at a location on the military in-
7 stallation concerned where the Secretary furnishes other
8 services under the EFMP.

9 (d) IMPLEMENTATION.—The Secretary shall imple-
10 ment the program under this section at—

11 (1) six PRIs (one PRI for each covered Armed
12 Force and one joint PRI) not later than two years
13 after the date of the enactment of this Act; and

14 (2) all PRIs not later than four years after the
15 date of the enactment of this Act.

16 (e) PLAN.— Not later than one year after the date of
17 the enactment of this Act, the Secretary shall submit to the
18 appropriate congressional committees the plan of the Sec-
19 retary to implement the program under this section.

20 (f) REPORT.—Not later than two years after the Sec-
21 retary implements the program under this section, the Sec-
22 retary shall submit to the appropriate congressional com-
23 mittees a report on implementation of the program. Such
24 report shall include evaluations of the following:

1 (1) *Satisfaction of covered members and covered*
2 *dependents who receive services under such program.*

3 (2) *Adherence of schools, with respect to covered*
4 *dependents described in paragraph (1), to—*

5 (A) *individualized education programs; and*

6 (B) *plans under section 504 of the Rehabili-*
7 *tation Act of 1973 (Public Law 93–112; 29*
8 *U.S.C. 794).*

9 (g) *DEFINITIONS.—In this section:*

10 (1) *The term “appropriate congressional com-*
11 *mittees” means the following:*

12 (A) *The congressional defense committees.*

13 (B) *The Committee on Transportation and*
14 *Infrastructure of the House of Representatives.*

15 (C) *The Committee on Commerce, Science,*
16 *and Transportation of the Senate.*

17 (2) *The term “congressional defense committees”*
18 *has the meaning given such term in section 101 of*
19 *title 10, United States Code.*

20 (3) *The term “covered Armed Force” means an*
21 *Armed Force under the jurisdiction of the Secretary*
22 *of a military department.*

23 (4) *The term “covered dependent” means a de-*
24 *pendent—*

25 (A) *of a member of a covered Armed Force;*

1 (B) who is a minor; and

2 (C) who is enrolled in the EFMP.

3 (5) The term “covered member” means a mem-
4 ber—

5 (A) of a covered Armed Force; and

6 (B) with a covered dependent.

7 (6) The term “EFMP” means an Exceptional
8 Family Member Program of the Department of De-
9 fense under section 1781c(e) of title 10, United States
10 Code.

11 (7) The term “eligible entity” means a private,
12 nonprofit entity, or an institution of higher edu-
13 cation, that the Secretary of Defense determines ap-
14 propriate to provide services described in subsection
15 (b).

16 (8) The term “individualized education pro-
17 gram” has the meaning given such term in section
18 614 of the Individuals with Disabilities Education
19 Act (20 U.S.C. 1414).

20 (9) The term “institution of higher education”
21 has the meaning given such term in section 101 of the
22 Higher Education Act of 1965 (20 U.S.C. 1001).

23 (10) The term “PRI” means a primary receiving
24 installation, as that term is used in section 582 of the
25 William M. (Mac) Thornberry National Defense Au-

1 *thorization Act for Fiscal Year 2021 (Public Law*
2 *116–283; 10 U.S.C. 1781c note).*

3 (11) *The term “PTI” means a parent training*
4 *and information center, as that term is defined in*
5 *section 602 of the Individuals with Disabilities Edu-*
6 *cation Act (Public Law 91–230; 20 U.S.C. 1401).*

7 **SEC. 579. PROMOTION OF CERTAIN CHILD CARE ASSIST-**
8 **ANCE.**

9 (a) *IN GENERAL.—Each Secretary concerned shall*
10 *promote, to members of the Armed Forces under the juris-*
11 *isdiction of such Secretary concerned, awareness of child care*
12 *assistance available under—*

13 (1) *section 1798 of title 10, United States Code;*
14 *and*

15 (2) *section 589 of the William M. (Mac) Thorn-*
16 *berry National Defense Authorization Act for Fiscal*
17 *Year 2021 (Public Law 116–283; 10 U.S.C. 1791*
18 *note).*

19 (b) *REPORTING.—Not later than one year after the*
20 *date of the enactment of this Act, each Secretary concerned*
21 *shall submit to the appropriate congressional committees a*
22 *report summarizing activities taken by such Secretary con-*
23 *cerned to carry out subsection (a).*

24 (c) *DEFINITIONS.—In this section:*

1 (1) *The term “appropriate congressional com-*
2 *mittees” means the following:*

3 (A) *The Committees on Armed Services of*
4 *the Senate and House of Representatives.*

5 (B) *The Committees on Appropriations of*
6 *the Senate and House of Representatives.*

7 (C) *The Committee on Commerce, Science,*
8 *and Transportation of the Senate.*

9 (D) *The Committee on Transportation and*
10 *Infrastructure of the House of Representatives.*

11 (2) *The term “Secretary concerned” has the*
12 *meaning given such term in section 101 of title 10,*
13 *United States Code.*

14 **SEC. 579A. RECOMMENDATIONS FOR THE IMPROVEMENT**
15 **OF THE MILITARY INTERSTATE CHILDREN’S**
16 **COMPACT.**

17 (a) *RECOMMENDATIONS REQUIRED.—The Secretaries*
18 *concerned, in consultation with States through the Defense-*
19 *State Liaison Office, shall develop recommendations to im-*
20 *prove and fully implement the Military Interstate Chil-*
21 *dren’s Compact.*

22 (b) *CONSIDERATIONS.—In carrying out subsection (a),*
23 *the Secretaries concerned shall—*

24 (1) *identify any barriers—*

1 (A) to the ability of a parent of a transfer-
2 ring military-connected child to enroll the child,
3 in advance, in an elementary or secondary
4 school in the State in which the child is transfer-
5 ring, without requiring the parent or child to be
6 physically present in the State; and

7 (B) to the ability of a transferring military-
8 connected child who receives special education
9 services to gain access to such services and re-
10 lated supports in the State to which the child
11 transfers within the timeframes required under
12 the Individuals with Disabilities Education Act
13 (20 U.S.C. 1400 et seq.);

14 (2) consider the feasibility and advisability of—

15 (A) tracking and reporting the number of
16 families who use advanced enrollment in States
17 that offer advanced enrollment to military-con-
18 nected children;

19 (B) States clarifying in legislation that eli-
20 gibility for advanced enrollment requires only
21 written evidence of a permanent change of sta-
22 tion order, and does not require a parent of a
23 military-connected child to produce a rental
24 agreement or mortgage statement; and

1 (C) the Secretary of Defense, in coordina-
2 tion with the Military Interstate Children's
3 Compact, developing a letter or other memo-
4 randum that military families may present to
5 local educational agencies that outlines the pro-
6 tections afforded to military-connected children
7 by the Military Interstate Children's Compact;
8 and

9 (3) identify any other actions that may be taken
10 by the States (acting together or separately) to im-
11 prove the Military Interstate Children's Compact.

12 (c) *REPORT REQUIRED.*—Not later than 180 days
13 after the date of the enactment of this Act, the Secretaries
14 concerned shall submit to the appropriate congressional
15 committees and to the States a report setting forth the rec-
16 ommendations developed under subsection (a).

17 (d) *DEFINITIONS.*—In this section:

18 (1) The term “appropriate congressional com-
19 mittees” means—

20 (A) the congressional defense committees;

21 (B) the Committee on Health, Education,
22 Labor, and Pensions and the Committee on
23 Homeland Security and Governmental Affairs of
24 the Senate; and

1 (C) the Committee on Education and Labor
2 and the Committee on Homeland Security of the
3 House of Representatives.

4 (2) The terms “child”, “elementary school”,
5 “local educational agency”, “secondary school”, “par-
6 ent”, and “State” have the meanings given those
7 terms in section 8101 of the Elementary and Sec-
8 ondary Education Act of 1965 (20 U.S.C. 7801).

9 (3) The terms “armed forces”, “active duty” and
10 “congressional defense committees” have the meanings
11 given those terms in section 101 of title 10, United
12 States Code.

13 (4) The term “transferring military-connected
14 child” means the child of a parent who—

15 (A) is serving on active duty in the Armed
16 Forces;

17 (B) is changing duty locations due to a per-
18 manent change of station order; and

19 (C) has not yet established an ongoing phys-
20 ical presence in the State to which the parent is
21 transferring.

22 (5) The term “Military Interstate Children’s
23 Compact” means the Interstate Compact on Edu-
24 cational Opportunity for Military Children as de-
25 scribed in Department of Defense Instruction 1342.29,

1 *dated January 31, 2017 (or any successor to such in-*
2 *struction).*

3 (6) *The term “Secretary concerned” means—*

4 (A) *the Secretary of Defense, with respect to*
5 *matters concerning the Department of Defense;*
6 *and*

7 (B) *the Secretary of the department in*
8 *which the Coast Guard is operating, with respect*
9 *to matters concerning the Coast Guard when it*
10 *is not operating as a service in the Department*
11 *of the Navy.*

12 **SEC. 579B. INDUSTRY ROUNDTABLE ON MILITARY SPOUSE**
13 **HIRING.**

14 (a) *IN GENERAL.—Not later than 180 days after the*
15 *date of the enactment of this Act, the Under Secretary of*
16 *Defense for Personnel and Readiness shall seek to convene*
17 *an industry roundtable to discuss the hiring of military*
18 *spouses. Such discussion shall include the following ele-*
19 *ments:*

20 (1) *The value of, and opportunities to, private*
21 *entities that hire military spouses.*

22 (2) *Career opportunities for military spouses.*

23 (3) *Understanding the challenges that military*
24 *spouses encounter in the labor market.*

1 (4) *Gaps and opportunities in the labor market*
2 *for military spouses.*

3 (5) *Best hiring practices from industry leaders*
4 *in human resources.*

5 (b) *PARTICIPANTS.*—*The participants in the round-*
6 *table shall include the following:*

7 (1) *The Under Secretary.*

8 (2) *The Assistant Secretary for Manpower and*
9 *Reserve Affairs of each military department.*

10 (3) *The Director of the Defense Human Re-*
11 *sources Activity.*

12 (4) *Other officials of the Department of Defense*
13 *the Secretary of Defense determines appropriate.*

14 (5) *Private entities that elect to participate.*

15 (c) *NOTICE.*—*The Under Secretary shall publish notice*
16 *of the roundtable in multiple private sector forums and the*
17 *Federal Register to encourage participation in the round-*
18 *table by private entities and entities interested in the hiring*
19 *of military spouses.*

20 (d) *BRIEFING.*—*Not later than one year after the date*
21 *of the enactment of this Act, the Secretary of Defense shall*
22 *provide a briefing to the Committees on Armed Services of*
23 *the Senate and House of Representatives on the lessons*
24 *learned from the roundtable, including the recommendation*

1 of the Secretary whether to convene the roundtable annu-
2 ally.

3 **SEC. 579C. FEASIBILITY STUDY AND REPORT ON PILOT**
4 **PROGRAM TO PROVIDE POTFF SERVICES TO**
5 **SEPARATING MEMBERS OF SPECIAL OPER-**
6 **ATIONS FORCES AND CERTAIN FAMILY MEM-**
7 **BERS.**

8 (a) *REPORT REQUIRED.*—Not later than March 1,
9 2023, the Secretary shall submit to the Committees on
10 Armed Services of the Senate and House of Representatives
11 a report on the feasibility of a pilot program to provide,
12 to covered individuals, services under POTFF. The report
13 shall include the following elements:

14 (1) *An outline of the tools, resources, and per-*
15 *sonnel the Secretary determines necessary to carry out*
16 *the pilot program.*

17 (2) *An assessment of the potential benefits, im-*
18 *plications, and effects of the pilot program.*

19 (3) *The POTFF services that the Secretary could*
20 *provide to covered individuals under the pilot pro-*
21 *gram.*

22 (4) *An assessment of how best to carry out the*
23 *separation of covered members, including any addi-*
24 *tional resources the Secretary determines necessary.*

1 (5) *Any legislative or administrative action that*
2 *the Secretary determines necessary to carry the such*
3 *pilot program.*

4 (6) *Any other information the Secretary deter-*
5 *mines appropriate.*

6 (b) *DEFINITIONS.—In this section:*

7 (1) *The term “covered individual” means—*

8 (A) *a covered member;*

9 (B) *an immediate family of a covered mem-*
10 *ber; or*

11 (C) *an individual eligible for a gold star*
12 *lapel button under section 1126 of title 10,*
13 *United States Code, on the basis of the relation-*
14 *ship of such individual to a deceased member of*
15 *special operations forces.*

16 (2) *The term “covered member” means a member*
17 *of the Armed Forces—*

18 (A) *assigned to special operations forces;*

19 *and*

20 (B) *who is separating from the Armed*
21 *Forces.*

22 (3) *The term “immediate family member” has*
23 *the meaning given that term in section 1789 of title*
24 *10, United States Code.*

1 (4) *The term “POTFF” means the Preservation*
2 *of the Force and Family Program of United States*
3 *Special Operations Command under section 1788a of*
4 *title 10, United States Code.*

5 (5) *The term “special operations forces” means*
6 *the forces described in section 167(j) of title 10,*
7 *United States Code.*

8 ***Subtitle I—Decorations and Awards***

9 ***SEC. 581. AUTHORITY TO AWARD THE MEDAL OF HONOR TO*** 10 ***A MEMBER OF THE ARMED FORCES FOR ACTS*** 11 ***OF VALOR WHILE A PRISONER OF WAR.***

12 (a) *AUTHORITY.—*

13 (1) *ARMY.—Section 7271(1) of title 10, United*
14 *States Code, is amended by inserting “, including ac-*
15 *tive resistance, gallantry, or defiance while serving as*
16 *a prisoner of war” after “United States”.*

17 (2) *NAVY AND MARINE CORPS.—Section 8291(1)*
18 *of title 10, United States Code, is amended by insert-*
19 *ing “, including active resistance, gallantry, or defi-*
20 *ance while serving as a prisoner of war” after*
21 *“United States”.*

22 (3) *AIR FORCE AND SPACE FORCE.—Section*
23 *9271(1) of title 10, United States Code, is amended*
24 *by inserting “, including active resistance, gallantry,*

1 *or defiance while serving as a prisoner of war” after*
2 *“United States”.*

3 (4) *COAST GUARD.—Section 2732(1) of title 14,*
4 *United States Code, is amended by inserting “, in-*
5 *cluding active resistance, gallantry, or defiance while*
6 *serving as a prisoner of war” after “United States”.*

7 (b) *REGULATIONS.—Not later than one year after the*
8 *date of the enactment of this Act, the Secretary of Defense*
9 *and the Secretary of the Department in which the Coast*
10 *Guard is operating shall prescribe regulations that set forth*
11 *uniform standards for awarding the Medal of Honor to a*
12 *member of the Armed Forces pursuant to an amendment*
13 *made by subsection (a). Such regulations shall apply retro-*
14 *actively to a member who was a prisoner of war before the*
15 *date of the prescription of such regulations.*

16 (c) *REPORT.—Not later than one year after the date*
17 *of the enactment of this Act, the Secretary of Defense shall*
18 *submit to the Committees on Armed Services of the Senate*
19 *and House of Representatives a report regarding the num-*
20 *ber of individuals who may be eligible for a Medal of Honor*
21 *pursuant to the amendments made by this section.*

1 **SEC. 582. AUTHORIZATION FOR AWARD OF THE MEDAL OF**
2 **HONOR TO DAVID R. HALBRUNER FOR ACTS**
3 **OF VALOR ON SEPTEMBER 11-12, 2012.**

4 (a) *AUTHORIZATION.*—Notwithstanding the time limi-
5 tations specified in section 7274 of title 10, United States
6 Code, or any other time limitation with respect to the
7 awarding of certain medals to persons who served in the
8 Armed Forces, the President may award the Medal of
9 Honor under section 7272 of such title to David R.
10 Halbruner for the acts of valor described in the subsection
11 (b).

12 (b) *ACTS OF VALOR DESCRIBED.*—The acts of valor
13 described in this subsection are the actions of David R.
14 Halbruner as a master sergeant in the Army on September
15 11-12, 2012, for which he was previously awarded the Dis-
16 tinguished-Service Cross.

17 **SEC. 583. AUTHORIZATION FOR POSTHUMOUS AWARD OF**
18 **MEDAL OF HONOR TO MASTER SERGEANT**
19 **RODERICK W. EDMONDS FOR ACTS OF VALOR**
20 **DURING WORLD WAR II.**

21 (a) *WAIVER OF TIME LIMITATIONS.*—Notwithstanding
22 the time limitations specified in section 7274 of title 10,
23 United States Code, or any other time limitation with re-
24 spect to the awarding of certain medals to persons who
25 served in the Armed Forces, the President may award the
26 Medal of Honor posthumously under section 7271 of such

1 *title to Master Sergeant Roderick W. Edmonds for the acts*
2 *of valor described in subsection (c).*

3 **(b) ACTS OF VALOR DESCRIBED.**—*The acts of valor*
4 *referred to in subsection (b) are the actions of Master Ser-*
5 *geant Roderick W. Edmonds on January 27, 1945, as a*
6 *prisoner of war and member of the Army serving in Ger-*
7 *many in support of the Battle of the Bulge, for which he*
8 *has never been recognized by the United States Army.*

9 **Subtitle J—Miscellaneous Reports**
10 **and Other Matters**

11 **SEC. 591. ELECTRONIC NOTARIZATION FOR MEMBERS OF**
12 **THE ARMED FORCES.**

13 *Section 1044a of title 10, United States Code, is*
14 *amended by adding at the end the following new subsection:*

15 “(e)(1) *A person named in subsection (b) may exercise*
16 *the powers described in subsection (a) through electronic*
17 *means, including under circumstances where the individual*
18 *with respect to whom such person is performing the notarial*
19 *act is not physically present in the same location as such*
20 *person.*

21 “(2) *A determination of the authenticity of a notarial*
22 *act authorized in this section shall be made without regard*
23 *to whether the notarial act was performed through elec-*
24 *tronic means.*

1 “(3) *A log or journal of a notarial act authorized in*
2 *this section shall be considered for evidentiary purposes*
3 *without regard to whether the log or journal is in electronic*
4 *form.*”.

5 **SEC. 592. DISINTERMENTS FROM NATIONAL CEMETERIES.**

6 (a) *APPLICABILITY OF AUTHORITY TO RECONSIDER*
7 *DECISIONS OF SECRETARY OF VETERANS AFFAIRS OR SEC-*
8 *RETARY OF THE ARMY TO INTER THE REMAINS OR MEMO-*
9 *RIALIZE A PERSON IN A NATIONAL CEMETERY.—*

10 (1) *IN GENERAL.—Section 2(c) of the Alicia*
11 *Dawn Koehl Respect for National Cemeteries Act*
12 *(Public Law 113–65; 38 U.S.C. 2411 note) is amend-*
13 *ed by striking “after the date of the enactment of this*
14 *Act” and inserting “after November 21, 1997”.*

15 (2) *CONGRESSIONAL NOTICES.—Upon becoming*
16 *aware of a covered interment or memorialization—*

17 (A) *the Secretary of Veterans Affairs shall*
18 *issue to the Committees on Veterans’ Affairs of*
19 *the Senate and House of Representatives written*
20 *notice of such covered interment or memorializa-*
21 *tion; and*

22 (B) *the Secretary of the Army, in the case*
23 *of a covered interment or memorialization in Ar-*
24 *lington National Cemetery, shall issue to the*
25 *Committees on Armed Services of the Senate and*

1 *House of Representatives and the Committees on*
2 *Veterans' Affairs of the Senate and House of*
3 *Representatives written notice of such covered in-*
4 *terment or memorialization.*

5 (3) *COVERED INTERMENT OR MEMORIALIZATION*
6 *DEFINED.—In this subsection, the term “covered in-*
7 *terment or memorialization” means an interment or*
8 *memorialization—*

9 (A) *in a national cemetery;*

10 (B) *between January 1, 1990 and November*
11 *21, 1997; and*

12 (C) *that would have been subject to section*
13 *2411 of title 38, United States Code, as amended*
14 *by the Alicia Dawn Koehl Respect for National*
15 *Cemeteries Act if subsection 2(c) of such Act were*
16 *amended by striking “after the date of the enact-*
17 *ment of this Act” and inserting “on or after*
18 *January 1, 1990”.*

19 (b) *DISINTERMENT OF REMAINS OF ANDREW*
20 *CHABROL FROM ARLINGTON NATIONAL CEMETERY.—*

21 (1) *DISINTERMENT.—Not later than September*
22 *30, 2023, the Secretary of the Army shall disinter the*
23 *remains of Andrew Chabrol from Arlington National*
24 *Cemetery.*

1 (2) *NOTIFICATION.*—*The Secretary of the Army*
2 *may not carry out paragraph (1) until after noti-*
3 *fying the next of kin of Andrew Chabrol.*

4 (3) *DISPOSITION.*—*After carrying out paragraph*
5 *(1), the Secretary of the Army shall—*

6 (A) *relinquish the remains to the next of kin*
7 *described in paragraph (2); or*

8 (B) *if no such next of kin responds to noti-*
9 *fication under paragraph (2), arrange for dis-*
10 *position of the remains the Secretary of the*
11 *Army determines appropriate.*

12 **SEC. 593. CLARIFICATION OF AUTHORITY OF NCMAF TO UP-**
13 **DATE CHAPLAINS HILL AT ARLINGTON NA-**
14 **TIONAL CEMETERY.**

15 *Section 584(a) of the National Defense Authorization*
16 *Act for Fiscal Year 2022 (Public Law 117–81; 38 U.S.C.*
17 *2409 note) is amended by adding at the end the following*
18 *new paragraph:*

19 “(4) *AUTHORITY OF SECRETARY OF THE*
20 *ARMY.*—*The Secretary of the Army may permit*
21 *NCMAF to carry out any action authorized by this*
22 *subsection without regard to the time limitation*
23 *under section 2409(b)(2)(C) of title 38, United States*
24 *Code.”.*

1 **SEC. 594. NOTIFICATIONS ON MANNING OF AFLOAT NAVAL**
2 **FORCES.**

3 *Section 597(d)(3) of the National Defense Authoriza-*
4 *tion Act for Fiscal Year 2020 (Public Law 116–92; 10*
5 *U.S.C. 8013 note) is amended by inserting “or a commis-*
6 *sioned ship undergoing nuclear refueling or defueling and*
7 *any concurrent complex overhaul” after “Register”.*

8 **SEC. 595. PILOT PROGRAM ON CAR SHARING ON MILITARY**
9 **INSTALLATIONS IN ALASKA.**

10 *(a) ESTABLISHMENT.—Not later than 180 days after*
11 *the date of the enactment of this Act, the Secretary of De-*
12 *fense shall seek to carry out a pilot program to allow car*
13 *sharing on military installations in Alaska.*

14 *(b) PROGRAM ELEMENTS.—To carry out a pilot pro-*
15 *gram under this section, the Secretary shall take steps in-*
16 *cluding the following:*

17 *(1) Seek to enter into an agreement with an en-*
18 *tity that—*

19 *(A) provides car sharing services; and*

20 *(B) is capable of serving all military instal-*
21 *lations in Alaska.*

22 *(2) Provide to members assigned to military in-*
23 *stallations in Alaska the resources the Secretary deter-*
24 *mines necessary to participate in such pilot program.*

25 *(3) Promote such pilot program to such mem-*
26 *bers.*

1 (c) *IMPLEMENTATION PLAN.*—Not later than 90 days
2 after the date the Secretary enters into an agreement under
3 subsection (b)(1), the Secretary shall submit to the congress-
4 sional defense committees a plan to carry out the pilot pro-
5 gram.

6 (d) *DURATION.*—A pilot program under this section
7 shall terminate two years after the Secretary commences
8 such pilot program.

9 (e) *REPORT.*—Upon the termination of a pilot pro-
10 gram under this section, the Secretary of Defense shall sub-
11 mit to the congressional defense committees a report con-
12 taining the following information:

13 (1) *The number of individuals who used car*
14 *sharing services offered pursuant to the pilot pro-*
15 *gram.*

16 (2) *The cost to the United States of the pilot pro-*
17 *gram.*

18 (3) *An analysis of the effect of the pilot program*
19 *on mental health and community connectedness of*
20 *members described in subsection (b)(2).*

21 (4) *Other information the Secretary determines*
22 *appropriate.*

23 (f) *MILITARY INSTALLATION DEFINED.*—In this sec-
24 tion, the term “military installation” has the meaning

1 *given such term in section 2801 of title 10, United States*
2 *Code.*

3 **SEC. 596. SUPPORT FOR MEMBERS WHO PERFORM DUTIES**
4 **REGARDING REMOTELY PILOTED AIRCRAFT:**
5 **STUDY; REPORT.**

6 (a) *STUDY.*—*The Secretary of Defense (in consultation*
7 *with the Secretary of Transportation and Administrator of*
8 *the Federal Aviation Administration) shall conduct a study*
9 *to identify opportunities to provide more support services*
10 *to, and greater recognition of combat accomplishments of,*
11 *RPA crew. Such study shall identify the following with re-*
12 *spect to each covered Armed Force:*

13 (1) *Safety policies applicable to crew of tradi-*
14 *tional aircraft that apply to RPA crew.*

15 (2) *Personnel policies, including crew staffing*
16 *and training practices, applicable to crew of tradi-*
17 *tional aircraft that apply to RPA crew.*

18 (3) *Metrics the Secretaries of the military de-*
19 *partments use to evaluate the health of RPA crew.*

20 (4) *Incentive pay, retention bonuses, promotion*
21 *rates, and career advancement opportunities for RPA*
22 *crew.*

23 (5) *Combat zone compensation available to RPA*
24 *crew.*

1 (6) *Decorations and awards for combat available*
2 *to RPA crew.*

3 (7) *Mental health care available to crew of tradi-*
4 *tional aircraft and RPA crew who conduct combat*
5 *operations.*

6 (8) *Whether RPA crew receive post-separation*
7 *health (including mental health) care equivalent to*
8 *crew of traditional aircraft.*

9 (9) *An explanation of any difference under para-*
10 *graph (8).*

11 (b) *REPORT.*—*Not later than one year after the date*
12 *of the enactment of this Act, the Secretary of Defense shall*
13 *submit to the appropriate congressional committees a report*
14 *containing the results of the study conducted under this sec-*
15 *tion, including any policy recommendations of the Sec-*
16 *retary regarding such results.*

17 (c) *DEFINITIONS.*—*In this section:*

18 (1) *In this section, the term “appropriate con-*
19 *gressional committees” means the following:*

20 (A) *The Committees on Armed Services of*
21 *the Senate and House of Representatives.*

22 (B) *The Committees on Appropriations of*
23 *the Senate and House of Representatives.*

24 (C) *The Committee on Commerce, Science,*
25 *and Transportation of the Senate.*

1 (D) *The Committee on Transportation and*
2 *Infrastructure of the House of Representatives.*

3 (2) *The term “covered Armed Force” means an*
4 *Armed Force under the jurisdiction of the Secretary*
5 *of a military department.*

6 (3) *The term “RPA crew” means members of*
7 *covered Armed Forces who perform duties relating to*
8 *remotely piloted aircraft.*

9 (4) *The term “traditional aircraft” means fixed*
10 *or rotary wing aircraft operated by an onboard pilot.*

11 **SEC. 597. REVIEW OF MARKETING AND RECRUITING OF THE**
12 **DEPARTMENT OF DEFENSE.**

13 (a) *IN GENERAL.*—*Not later than September 30, 2023,*
14 *the Secretary of Defense, in consultation with the Com-*
15 *troller General of the United States and experts determined*
16 *by the Secretary, shall evaluate the marketing and recruit-*
17 *ing efforts of the Department of Defense to determine how*
18 *to use social media and other technology platforms to con-*
19 *vey to young people the opportunities and benefits of service*
20 *in the covered Armed Forces.*

21 (b) *COVERED ARMED FORCE DEFINED.*—*In this sec-*
22 *tion, the term “covered Armed Force” means the following:*

23 (1) *The Army.*

24 (2) *The Navy.*

25 (3) *The Marine Corps.*

1 (4) *The Air Force.*

2 (5) *The Space Force.*

3 **SEC. 598. REPORT ON RECRUITING EFFORTS OF THE ARMY.**

4 (a) *REPORT REQUIRED.*—Not later than 120 days
5 after the date of the enactment of this act, the Secretary
6 of the Army shall submit to the congressional defense com-
7 mittees a report on recruiting efforts of the Army. Such re-
8 port shall contain the following elements:

9 (1) *A comparison of the number of active Army*
10 *enlistments from each region annually during fiscal*
11 *years 2018 through 2022, the number of recruiters*
12 *stationed in each region, and advertising dollars*
13 *spent in each region, including annual numbers and*
14 *averages.*

15 (2) *A comparison of the number of active Army*
16 *enlistments produced by each Army Recruiting Bat-*
17 *talion during fiscal years 2018 through 2022, the*
18 *number of recruiters stationed in each battalion, and*
19 *advertising dollars spent in support of each battalion,*
20 *including annual numbers and averages.*

21 (3) *An analysis of the geographic dispersion of*
22 *enlistments by military occupational specialty during*
23 *fiscal years 2018 through 2022.*

24 (4) *An analysis of the amount of Federal funds*
25 *spent on advertising per active duty enlistment by*

1 *Army Recruiting Battalion and region during fiscal*
2 *years 2018 through 2022, and a ranked list of those*
3 *battalions from most efficient to least efficient.*

4 (5) *A comparison of the race, religion, gender,*
5 *education levels, military occupational specialties,*
6 *and waivers for enlistment granted to enlistees by re-*
7 *gion and Army Recruiting Battalion area of respon-*
8 *sibility during fiscal years 2018 through 2022.*

9 (b) *FORMAT.*—*The report under this section shall dis-*
10 *play data through infographics wherever possible.*

11 (c) *PUBLICATION.*—*Not later than 30 days after sub-*
12 *mitting the report under subsection (a), the Secretary of*
13 *the Army shall publish, on a publicly accessible website of*
14 *the Army, the report and the data sets (scrubbed of all per-*
15 *sonally identifiable information) used to generate the re-*
16 *port.*

17 (d) *REGION DEFINED.*—*In this section, the term “re-*
18 *gion” means a region used for the 2020 decennial census.*

1 **TITLE VI—COMPENSATION AND**
2 **OTHER PERSONNEL BENEFITS**
3 **Subtitle A—Basic Pay and**
4 **Allowances**

5 **SEC. 601. EXCLUSION OF BAH FROM GROSS HOUSEHOLD IN-**
6 **COME FOR PURPOSES OF BASIC NEEDS AL-**
7 **LOWANCE.**

8 *Section 402b(k)(1) of title 37, United States Code, is*
9 *amended by striking subparagraph (B) and inserting the*
10 *following:*

11 *“(B) the basic allowance for housing under*
12 *section 403 of this title paid to such member.”.*

13 **SEC. 602. BASIC ALLOWANCE FOR HOUSING FOR A MEMBER**
14 **WITHOUT DEPENDENTS WHOSE RELOCATION**
15 **WOULD FINANCIALLY DISADVANTAGE SUCH**
16 **MEMBER.**

17 *Section 403(o) of title 37, United States Code, is*
18 *amended—*

19 *(1) by inserting “(1)” before “In the case of a*
20 *member who is assigned”; and*

21 *(2) by adding at the end the following new para-*
22 *graph:*

23 *“(2) In the case of a member without dependents who*
24 *is assigned to a unit that undergoes a change of home port*
25 *or a change of permanent duty station, the Secretary con-*

1 *cerned may, if the Secretary concerned determines that it*
 2 *would be inequitable to base the member's entitlement to,*
 3 *and amount of, a basic allowance for housing on the new*
 4 *home port or permanent duty station, treat such member,*
 5 *for the purposes of this section, as if the unit to which the*
 6 *member is assigned did not undergo such a change.”.*

7 **SEC. 603. TEMPORARY CONTINUATION OF RATE OF BASIC**
 8 **ALLOWANCE FOR HOUSING FOR MEMBERS OF**
 9 **THE ARMED FORCES WHOSE SOLE DEPEND-**
 10 **ENT DIES WHILE RESIDING WITH THE MEM-**
 11 **BER.**

12 (a) *AUTHORITY.*—Section 403 of title 37, United
 13 States Code, as amended by section 602, is further amended
 14 by—

15 (1) *redesignating subsections (m) through (p) as*
 16 *subsections (n) through (q);*

17 (2) *by inserting after subsection (l) the following*
 18 *new subsection (m):*

19 “(m) **TEMPORARY CONTINUATION OF RATE OF BASIC**
 20 **ALLOWANCE FOR MEMBERS OF THE ARMED FORCES**
 21 **WHOSE SOLE DEPENDENT DIES WHILE RESIDING WITH**
 22 **THE MEMBER.**—(1) *Notwithstanding subsection (a)(2) or*
 23 *any other section of law, the Secretary of Defense and or*
 24 *the Secretary of the Department in which the Coast Guard*
 25 *is operating, may, after the death of the sole dependent of*

1 *a member of the armed forces, continue to pay a basic al-*
2 *lowance for housing to such member at the rate paid to such*
3 *member at the time of the death of such sole dependent if—*

4 “(A) such sole dependent dies—

5 “(i) while the member is on active duty;
6 and

7 “(ii) while residing with the member, unless
8 separated by the necessity of military service or
9 to receive institutional care as a result of dis-
10 ability or incapacitation or under such other cir-
11 cumstances as the Secretary concerned may by
12 regulation prescribe; and

13 “(B) the member—

14 “(i) is not occupying a housing facility
15 under the jurisdiction of the Secretary concerned
16 on the date of the death of the sole dependent; or

17 “(ii) is occupying such housing on a rental
18 basis on such date.

19 “(2) The continuation of the rate of an allowance
20 under this subsection shall terminate 365 days after the
21 date of the death of the sole dependent.”.

22 (b) *CONFORMING AMENDMENT.*—Section 2881a(c) of
23 title 10, United States Code, is amended by striking “sec-
24 tion 403(n)” and inserting “section 403(o)”.

1 **SEC. 604. ALLOWANCE FOR GYM MEMBERSHIP FOR CER-**
2 **TAIN MEMBERS OF THE ARMED FORCES WHO**
3 **RESIDE MORE THAN 10 MILES FROM A MILI-**
4 **TARY INSTALLATION.**

5 (a) *ESTABLISHMENT.*—Chapter 7 of title 37, United
6 States Code, is amended by inserting after section 425 the
7 following new section:

8 **“§426. Allowance for gym membership for certain**
9 **members of the armed forces who reside**
10 **more than 10 miles from a military instal-**
11 **lation**

12 *“(a) ALLOWANCE AUTHORIZED.*—The Secretary of the
13 military department concerned may pay, to a covered mem-
14 ber, a monthly allowance for a gym membership.

15 *“(b) AMOUNT.*—A monthly allowance to a covered
16 member under this section shall be in an amount deter-
17 mined by the Secretary of Defense based on the average cost
18 of a gym membership in the military housing area in which
19 the covered member resides.

20 *“(c) DEFINITIONS.*—In this section:

21 *“(1) The term ‘covered armed force’ means the*
22 *following:*

23 *“(A) The Army.*

24 *“(B) The Navy.*

25 *“(C) The Marine Corps.*

26 *“(D) The Air Force.*

1 “(E) *The Space Force.*

2 “(2) *The term ‘covered member’ means a member*
3 *of a covered armed force—*

4 “(A) *who resides more than 10 miles from*
5 *a military installation; and*

6 “(B) *who furnishes to the Secretary of the*
7 *military department concerned receipts or other*
8 *evidence such member has a gym membership.”.*

9 (b) *CLERICAL AMENDMENT.—The table of sections at*
10 *the beginning of such chapter is amended by inserting after*
11 *the item relating to section 425 the following:*

*“426. Allowance for gym membership for certain members of the armed forces who
reside more than 10 miles from a military installation.”.*

12 **SEC. 605. REVIVAL AND REDESIGNATION OF PROVISION ES-**
13 **TABLISHING BENEFITS FOR CERTAIN MEM-**
14 **BERS ASSIGNED TO THE DEFENSE INTEL-**
15 **LIGENCE AGENCY.**

16 (a) *REVIVAL.—Section 491 of title 37, United States*
17 *Code—*

18 (1) *is revived to read as it did immediately be-*
19 *fore its repeal under section 604 of the National De-*
20 *fense Authorization Act for Fiscal Year 2022 (Public*
21 *Law 117–81); and*

22 (2) *is redesignated as section 431 of such title.*

23 (b) *CLERICAL AMENDMENT.—The table of sections at*
24 *the beginning of chapter 7 of such title is amended by in-*

1 *serting, after the item relating to section 427, the following*
2 *new item:*

“431. Benefits for certain members assigned to the Defense Intelligence Agency.”.

3 **SEC. 606. REIMBURSEMENT OF CERTAIN CHILD CARE**
4 **COSTS INCIDENT TO A PERMANENT CHANGE**
5 **OF STATION OR ASSIGNMENT.**

6 *(a) DESIGNATED CHILD CARE PROVIDER: DEFINI-*
7 *TION; INCLUSION AS AUTHORIZED TRAVELER.—Section*
8 *451(a) of title 37, United States Code, is amended—*

9 *(1) in paragraph (2)(C), by inserting “, or as a*
10 *designated child care provider if child care is not*
11 *available to a member of the armed forces at a mili-*
12 *tary child development center (as that term is defined*
13 *in section 1800 of title 10) at the permanent duty lo-*
14 *cation of such member not later than 30 days after*
15 *the member arrives at such location” before the pe-*
16 *riod; and*

17 *(2) by adding at the end the following new para-*
18 *graph:*

19 *“(4) The term ‘designated child care provider’*
20 *means an adult selected by a member of the armed*
21 *forces to provide child care to a dependent child of*
22 *such member.”.*

23 *(b) AUTHORIZATION OF REIMBURSEMENT.—Section*
24 *453 of title 37, United States Code, is amended by adding*
25 *at the end the following new subsection:*

1 “(h) *REIMBURSEMENT OF CERTAIN CHILD CARE*
2 *COSTS INCIDENT TO A MEMBER’S PERMANENT CHANGE OF*
3 *STATION OR ASSIGNMENT.*—(1) *From amounts otherwise*
4 *made available for a fiscal year to provide travel and trans-*
5 *portation allowances under this chapter, the Secretary con-*
6 *cerned may reimburse a member of the armed forces for*
7 *travel expenses for a designated child care provider when—*

8 “(A) *the member is reassigned, either as a per-*
9 *manent change of station or permanent change of as-*
10 *signment, to a new duty station;*

11 “(B) *the movement of the member’s dependents is*
12 *authorized at the expense of the United States under*
13 *this section as part of the reassignment;*

14 “(C) *child care is not available at a military*
15 *child development center (as that term is defined in*
16 *section 1800 of title 10) at such duty station not later*
17 *than 30 days after the member arrives at such duty*
18 *station; and*

19 “(D) *the dependent child is on the wait list for*
20 *child care at such military child development center.*

21 “(2) *Reimbursement provided to a member under this*
22 *subsection may not exceed—*

23 “(A) *\$500 for a reassignment between duty sta-*
24 *tions within the continental United States; and*

1 “(B) \$1,500 for a reassignment involving a duty
2 station outside of the continental United States.

3 “(3) A member may not apply for reimbursement
4 under this subsection later than one year after a reassign-
5 ment described in paragraph (1).

6 “(4) In the event a household contains two or more
7 members eligible for reimbursement under this subsection,
8 reimbursement may be paid to one member among such
9 members as such members shall jointly elect.”.

10 **SEC. 607. ALLOWABLE TRAVEL AND TRANSPORTATION AL-**
11 **LOWANCES: COMPLEX OVERHAUL.**

12 Section 452(b) of title 37, United States Code, is
13 amended—

14 (1) by redesignating the second paragraph (18)
15 as paragraph (21); and

16 (2) by adding at the end the following new para-
17 graphs:

18 “(22) Permanent change of assignment to or
19 from a naval vessel undergoing nuclear refueling or
20 defueling and any concurrent complex overhaul, even
21 if such assignment is within the same area as the cur-
22 rent assignment of the member.

23 “(23) Current assignment to a naval vessel en-
24 tering or exiting nuclear refueling or defueling and
25 any concurrent complex overhaul.”.

1 **SEC. 608. EXPANSION OF AUTHORITY TO REIMBURSE A**
2 **MEMBER OF THE UNIFORMED SERVICES FOR**
3 **SPOUSAL BUSINESS COSTS ARISING FROM A**
4 **PERMANENT CHANGE OF STATION.**

5 *Subsection (g) of section 453 of title 37, United States*
6 *Code, as amended by section 606, is further amended—*

7 *(1) in the heading, by inserting “OR BUSINESS*
8 *COSTS” after “RELICENSING COSTS”;*

9 *(2) in paragraph (1), by inserting “or qualified*
10 *business costs” after “qualified relicensing costs”;*

11 *(3) in paragraph (2)—*

12 *(A) by inserting “(A)” before “Reimburse-*
13 *ment”;*

14 *(B) by inserting “for qualified relicensing*
15 *costs” after “subsection”;*

16 *(C) by striking “\$1000” and inserting*
17 *“\$1,000”; and*

18 *(D) by adding at the end the following new*
19 *subparagraph:*

20 *“(B) Reimbursement provided to a member under this*
21 *subsection for qualified business costs may not exceed*
22 *\$2,000 in connection with each reassignment described in*
23 *paragraph (1).”;*

24 *(4) in paragraph (3), by inserting “or qualified*
25 *business costs” after “qualified relicensing costs”;*

26 *(5) in paragraph (4)—*

1 (A) in the matter preceding subparagraph
2 (A), by inserting “business license, permit,” after
3 “courses,”;

4 (B) in subparagraph (A)—

5 (i) by inserting “, or owned a busi-
6 ness,” before “during”;

7 (ii) by inserting “professional” before
8 “license”; and

9 (iii) by inserting “, or business license
10 or permit,” after “certification”; and

11 (C) in subparagraph (B)—

12 (i) by inserting “professional” before
13 “license”; and

14 (ii) by inserting “, or business license
15 or permit,” after “certification”; and

16 (6) by adding at the end the following new para-
17 graph:

18 “(5) In this subsection, the term ‘qualified business
19 costs’ means costs, including moving services for equipment,
20 equipment removal, new equipment purchases, information
21 technology expenses, and inspection fees, incurred by the
22 spouse of a member if—

23 “(A) the spouse owned a business during the
24 member’s previous duty assignment and the costs re-
25 sult from a movement described in paragraph (1)(B)

1 *in connection with the member's change in duty loca-*
2 *tion pursuant to reassignment described in paragraph*
3 *(1)(A); and*

4 *“(B) the costs were incurred or paid to move*
5 *such business to a new location in connection with*
6 *such reassignment.”.*

7 **SEC. 609. PERMANENT AUTHORITY TO REIMBURSE MEM-**
8 **BERS FOR SPOUSE RELICENSING COSTS PUR-**
9 **SUANT TO A PERMANENT CHANGE OF STA-**
10 **TION.**

11 *Subsection (g) of section 453 of title 37, United States*
12 *Code, as amended by sections 606 and 608, is further*
13 *amended by striking paragraph (3) and redesignating*
14 *paragraph (4) as paragraph (3).*

15 **SEC. 609A. TRAVEL AND TRANSPORTATION ALLOWANCES**
16 **FOR CERTAIN MEMBERS OF THE ARMED**
17 **FORCES WHO ATTEND A PROFESSIONAL MILI-**
18 **TARY EDUCATION INSTITUTION OR TRAINING**
19 **CLASSES.**

20 *Section 453 of title 37, United States Code, as amend-*
21 *ed by sections 606, 608, and 609, is further amended by*
22 *adding at the end the following new subsection:*

23 *“(i) ATTENDANCE AT PROFESSIONAL MILITARY EDU-*
24 *CATION INSTITUTION OR TRAINING CLASSES.—*

1 “(1) *The Secretary of the military department*
2 *concerned may authorize temporary duty status, and*
3 *travel and transportation allowances payable to a*
4 *member in such status, for a member under the juris-*
5 *isdiction of such Secretary who is reassigned—*

6 “(A) *between duty stations located within*
7 *the United States;*

8 “(B) *for a period of not more than one*
9 *year;*

10 “(C) *for the purpose of participating in*
11 *professional military education or training*
12 *classes,*

13 “(D) *with orders to return to the duty sta-*
14 *tion where the member maintains primary resi-*
15 *dence and the dependents of such member reside.*

16 “(2) *If the Secretary of the military department*
17 *concerned assigns permanent duty status to a member*
18 *described in paragraph (1), such member shall be eli-*
19 *gible for travel and transportation allowances includ-*
20 *ing the following:*

21 “(A) *Transportation, including mileage at*
22 *the same rate paid for a permanent change of*
23 *station.*

1 “(B) *Per diem while traveling between the*
 2 *permanent duty station and professional mili-*
 3 *tary education institution or training site.*

4 “(C) *Per diem paid in the same manner*
 5 *and amount as temporary lodging expenses.*

6 “(D) *Per diem equal to the amount of the*
 7 *basic allowance for housing under section 403 of*
 8 *this title paid to a member—*

9 “(i) *in the grade of such member;*

10 “(ii) *without dependents;*

11 “(iii) *who resides in the military hous-*
 12 *ing area in which the professional military*
 13 *education institution or training site is lo-*
 14 *cated.*

15 “(E) *Movement of household goods in an*
 16 *amount determined under applicable regula-*
 17 *tions.”.*

18 **SEC. 609B. ESTABLISHMENT OF ALLOWANCE FOR CERTAIN**
 19 **RELOCATIONS OF PETS OF MEMBERS OF THE**
 20 **UNIFORMED SERVICES.**

21 *(a) ESTABLISHMENT.—Section 453 of title 37, United*
 22 *States Code, as amended by sections 606, 608, 609, and*
 23 *609A, is further amended by adding at the end the following*
 24 *new subsection:*

1 “(j) *PET RELOCATION ARISING FROM A PERMANENT*
2 *CHANGE OF DUTY STATION TO OR FROM A LOCATION OUT-*
3 *SIDE THE CONTINENTAL UNITED STATES.*—(1) *The Sec-*
4 *retary concerned shall reimburse a member for costs—*

5 “(A) *to move a pet of the member; and*

6 “(B) *arising from a permanent change of duty*
7 *station of such member to or from a location outside*
8 *the continental United States.*

9 “(2) *Reimbursement provided to a member under this*
10 *subsection may not exceed \$2,000 in connection with each*
11 *permanent change of duty station described in paragraph*
12 *(1).*

13 “(3) *In this subsection, the term ‘pet’ has the meaning*
14 *given such term in section 2266 of title 18.”.*

15 (b) *EFFECTIVE DATE.*—*The amendment made by this*
16 *section takes effect on the day that is 180 days after the*
17 *date of the enactment of this Act and applies to the reloca-*
18 *tion of a member of the uniformed services on or after such*
19 *day.*

20 **SEC. 609C. EXTENSION OF ONE-TIME UNIFORM ALLOWANCE**
21 **FOR OFFICERS WHO TRANSFER TO THE**
22 **SPACE FORCE.**

23 *Subsection (d)(1) of section 606 of the William M.*
24 *(Mac) Thornberry National Defense Authorization Act for*
25 *Fiscal Year 2021 (Public Law 116–283; 134 Stat. 3672;*

1 37 U.S.C. 416 note) is amended by striking “September 30,
2 2022” and inserting “September 30, 2023”.

3 **SEC. 609D. OCONUS COST OF LIVING ALLOWANCE: ADJUST-**
4 **MENTS; NOTICE TO CERTAIN CONGRES-**
5 **SIONAL COMMITTEES.**

6 (a) *ADJUSTMENTS.*—

7 (1) *REDUCTIONS: LIMITATION.*—*The Secretary of*
8 *Defense and the Secretary of the Department in which*
9 *the Coast Guard is operating may not reduce the cost-*
10 *of-living allowance for a member of the Armed Forces*
11 *assigned to a duty station located outside the United*
12 *States except in connection with a permanent change*
13 *of station for such member.*

14 (2) *INCREASES.*—*The Secretary of Defense and*
15 *the Secretary of the Department in which the Coast*
16 *Guard is operating may increase the allowance de-*
17 *scribed in paragraph (1) for a member of the Armed*
18 *Forces at any time.*

19 (b) *NOTICE TO CERTAIN CONGRESSIONAL COMMIT-*
20 *TEES.*—*The Secretary of Defense shall notify the appro-*
21 *priate congressional committees not less than 180 days be-*
22 *fore modifying a table used to calculate the living allowance*
23 *described in subsection (a).*

24 (c) *BRIEFING.*—*Not later than March 1, 2023, the Sec-*
25 *retary of Defense shall brief the Committees on Armed Serv-*

1 *ices of the Senate and House of Representatives regarding*
 2 *effects of this section on the allowance described in sub-*
 3 *section (a).*

4 *(d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
 5 *FINED.—In this section, the term “appropriate congres-*
 6 *sional committees” means the following:*

7 *(1) The Committee on Armed Services of the*
 8 *Senate.*

9 *(2) The Committees on Armed Services of the*
 10 *House of Representatives.*

11 *(3) The Committee on Commerce, Science, and*
 12 *Transportation of the Senate.*

13 *(4) The Committee on Transportation and Infra-*
 14 *structure of the House of Representatives.*

15 **SEC. 609E. PAY FOR DOD AND COAST GUARD CHILD CARE**

16 **PROVIDERS: STUDIES; ADJUSTMENT.**

17 *(a) DOD CHILD CARE EMPLOYEE COMPENSATION RE-*
 18 *VIEW.—*

19 *(1) REVIEW REQUIRED.—The Secretary of De-*
 20 *fense shall, for each geographic area in which the Sec-*
 21 *retary of a military department operates a military*
 22 *child development center, conduct a study—*

23 *(A) comparing the total compensation, in-*
 24 *cluding all pay and benefits, of child care em-*
 25 *ployees of each military child development center*

1 *in the geographic area to the total compensation*
2 *of similarly credentialed employees of public ele-*
3 *mentary schools in such geographic area; and*

4 *(B) estimating the difference in average pay*
5 *and the difference in average benefits between*
6 *such child care employees and such employees of*
7 *public elementary schools.*

8 (2) *SCHEDULE.—The Secretary of Defense shall*
9 *complete the studies required under paragraph (1)—*

10 *(A) for the geographic areas containing the*
11 *military installations with the 25 longest wait*
12 *lists for child care services at military child de-*
13 *velopment centers, not later than one year after*
14 *the date of the enactment of this Act; and*

15 *(B) for geographic areas other than geo-*
16 *graphic areas described in subparagraph (A),*
17 *not later than two years after the date of the en-*
18 *actment of this Act.*

19 (3) *REPORTS.—*

20 *(A) INTERIM REPORT.—Not later than one*
21 *year after the date of the enactment of this Act,*
22 *the Secretary of Defense shall submit to the con-*
23 *gressional defense committees and the Coast*
24 *Guard committees a report summarizing the re-*
25 *sults of the studies required under paragraph (1)*

1 that have been completed as of the date of the
2 submission of such report.

3 (B) *FINAL REPORT.*—Not later than 120
4 days after the completion of all the studies re-
5 quired under paragraph (1), the Secretary shall
6 submit to the congressional defense committees
7 and the Coast Guard committees a report sum-
8 marizing the results of such studies.

9 (b) *COAST GUARD CHILD DEVELOPMENT CENTER EM-*
10 *PLOYEE COMPENSATION REVIEW.*—

11 (1) *REVIEW REQUIRED.*—The Secretary of
12 Homeland Security shall, for each geographic area in
13 which the Secretary operates a Coast Guard child de-
14 velopment center, conduct a study—

15 (A) comparing the total compensation (in-
16 cluding all pay and benefits) of child develop-
17 ment center employees of each Coast Guard child
18 development center in such geographic area, to
19 the total compensation of similarly credentialed
20 employees of public elementary schools in such
21 geographic area; and

22 (B) estimating the difference in average pay
23 and the difference in average benefits between
24 such child development center employees and
25 such employees of public elementary schools.

1 (2) *SCHEDULE.*—*The Secretary of Homeland Se-*
2 *curity shall complete the studies required under para-*
3 *graph (1)—*

4 (A) *for the geographic areas containing the*
5 *Coast Guard installations with the 10 longest*
6 *wait lists for child development services at Coast*
7 *Guard child development centers, not later than*
8 *one year after the date of the enactment of this*
9 *Act; and*

10 (B) *for geographic areas other than geo-*
11 *graphic areas described in subparagraph (A),*
12 *not later than two years after the date of the en-*
13 *actment of this Act.*

14 (3) *REPORTS.*—

15 (A) *INTERIM REPORT.*—*Not later than one*
16 *year after the date of the enactment of this Act,*
17 *the Secretary of Homeland Security shall submit*
18 *to the Coast Guard committees and the congres-*
19 *sional defense committees a report summarizing*
20 *the results of the respective studies required*
21 *under paragraph (1) that the Secretary has com-*
22 *pleted as of the date of the submission of such re-*
23 *port.*

24 (B) *FINAL REPORT.*—*Not later than 120*
25 *days after the completion of all respective studies*

1 *required under paragraph (1), the Secretary of*
2 *Homeland Security shall submit to the Coast*
3 *Guard committees and the congressional defense*
4 *committees a report summarizing the results of*
5 *such studies.*

6 (c) *COMPENSATION ADJUSTMENT.—*

7 (1) *IN GENERAL.—*

8 (A) *DEPARTMENT OF DEFENSE.—Not later*
9 *than 90 days after the date on which the Sec-*
10 *retary of Defense completes the study for a geo-*
11 *graphic area under subsection (a), the Secretary*
12 *of each military department that operates a*
13 *military child development center in such geo-*
14 *graphic area shall ensure that the dollar value of*
15 *the total compensation, including the pay and*
16 *benefits, of child care employees is not less than*
17 *the average dollar value of the total compensa-*
18 *tion of similarly credentialed employees of public*
19 *elementary schools in such geographic area.*

20 (B) *COAST GUARD.—Not later than 90 days*
21 *after the date on which the Secretary of Home-*
22 *land Security completes the study for a geo-*
23 *graphic area under subsection (b), the Com-*
24 *mandant of the Coast Guard shall ensure that*
25 *the dollar value of the total compensation, in-*

1 cluding the pay and benefits, of child develop-
2 ment center employees in such geographic area is
3 not less than the average dollar value of the total
4 compensation of similarly credentialed employees
5 of public elementary schools in such geographic
6 area.

7 (2) *ADJUSTMENT LIMIT.*—No child care employee
8 or child development center employee may have his or
9 her pay or benefits decreased pursuant to paragraph
10 (1).

11 (3) *REPORTS.*—

12 (A) *DEPARTMENT OF DEFENSE.*—Not later
13 than one year after the date of the enactment of
14 this Act, and annually thereafter for five years,
15 each Secretary of a military department shall
16 submit to the congressional defense committees
17 and the Coast Guard committees a report detail-
18 ing the effects of changes in the total compensa-
19 tion under this subsection, including the effects
20 on the hiring and retention of child care employ-
21 ees and on the number of children for which
22 military child development centers provide child
23 care services.

24 (B) *COAST GUARD.*—Not later than one
25 year after the date of the enactment of this Act,

1 *and annually thereafter for five years, the Com-*
2 *mandant of the Coast Guard shall submit to the*
3 *Coast Guard committees and the congressional*
4 *defense committees a report detailing the effects*
5 *of changes in the total compensation under this*
6 *subsection, including the effects on the hiring*
7 *and retention of child development center em-*
8 *ployees and on the number of children for which*
9 *Coast Guard child development centers provide*
10 *child development services.*

11 *(d) DEFINITIONS.—In this section:*

12 *(1) The term “benefits” includes—*

13 *(A) retirement benefits;*

14 *(B) any insurance premiums paid by an*
15 *employer;*

16 *(C) education benefits, including tuition re-*
17 *imbursement and student loan repayment; and*

18 *(D) any other compensation an employer*
19 *provides to an employee for service performed as*
20 *an employee (other than pay), as determined ap-*
21 *propriate by the Secretary of Defense or Sec-*
22 *retary of Homeland Security, as applicable.*

23 *(2) The terms “child care employee” and “mili-*
24 *tary child development center” have the meanings*

1 *given such terms in section 1800 of title 10, United*
2 *States Code.*

3 (3) *The terms “child development center em-*
4 *ployee” and “Coast Guard child development center”*
5 *have the meanings given such terms in section 2921*
6 *of title 14, United States Code.*

7 (4) *The term “Coast Guard committees”*
8 *means—*

9 (A) *the Committee on Commerce, Science,*
10 *and Transportation of the Senate;*

11 (B) *the Committee on Transportation and*
12 *Infrastructure of the House of Representatives;*
13 *and*

14 (C) *the Committees on Appropriations of*
15 *the Senate and the House of Representatives.*

16 (5) *The term “congressional defense committees”*
17 *has the meaning given such term in section 101 of*
18 *title 10, United States Code.*

19 (6) *The term “elementary school” means a day*
20 *or residential school which provides elementary edu-*
21 *cation, as determined under State law.*

22 (7) *The term “pay” includes the basic rate of*
23 *pay of an employee and any additional payments an*
24 *employer pays to an employee for service performed*
25 *as an employee.*

1 **Subtitle B—Bonus and Incentive**
2 **Pays**

3 **SEC. 611. ONE-YEAR EXTENSION OF CERTAIN EXPIRING**
4 **BONUS AND SPECIAL PAY AUTHORITIES.**

5 (a) *AUTHORITIES RELATING TO RESERVE FORCES.*—
6 Section 910(g) of title 37, United States Code, relating to
7 income replacement payments for reserve component mem-
8 bers experiencing extended and frequent mobilization for ac-
9 tive duty service, is amended by striking “December 31,
10 2022” and inserting “December 31, 2023”.

11 (b) *TITLE 10 AUTHORITIES RELATING TO HEALTH*
12 *CARE PROFESSIONALS.*—The following sections of title 10,
13 *United States Code*, are amended by striking “December 31,
14 2022” and inserting “December 31, 2023”:

15 (1) *Section 2130a(a)(1), relating to nurse officer*
16 *candidate accession program.*

17 (2) *Section 16302(d), relating to repayment of*
18 *education loans for certain health professionals who*
19 *serve in the Selected Reserve.*

20 (c) *AUTHORITIES RELATING TO NUCLEAR OFFI-*
21 *CERS.*—Section 333(i) of title 37, United States Code, is
22 *amended by striking “December 31, 2022” and inserting*
23 *“December 31, 2023”.*

24 (d) *AUTHORITIES RELATING TO TITLE 37 CONSOLI-*
25 *DATED SPECIAL PAY, INCENTIVE PAY, AND BONUS AU-*

1 *THORITIES.—The following sections of title 37, United*
2 *States Code, are amended by striking “December 31, 2022”*
3 *and inserting “December 31, 2023”:*

4 (1) *Section 331(h), relating to general bonus au-*
5 *thority for enlisted members.*

6 (2) *Section 332(g), relating to general bonus au-*
7 *thority for officers.*

8 (3) *Section 334(i), relating to special aviation*
9 *incentive pay and bonus authorities for officers.*

10 (4) *Section 335(k), relating to special bonus and*
11 *incentive pay authorities for officers in health profes-*
12 *sions.*

13 (5) *Section 336(g), relating to contracting bonus*
14 *for cadets and midshipmen enrolled in the Senior Re-*
15 *serve Officers’ Training Corps.*

16 (6) *Section 351(h), relating to hazardous duty*
17 *pay.*

18 (7) *Section 352(g), relating to assignment pay or*
19 *special duty pay.*

20 (8) *Section 353(i), relating to skill incentive pay*
21 *or proficiency bonus.*

22 (9) *Section 355(h), relating to retention incen-*
23 *tives for members qualified in critical military skills*
24 *or assigned to high priority units.*

1 (e) *AUTHORITY TO PROVIDE TEMPORARY INCREASE IN*
2 *RATES OF BASIC ALLOWANCE FOR HOUSING.*—Section
3 *403(b) of title 37, United States Code, is amended—*

4 (1) *in paragraph (7)(E), by striking “December*
5 *31, 2022” and inserting “December 31, 2023”; and*

6 (2) *in paragraph (8)(C), by striking “September*
7 *30, 2022” and inserting “December 31, 2023”.*

8 **SEC. 612. INCREASE TO MAXIMUM AMOUNTS OF CERTAIN**
9 **BONUS AND SPECIAL PAY AUTHORITIES.**

10 (a) *GENERAL BONUS AUTHORITY FOR ENLISTED*
11 *MEMBERS.*—Section *331(c)(1) of title 37, United States*
12 *Code, is amended—*

13 (1) *in subparagraph (A), by striking “\$50,000”*
14 *and inserting “\$75,000”; and*

15 (2) *in subparagraph (B), by striking “\$30,000”*
16 *and inserting “\$50,000”.*

17 (b) *SPECIAL BONUS AND INCENTIVE PAY AUTHORI-*
18 *TIES FOR NUCLEAR OFFICERS.*—Section *333(d)(1)(A) of*
19 *title 37, United States Code, is amended by striking*
20 *“\$50,000” and inserting “\$75,000”.*

21 (c) *SPECIAL AVIATION INCENTIVE PAY AND BONUS*
22 *AUTHORITIES FOR OFFICERS.*—Section *334(c)(1) of title*
23 *37, United States Code, is amended—*

24 (1) *in subparagraph (A), by striking “\$1,000”*
25 *and inserting “\$1,500”; and*

1 (2) *in subparagraph (B), by striking “\$35,000”*
2 *and inserting “\$75,000”.*

3 (d) *SKILL INCENTIVE PAY OR PROFICIENCY BONUS.—*
4 *Section 353(c)(1)(A) of title 37, United States Code, is*
5 *amended by striking “\$1,000” and inserting “\$1,750”.*

6 **SEC. 613. SPECIAL PAY AND ALLOWANCES FOR MEMBERS**
7 **OF THE ARMED FORCES ASSIGNED TO COLD**
8 **WEATHER OPERATIONS.**

9 (a) *SPECIAL PAY.—*

10 (1) *ESTABLISHMENT.—Subchapter II of chapter*
11 *5 of title 37, United States Code, is amended by in-*
12 *serting after section 336 the following new section:*

13 **“§337. Special pay: members of the armed forces as-**
14 **signed to cold weather operations**

15 **“(a) SPECIAL PAY AUTHORIZED.—The Secretary con-**
16 **cerned shall pay monthly special pay (to be known as ‘arc-**
17 **tic pay’) to a member of the armed forces—**

18 **“(1) assigned to perform cold weather operations;**

19 **or**

20 **“(2) required to maintain proficiency through**
21 **frequent operations in cold weather.**

22 **“(b) AMOUNT OF PAY.—Special pay under this section**
23 **shall equal \$300 per month.**

1 “(c) *RELATIONSHIP TO OTHER PAY OR ALLOW-*
 2 *ANCES.—Special pay under this section is in addition to*
 3 *any other pay or allowance to which a member is entitled.*

4 “(d) *SUNSET.—No special pay may be paid under this*
 5 *section after December 31, 2023.*”.

6 (2) *CLERICAL AMENDMENT.—The table of sec-*
 7 *tions at the beginning of such chapter is amended by*
 8 *inserting after the item relating to section 336 the fol-*
 9 *lowing:*

“337. *Special pay: members of the armed forces assigned to permanent duty sta-*
tions in Alaska.”.

10 (3) *REGULATIONS.—The Secretary of Defense*
 11 *shall prescribe regulations for the payment of arctic*
 12 *pay under section 337 of such title, as added by sub-*
 13 *section (a).*

14 (b) *PILOT ALLOWANCE FOR BROADBAND.—*

15 (1) *ESTABLISHMENT.—Chapter 7 of title 37,*
 16 *United States Code, is amended by inserting after sec-*
 17 *tion 425 the following new section:*

18 “**§ 426. Allowance for broadband for members of the**
 19 **armed forces assigned to permanent duty**
 20 **stations in Alaska**

21 “(a) *ALLOWANCE AUTHORIZED.—The Secretary con-*
 22 *cerned shall pay, to a member of the armed forces assigned*
 23 *to a permanent duty station in Alaska, a monthly allow-*
 24 *ance for broadband.*

1 “(b) *AMOUNT.*—*The monthly allowance to a member*
2 *under this section shall be—*

3 “(1) *\$125 during calendar year 2023; and*

4 “(2) *in subsequent calendar years, an amount*
5 *determined by the Secretary of Defense based on the*
6 *difference between the average costs of unlimited*
7 *broadband plans in Alaska and in the continental*
8 *United States.*

9 “(c) *SUNSET.*—*No allowance may be paid under this*
10 *section after December 31, 2028.”.*

11 (2) *CLERICAL AMENDMENT.*—*The table of sec-*
12 *tions at the beginning of such chapter is amended by*
13 *inserting after the item relating to section 425 the fol-*
14 *lowing:*

“426. Allowance for broadband for members of the armed forces assigned to perma-
nent duty stations in Alaska.”.

15 (3) *EFFECTIVE DATE.*—*Section 426 of such title,*
16 *as added by this subsection, shall take effect on the*
17 *day the Secretary of Defense prescribes regulations*
18 *under paragraph (4).*

19 (4) *REGULATIONS.*—*Not later than six months*
20 *after the date of the enactment of this Act, the Sec-*
21 *retary of Defense shall prescribe regulations to carry*
22 *out section 426 of such title, as added by this sub-*
23 *section.*

1 (5) *REPORT.*—Not later than December 31, 2027,
2 the Secretary of Defense shall submit to the Commit-
3 tees on Armed Services of the Senate and House of
4 Representatives a report containing—

5 (A) the evaluation of the Secretary of the al-
6 lowance under section 426 of such title, as added
7 by this subsection; and

8 (B) any recommendation of the Secretary
9 regarding whether such allowance should be
10 amended, extended, or made permanent.

11 (c) *TRAVEL AND TRANSPORTATION ALLOWANCE.*—

12 (1) *ENTITLEMENT.*—Not later than 90 days after
13 the date of the enactment of this Act, the Secretary of
14 Defense shall prescribe regulations and guidance that
15 entitle a member of the Armed Forces, assigned to a
16 permanent duty station in Alaska, to a one-time al-
17 lowance for air travel for the member and dependents
18 of such member.

19 (2) *AMOUNTS.*—If the air travel is to the perma-
20 nent residence of the member, the amount of the al-
21 lowance shall equal the total costs of such air travel.
22 If such air travel is to another destination within the
23 United States, amount of the allowance shall be equal
24 to the lesser of the following:

1 (A) *The rate for such air travel under the*
 2 *City Pair Program of the General Services Ad-*
 3 *ministration (or successor program) in effect at*
 4 *the time of such air travel.*

5 (B) *The actual costs of such air travel.*

6 (3) *TIMING.—Air travel reimbursed under such*
 7 *regulation may not commence later than 30 months*
 8 *after the member is assigned to a permanent duty sta-*
 9 *tion in Alaska.*

10 (4) *ADDITIONAL AUTHORIZATION.—The Sec-*
 11 *retary concerned may authorize an additional allow-*
 12 *ance for a member who has used the allowance to*
 13 *which such member is entitled under this subsection.*

14 **SEC. 614. AUTHORIZATION OF INCENTIVE PAY TO A MEM-**
 15 **BER OF THE ARMED FORCES WHOSE DISCLO-**
 16 **SURE OF FRAUD, WASTE, OR MISMANAGE-**
 17 **MENT RESULTS IN COST SAVINGS TO THE**
 18 **MILITARY DEPARTMENT CONCERNED.**

19 (a) *AUTHORITY.—Subchapter II of chapter 5 of title*
 20 *37, United States Code, is amended by adding at the end*
 21 *the following new section:*

22 **“§ 358. Incentive pay for cost savings disclosures**

23 “(a) *AUTHORITY.—The Secretary concerned may pay*
 24 *an incentive pay to a member of the Armed Forces whose*
 25 *disclosure of fraud, waste, or mismanagement to a covered*

1 *official, results in cost savings for the military department*
2 *concerned. The amount of an award under this section may*
3 *not exceed the lesser of—*

4 “(1) \$10,000; or

5 “(2) an amount equal to 1 percent of the cost
6 *savings that the covered official determines to be the*
7 *total savings attributable to such disclosure.*

8 “(b) *CALCULATION.—For purposes of subsection*
9 *(a)(2), the covered official may take into account cost sav-*
10 *ings projected for subsequent fiscal years that will be attrib-*
11 *utable to such disclosure.*

12 “(c) *COVERED OFFICIAL DEFINED.—In this section,*
13 *the term ‘covered official’ includes the following:*

14 “(1) *The Secretary concerned.*

15 “(2) *The Inspector General concerned.”.*

16 “(b) *CLERICAL AMENDMENT.—The table of sections at*
17 *the beginning of such chapter is amended by inserting after*
18 *the item relating to section 357 the following:*

“358. Incentive pay for cost savings disclosures.”.

19 **SEC. 615. INFLATION BONUS PAY.**

20 “(a) *BONUS PAY.—Beginning on January 1, 2023, the*
21 *Secretary concerned shall pay a bonus to each eligible mem-*
22 *ber under the jurisdiction of such Secretary concerned.*

23 “(b) *PAYMENT.—Bonus pay under this section shall be*
24 *paid to an eligible member on a monthly basis.*

1 (c) *AMOUNT OF PAY.*—Each bonus payment under this
2 section shall be in an amount equal to 2.4 percent of the
3 rate—

4 (1) *in effect on January 1, 2023; and*

5 (2) *of, for an eligible member—*

6 (A) *pay under section 204 of title 37,*
7 *United States Code; or*

8 (B) *compensation under section 206 of title*
9 *37, United States Code.*

10 (d) *RELATIONSHIP TO OTHER PAY AND ALLOW-*
11 *ANCES.*—Bonus pay paid to an eligible member under this
12 section is in addition to any other pay and allowances to
13 which the eligible member is entitled.

14 (e) *TERMINATION.*—No bonus may be paid under this
15 section after December 31, 2023.

16 (f) *ELIGIBLE MEMBER DEFINED.*—In this section, the
17 term “eligible member” means a member of the uniformed
18 services—

19 (1) *who is entitled to pay or compensation de-*
20 *scribed in subsection (c)(2); and*

21 (2) *whose basic pay for 2023 is less than*
22 *\$45,000.*

23 **SEC. 616. ESTABLISHING COMPLEX OVERHAUL PAY.**

24 (a) *ESTABLISHMENT.*—Not later than six months after
25 the date of the enactment of this Act, the Secretary of De-

1 *fense shall prescribe regulations under section 352 of title*
2 *37, United States Code, for the payment of special monthly*
3 *pay (to be known as “complex overhaul pay”) to a member*
4 *of the Armed Forces assigned to a naval vessel undergoing*
5 *nuclear refueling or defueling and any concurrent complex*
6 *overhaul.*

7 (b) *AMOUNT OF PAY.—Complex overhaul pay shall*
8 *equal \$200 per month.*

9 (c) *RELATIONSHIP TO OTHER PAY OR ALLOWANCES.—*
10 *Complex overhaul pay is in addition to any other pay or*
11 *allowance to which a member is entitled.*

12 **SEC. 617. AIR FORCE RATED OFFICER RETENTION DEM-**
13 **ONSTRATION PROGRAM.**

14 (a) *PROGRAM REQUIREMENT.—The Secretary shall es-*
15 *tablish and carry out within the Department of the Air*
16 *Force a demonstration program to assess and improve re-*
17 *tention on active duty in the Air Force of rated officers*
18 *described in subsection (b).*

19 (b) *RATED OFFICERS DESCRIBED.—Rated officers de-*
20 *scribed in this subsection are rated officers serving on active*
21 *duty in the Air Force, excluding rated officers with a re-*
22 *serve appointment in the Air National Guard or Air Force*
23 *Reserve—*

1 (1) *whose continued service on active duty would*
2 *be in the best interest of the Department of the Air*
3 *Force, as determined by the Secretary; and*

4 (2) *who have not more than three years and not*
5 *less than one year remaining on an active duty serv-*
6 *ice obligation under section 653 of title 10, United*
7 *States Code.*

8 (c) *WRITTEN AGREEMENT.—*

9 (1) *IN GENERAL.—Under the demonstration pro-*
10 *gram required under subsection (a), the Secretary*
11 *shall offer retention incentives under subsection (d) to*
12 *a rated officer described in subsection (b) who executes*
13 *a written agreement to remain on active duty in a*
14 *regular component of the Air Force for not less than*
15 *four years after the completion of the active duty serv-*
16 *ice obligation of the officer under section 653 of title*
17 *10, United States Code.*

18 (2) *EXCEPTION.—If the Secretary of the Air*
19 *Force determines that an assignment previously guar-*
20 *anteed under subsection (d)(1) to a rated officer de-*
21 *scribed in subsection (b) cannot be fulfilled, the agree-*
22 *ment of the officer under paragraph (1) to remain on*
23 *active duty shall expire not later than one year after*
24 *that determination.*

25 (d) *RETENTION INCENTIVES.—*

1 (1) *GUARANTEE OF FUTURE ASSIGNMENT LOCA-*
2 *TION.*—Under the demonstration program required
3 under subsection (a), the Secretary may offer to a
4 rated officer described in subsection (b) a guarantee
5 of future assignment locations based on the preference
6 of the officer.

7 (2) *AVIATION BONUS.*—Under the demonstration
8 program required under subsection (a), notwith-
9 standing section 334(c) of title 37, United States
10 Code, the Secretary may pay to a rated officer de-
11 scribed in subsection (b) an aviation bonus not to ex-
12 ceed an average annual amount of \$50,000 (subject to
13 paragraph (3)(B)).

14 (3) *COMBINATION OF INCENTIVES.*—The Sec-
15 retary may offer to a rated officer described in sub-
16 section (b) a combination of incentives under para-
17 graphs (1) and (2).

18 (4) *VARIATIONS; LIMITATIONS.*—The Secretary
19 may vary or limit the total number of available con-
20 tracts and the combination of incentives within such
21 contracts to target certain Air Force specialty codes,
22 ensure required assignments locations are filled, and
23 readiness is not negatively affected. The Secretary
24 shall determine the criteria for such variations or

1 *limitations and include such criteria in the annual*
2 *briefing under subsection (e).*

3 *(e) ANNUAL BRIEFING.—Not later than December 31,*
4 *2023, and annually thereafter until the termination of the*
5 *demonstration program required under subsection (a), the*
6 *Secretary shall provide to the Committees on Armed Serv-*
7 *ices of the Senate and the House of Representatives a brief-*
8 *ing describing the use of such demonstration program and*
9 *its effects on the retention on active duty in the Air Force*
10 *of rated officers described in subsection (b).*

11 *(f) DEFINITIONS.—In this section:*

12 *(1) RATED OFFICER.—The term “rated officer”*
13 *means an officer specified in section 9253 of title 10,*
14 *United States Code.*

15 *(2) SECRETARY.—The term “Secretary” means*
16 *the Secretary of the Air Force.*

17 *(g) TERMINATION.—This section shall terminate on*
18 *December 31, 2028.*

1 ***Subtitle C—Family and Survivor***
2 ***Benefits***

3 ***SEC. 621. EXPANDED ELIGIBILITY FOR BEREAVEMENT***
4 ***LEAVE FOR MEMBERS OF THE ARMED***
5 ***FORCES.***

6 (a) *EXPANSION.*—Section 701(m) of title 10, United
7 States Code, is amended in paragraph (3) by striking sub-
8 paragraphs (A) and (B) and inserting the following:

9 “(A) a spouse;

10 “(B) a son or daughter; or

11 “(C) a parent.

12 “(4) In this section, the term ‘son or daughter’
13 means—

14 “(A) a biological, adopted, step, or foster son or
15 daughter of the individual;

16 “(B) a person who is a legal ward of the mem-
17 ber, or was a legal ward of the individual when the
18 person was a minor or otherwise required a legal
19 guardian; or

20 “(C) a person for whom the member stands in
21 loco parentis or stood in loco parentis when the per-
22 son was a minor or otherwise required the individual
23 to stand in loco parentis.

24 “(5) In this section, the term ‘parent’ means—

1 “(A) a biological, adoptive, step, or foster parent
2 of the individual, or a person who was a foster parent
3 of the individual when the individual was a minor;

4 “(B) a legal guardian of the individual, or per-
5 son who was a legal guardian of the individual when
6 the individual was a minor or otherwise required a
7 legal guardian; or

8 “(C) a person who stands in loco parentis to the
9 member or stood in loco parentis when the individual
10 was a minor or otherwise required a person to stand
11 in loco parentis.”.

12 (b) *EFFECTIVE DATE.*—The amendment made by sub-
13 section (a) shall take effect on the latter of July 3, 2022,
14 and the date of the enactment of this Act.

15 **SEC. 622. CLAIMS RELATING TO THE RETURN OF PERSONAL**
16 **EFFECTS OF A DECEASED MEMBER OF THE**
17 **ARMED FORCES.**

18 Section 1482(a) of title 10, United States Code, is
19 amended by adding at the end the following new paragraph:

20 “(11)(A) Delivery of personal effects of a dece-
21 dent to the next of kin or other appropriate person.

22 “(B) If the Secretary concerned enters into an
23 agreement with an entity to carry out subparagraph
24 (A), the Secretary concerned shall pursue a claim
25 against such entity that arises from the failure of

1 *such entity to substantially perform such subpara-*
2 *graph.*

3 “(C) *If an entity described in subparagraph (B)*
4 *fails to substantially perform subparagraph (A) by*
5 *damaging, losing, or destroying the personal effects of*
6 *a decedent, the Secretary concerned shall reimburse*
7 *the person designated under subsection (c) the greater*
8 *of \$1,000 or the fair market value of such damage,*
9 *loss, or destruction. The Secretary concerned may re-*
10 *quest from, the person designated under subsection*
11 *(c), proof of fair market value and ownership of the*
12 *personal effects.”.*

13 **SEC. 623. EXPANSION OF AUTHORIZED ASSISTANCE FOR**
14 **PROVIDERS OF CHILD CARE SERVICES TO**
15 **MEMBERS OF THE ARMED FORCES.**

16 (a) *EXPANSION.*—*Section 1798 of title 10, United*
17 *States Code, is amended—*

18 (1) *by striking “financial assistance” each place*
19 *it appears and inserting “covered assistance”; and*

20 (2) *by adding at the end the following new sub-*
21 *section:*

22 “(d) *COVERED ASSISTANCE DEFINED.*—*In this sec-*
23 *tion, the term ‘covered assistance’ includes—*

24 “(1) *financial assistance; and*

1 “(2) *free or reduced-cost child care services fur-*
2 *nished by the Secretary.*”

3 (b) *TECHNCIAL AND CONFORMING AMENDMENTS.*—

4 (1) *SECTION HEADING.*—*The heading of such sec-*
5 *tion is amended by striking “**financial**”.*

6 (2) *TABLE OF SECTIONS.*—*The table of sections*
7 *at the beginning of subchapter II of chapter 88 of*
8 *such title is amended by striking the item relating to*
9 *section 1798 and inserting the following:*

*“1798. Child care services and youth program services for dependents: assistance
for providers.”.*

10 **SEC. 624. SURVIVOR BENEFIT PLAN OPEN ENROLLMENT PE-**

11 **RIOD.**

12 (a) *PERSONS NOT CURRENTLY PARTICIPATING IN*
13 *SURVIVOR BENEFIT PLAN.*—

14 (1) *ELECTION OF SBP COVERAGE.*—*An eligible*
15 *retired or former member may elect to participate in*
16 *the Survivor Benefit Plan during the open enrollment*
17 *period specified in paragraph (4).*

18 (2) *ELIGIBLE RETIRED OR FORMER MEMBER.*—
19 *For purposes of subparagraph (A), an eligible retired*
20 *or former member is a member or former member of*
21 *the uniformed services who, on the day before the first*
22 *day of the open enrollment period, discontinued par-*
23 *ticipation in the Survivor Benefit Plan under section*
24 *1452(g) of title 10, United States Code, and—*

1 (A) is entitled to retired pay; or

2 (B) would be entitled to retired pay under
3 chapter of title 10, United States Code (or chap-
4 ter 67 of such title as in effect before October 5,
5 1994), but for the fact that such member or
6 former member is under 60 years of age.

7 (3) STATUS UNDER SBP OF PERSONS MAKING
8 ELECTIONS.—

9 (A) STANDARD ANNUITY.—A person making
10 an election under subparagraph (A) by reason of
11 eligibility under subparagraph (B)(i) shall be
12 treated for all purposes as providing a standard
13 annuity under the Survivor Benefit Plan.

14 (B) RESERVE-COMPONENT ANNUITY.—A
15 person making an election under subparagraph
16 (A) by reason of eligibility under subparagraph
17 (B)(ii) shall be treated for all purposes as pro-
18 viding a reserve-component annuity under the
19 Survivor Benefit Plan.

20 (b) MANNER OF MAKING ELECTIONS.—

21 (1) IN GENERAL.—An election under this sub-
22 section must be made in writing, signed by the person
23 making the election, and received by the Secretary
24 concerned before the end of the open enrollment pe-
25 riod. Except as provided in subparagraph (B), any

1 *such election shall be made subject to the same condi-*
2 *tions, and with the same opportunities for designa-*
3 *tion of beneficiaries and specification of base amount,*
4 *that apply under the Survivor Benefit Plan. A person*
5 *making an election under paragraph (1) to provide a*
6 *reserve-component annuity shall make a designation*
7 *described in section 1448(e) of title 10, United States*
8 *Code.*

9 (2) *ELECTION MUST BE VOLUNTARY.—An elec-*
10 *tion under this subsection is not effective unless the*
11 *person making the election declares the election to be*
12 *voluntary. An election to participate in the Survivor*
13 *Benefit Plan under this subsection may not be re-*
14 *quired by any court. An election to participate or not*
15 *to participate in the Survivor Benefit Plan is not*
16 *subject to the concurrence of a spouse or former spouse*
17 *of the person.*

18 (c) *EFFECTIVE DATE FOR ELECTIONS.—Any such elec-*
19 *tion shall be effective as of the first day of the first calendar*
20 *month following the month in which the election is received*
21 *by the Secretary concerned.*

22 (d) *OPEN ENROLLMENT PERIOD DEFINED.—The open*
23 *enrollment period is the period beginning on the date of*
24 *the enactment of this Act and ending on January 1, 2024.*

1 (e) *APPLICABILITY OF CERTAIN PROVISIONS OF*
2 *LAW.—The provisions of sections 1449, 1453, and 1454 of*
3 *title 10, United States Code, are applicable to a person*
4 *making an election, and to an election, under this sub-*
5 *section in the same manner as if the election were made*
6 *under the Survivor Benefit Plan.*

7 (f) *PREMIUMS FOR OPEN ENROLLMENT ELECTION.—*

8 (1) *PREMIUMS TO BE CHARGED.—The Secretary*
9 *of Defense shall prescribe in regulations premiums*
10 *which a person electing under this subsection shall be*
11 *required to pay for participating in the Survivor*
12 *Benefit Plan pursuant to the election. The total*
13 *amount of the premiums to be paid by a person*
14 *under the regulations shall be equal to the sum of—*

15 (A) *the total amount by which the retired*
16 *pay of the person would have been reduced before*
17 *the effective date of the election if the person had*
18 *elected to participate in the Survivor Benefit*
19 *Plan (for the same base amount specified in the*
20 *election) at the first opportunity that was af-*
21 *forded the member to participate under chapter*
22 *73 of title 10, United States Code;*

23 (B) *interest on the amounts by which the*
24 *retired pay of the person would have been so re-*
25 *duced, computed from the dates on which the re-*

1 *tired pay would have been so reduced at such*
2 *rate or rates and according to such methodology*
3 *as the Secretary of Defense determines reason-*
4 *able; and*

5 *(C) any additional amount that the Sec-*
6 *retary determines necessary to protect the actu-*
7 *arial soundness of the Department of Defense*
8 *Military Retirement Fund against any increased*
9 *risk for the fund that is associated with the elec-*
10 *tion.*

11 *(2) PREMIUMS TO BE CREDITED TO RETIREMENT*
12 *FUND.—Premiums paid under the regulations shall be*
13 *credited to the Department of Defense Military Re-*
14 *irement Fund.*

15 *(g) DEFINITIONS.—In this subsection:*

16 *(1) The term “Survivor Benefit Plan” means the*
17 *program established under subchapter II of chapter*
18 *73 of title 10, United States Code.*

19 *(2) The term “retired pay” includes retainer pay*
20 *paid under section 8330 of title 10, United States*
21 *Code.*

22 *(3) The terms “uniformed services” and “Sec-*
23 *retary concerned” have the meanings given those*
24 *terms in section 101 of title 37, United States Code.*

1 (4) *The term “Department of Defense Military*
2 *Retirement Fund” means the Department of Defense*
3 *Military Retirement Fund established under section*
4 *1461(a) of title 10, United States Code.*

5 **SEC. 625. STUDY AND REPORT ON MILITARY INSTALLA-**
6 **TIONS WITH LIMITED CHILD CARE.**

7 (a) *STUDY.—*

8 (1) *IN GENERAL.—The Secretary of Defense shall*
9 *conduct a study regarding child care at military in-*
10 *stallations of the covered Armed Forces—*

11 (A) *that are not served by a military child*
12 *development center; or*

13 (B) *where the military child development*
14 *center has few available spots.*

15 (2) *ELEMENTS.—The study shall identify the fol-*
16 *lowing with regards to each military installation de-*
17 *scribed in paragraph (1):*

18 (A) *The current and maximum possible en-*
19 *rollment at the military child development center*
20 *(if one exists).*

21 (B) *Plans of the Secretary to expand an ex-*
22 *isting, or construct a new, military child devel-*
23 *opment center.*

1 (C) *The resulting capacity of each military*
2 *child development center described in subpara-*
3 *graph (B).*

4 (D) *The median cost of services at accred-*
5 *ited child care facilities located near such mili-*
6 *tary installation compared to the amount of as-*
7 *istance provided by the Secretary of the mili-*
8 *tary department concerned to members for child*
9 *care services.*

10 (b) *REPORT.—Not later than one year after the date*
11 *of the enactment of this Act, the Secretary shall submit to*
12 *the congressional defense committees a report containing the*
13 *results of the study conducted under this section, including*
14 *any policy recommendations of the Secretary to address the*
15 *rising cost of child care near military installations and the*
16 *rates of child care fee assistance provided to members of*
17 *the covered Armed Forces.*

18 (c) *DEFINITIONS.—In this section:*

19 (1) *The term “covered Armed Force” means the*
20 *following:*

21 (A) *The Army.*

22 (B) *The Navy.*

23 (C) *The Marine Corps.*

24 (D) *The Air Force.*

25 (E) *The Space Force.*

1 (2) *The term “military child development cen-*
2 *ter” has the meaning given such term in section 1800*
3 *of title 10, United States Code.*

4 ***Subtitle D—Defense Resale Matters***

5 ***SEC. 631. PROHIBITION ON SALE OF CHINESE GOODS IN*** 6 ***COMMISSARY STORES AND MILITARY EX-*** 7 ***CHANGES.***

8 *The Secretary of Defense shall prohibit the sale, at a*
9 *commissary store or military exchange, of goods—*

- 10 (1) *manufactured in China;*
11 (2) *assembled in China; or*
12 (3) *imported into the United States from China.*

13 ***Subtitle E—Miscellaneous Rights,*** 14 ***Benefits, and Reports***

15 ***SEC. 641. TRANSITIONAL COMPENSATION AND BENEFITS*** 16 ***FOR THE FORMER SPOUSE OF A MEMBER OF*** 17 ***THE ARMED FORCES WHO ALLEGEDLY COM-*** 18 ***MITTED A DEPENDENT-ABUSE OFFENSE DUR-*** 19 ***ING MARRIAGE.***

20 (a) *IN GENERAL.—Section 1059 of title 10, United*
21 *States Code, is amended—*

- 22 (1) *in the heading—*
23 (A) *by striking “separated for” and in-*
24 *serting “who commit”; and*

1 (B) by inserting “; **health care**” after
2 “**exchange benefits**”;

3 (2) in subsection (b)—

4 (A) in the heading, by striking “PUNITIVE
5 AND OTHER ADVERSE ACTIONS COVERED” and
6 inserting “COVERED MEMBERS”;

7 (B) in paragraph (2), by striking “offense.”
8 and inserting “offense; or”; and

9 (C) by adding at the end the following new
10 paragraph:

11 “(3) who is not described in paragraph (1) or
12 (2) and whose former spouse alleges that the member
13 committed a dependent-abuse offense—

14 “(A) during the marriage to the former
15 spouse;

16 “(B) for which the applicable statute of lim-
17 itations has not lapsed; and

18 “(C) that an incident determination com-
19 mittee determines meets the criteria for abuse.”;

20 (3) in subsection (e)(1)—

21 (A) in subparagraph (A)(i), by striking “;
22 and” and inserting a semicolon;

23 (B) in subparagraph (B), by striking the
24 period at the end and inserting “; and”; and

1 (C) by adding at the end the following new
2 subparagraph:

3 “(C) in the case of a member described in sub-
4 section (b)(3), shall commence upon the date of the
5 final decree of divorce, dissolution, or annulment of
6 that member from the former spouse described in such
7 subsection.”; and

8 (4) by adding at the end the following new sub-
9 section:

10 “(n) *HEALTH CARE FOR CERTAIN FORMER*
11 *SPOUSES.—The Secretary concerned shall treat a former*
12 *spouse described in subsection (b)(3) as an abused depend-*
13 *ent described in section 1076(e) of this title.”.*

14 (b) *TECHNICAL AMENDMENT.—The table of sections at*
15 *the beginning of chapter 53 of such title is amended by*
16 *striking the item relating to section 1059 and inserting the*
17 *following:*

 “1059. *Dependents of members who commit dependent abuse: transitional com-*
 ensation; commissary and exchange benefits; health care.”.

18 (c) *EFFECTIVE DATE.—The amendments made by this*
19 *Act shall apply to a former spouse described in subsection*
20 *(b)(3) of such section 1059, as added by subsection (a)(2)*
21 *of this section, whose final decree of divorce, dissolution, or*
22 *annulment described in subsection (e)(1)(C) of such section*
23 *1059, as added by subsection (a)(3) of this section, is issued*
24 *on or after the date of the enactment of this Act.*

1 **SEC. 642. AUTHORIZATION OF PERMISSIVE TEMPORARY**
2 **DUTY FOR WELLNESS.**

3 *In order to reduce the rate of suicides in the Armed*
4 *Forces, the Secretary of each military department may pre-*
5 *scribe regulations that authorize a member of an Armed*
6 *Force under the jurisdiction of such Secretary to take not*
7 *more than two weeks of permissive temporary duty each*
8 *year to attend a seminar, retreat, workshop, or outdoor rec-*
9 *reational therapy event—*

- 10 (1) *hosted by a non-profit organization; and*
11 (2) *that focuses on psychological, physical, spir-*
12 *itual, or social wellness.*

13 **SEC. 643. STUDY ON BASIC PAY.**

14 (a) *IN GENERAL.—The Secretary of Defense shall seek*
15 *to enter into an agreement with a nonprofit entity or a*
16 *federally funded research and development center to conduct*
17 *research and analysis on the value of basic pay for members*
18 *of the Armed Forces. The Secretary may include such re-*
19 *search and analysis in the next quadrennial review of mili-*
20 *tary compensation.*

21 (b) *ELEMENTS.—The research and analysis conducted*
22 *under subsection (a) shall include the following:*

- 23 (1) *An assessment of the model used to determine*
24 *the basic pay in the current basic pay tables, includ-*
25 *ing—*

1 (A) an analysis of whether to update the
2 current model to meet the needs of the 2023 em-
3 ployment market;

4 (B) a historical understanding of when the
5 current model was established and how fre-
6 quently it has been during the last 10 years;

7 (C) an understanding of the assumptions on
8 which the model is based and how such assump-
9 tions are validated;

10 (D) an analysis of time-in-grade require-
11 ments and how they may affect retention and
12 promotion; and

13 (E) an assessment of how recruiting and re-
14 tention information is used to adjust the model.

15 (2) An assessment of whether to modify current
16 basic pay tables to consider higher rates of pay for
17 specialties the Secretary determines are in critical
18 need of personnel.

19 (3) An analysis of—

20 (A) how basic pay has compared with civil-
21 ian pay since the 70th percentile benchmark for
22 basic pay was established; and

23 (B) whether to change the 70th percentile
24 benchmark.

25 (4) An assessment of whether—

1 (A) to adjust the annual increase in basic
2 pay, currently guided by changes in the Employ-
3 ment Cost Index as a measure of the growth in
4 private-sector employment costs; or

5 (B) to use a different index, such as the De-
6 fense Employment Cost Index.

7 (5) Legislative and policy recommendations re-
8 garding basic pay table based on analyses and assess-
9 ments under paragraphs (1) through (4).

10 (c) *BRIEFINGS AND PROGRESS REPORT.*—

11 (1) *INTERIM BRIEFING.*—Not later than April 1,
12 2023, the Secretary shall provide to the appropriate
13 congressional committees an interim briefing on the
14 elements described in subsection (b).

15 (2) *PROGRESS REPORT.*—Not later than one
16 year after the date of the enactment of this Act, the
17 Secretary shall submit to the appropriate congress-
18 sional committees a progress report on the study
19 under this section.

20 (3) *FINAL BRIEFING.*—Not later than two years
21 after the date of the enactment of this Act, the Sec-
22 retary shall submit to the appropriate congressional
23 committees a final briefing on the study under this
24 section.

1 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
2 *FINED.*—*In this section, the term “appropriate congres-*
3 *sional committees” means the following:*

4 (1) *The Committee on Armed Services of the*
5 *House of Representatives.*

6 (2) *The Committee on Armed Services of the*
7 *Senate.*

8 (3) *The Committee on Transportation and Infra-*
9 *structure of the House of Representatives.*

10 (4) *The Committee on Commerce, Science, and*
11 *Transportation of the Senate.*

12 **SEC. 644. REPORT ON ACCURACY OF BASIC ALLOWANCE**
13 **FOR HOUSING.**

14 (a) *REPORT; ELEMENTS.*—*Not later than one year*
15 *after the date of the enactment of this Act, the Secretary*
16 *of Defense, in consultation with the Secretary of the depart-*
17 *ment in which the Coast Guard is operating, shall prepare*
18 *and submit to the appropriate congressional committees a*
19 *report on BAH. Such report shall contain the following ele-*
20 *ments:*

21 (1) *The evaluation of the Secretary—*

22 (A) *of the efficiency and accuracy of the*
23 *current system used to calculate BAH;*

24 (B) *the appropriateness of using mean and*
25 *median housing costs in such calculation;*

1 (C) of existing MHAs, in relation to choices
2 in, and availability of, housing to
3 servicemembers;

4 (D) of the suitability of the six standard
5 housing profiles in relation to the average family
6 sizes of servicemembers, disaggregated by uni-
7 formed service, rank, and MHA;

8 (E) of the flexibility of BAH to respond to
9 changes in real estate markets; and

10 (F) of residential real estate processes to de-
11 termine rental rates.

12 (2) *The recommendation of the Secretary—*

13 (A) regarding the feasibility of including
14 information, furnished by Federal entities, re-
15 garding school districts, in calculating BAH;

16 (B) whether to calculate BAH more fre-
17 quently, including in response to a sudden
18 change in the housing market;

19 (C) whether to enter into an agreement with
20 a covered entity, to compile data and develop an
21 enterprise grade, objective, data-driven algorithm
22 to calculate BAH;

23 (D) whether to publish the methods used by
24 the Secretary to calculate BAH on a publicly ac-

1 *cessible website of the Department of Defense;*
2 *and*

3 *(E) whether BAH calculations appro-*
4 *priately account for increased housing costs asso-*
5 *ciated with Coast Guard facilities.*

6 **(b) DEFINITIONS.—***In this section:*

7 *(1) The term “appropriate congressional com-*
8 *mittees” means the following:*

9 *(A) The Committee on Armed Services of*
10 *the House of Representatives.*

11 *(B) The Committee on Armed Services of*
12 *the Senate.*

13 *(C) The Committee on Transportation and*
14 *Infrastructure of the House of Representatives.*

15 *(D) The Committee on Commerce, Science,*
16 *and Transportation of the Senate.*

17 *(2) The term “BAH” means the basic allowance*
18 *for housing for members of the uniformed services*
19 *under section 403 of title 37, United States Code.*

20 *(3) The term “covered entity” means a nation-*
21 *ally recognized entity in the field of commercial real*
22 *estate that has data on local rental rates in real estate*
23 *markets across the United States.*

24 *(4) The term “MHA” means military housing*
25 *area.*

1 (5) *The term “servicemember” has the meaning*
2 *given such term in section 101 of the Servicemembers*
3 *Civil Relief Act (50 U.S.C. 3911).*

4 **SEC. 645. STUDY AND REPORT ON BARRIERS TO HOME**
5 **OWNERSHIP FOR MEMBERS OF THE ARMED**
6 **FORCES.**

7 (a) *IN GENERAL.—Not later than one year after the*
8 *date of the enactment of this Act, the Secretary of Defense*
9 *shall seek to enter into an agreement with a federally funded*
10 *research and development center or non-profit entity to con-*
11 *duct a study on the barriers to home ownership for members*
12 *of the Armed Forces. At the conclusion of such study, the*
13 *Secretary shall submit, to the appropriate congressional*
14 *committees, a report containing the following elements:*

15 (1) *Potential barriers to such home ownership,*
16 *including down payments, concerns about home*
17 *maintenance, and challenges in selling a home.*

18 (2) *The percentage of members who use the basic*
19 *allowance for housing to pay for a mortgage,*
20 *disaggregated by Armed Force, rank, and military*
21 *housing area.*

22 (3) *Any identified differences in home ownership*
23 *rates among members correlated with race or gender.*

24 (4) *What percentage of members own a home be-*
25 *fore separating from the Armed Forces.*

1 (b) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
2 *FINED.*—*In this section, the term “appropriate congres-*
3 *sional committees” means the following:*

4 (1) *The Committee on Armed Services of the*
5 *House of Representatives.*

6 (2) *The Committee on Armed Services of the*
7 *Senate.*

8 (3) *The Committee on Transportation and Infra-*
9 *structure of the House of Representatives.*

10 (4) *The Committee on Commerce, Science, and*
11 *Transportation of the Senate.*

12 ***TITLE VII—HEALTH CARE***
13 ***PROVISIONS***

14 ***Subtitle A—TRICARE and Other***
15 ***Health Care Benefits***

16 ***SEC. 701. CLARIFICATION OF COVERAGE OF ARTIFICIAL RE-***
17 ***PRODUCTIVE SERVICES FOR CERTAIN***
18 ***TRICARE BENEFICIARIES.***

19 *Section 1074(c)(4) of title 10, United States Code, is*
20 *amended by adding at the end the following new subpara-*
21 *graphs:*

22 “(C) *In providing for the coverage under this sub-*
23 *section of artificial reproductive services to any member of*
24 *a covered armed force who incurs a serious injury or illness*
25 *on active duty as specified in subparagraph (A), the Sec-*

1 *retary of Defense shall ensure that the coverage of such serv-*
2 *ices, including gamete donation and surrogacy services, is*
3 *provided without regard to whether the member is married*
4 *to a spouse of the same gender, married to a spouse of the*
5 *opposite gender, or unmarried.*

6 “(D) *In this paragraph, the term ‘covered armed force’*
7 *means the following:*

8 “(i) *The Army.*

9 “(ii) *The Navy.*

10 “(iii) *The Marine Corps.*

11 “(iv) *The Air Force.*

12 “(v) *The Space Force.*”.

13 **SEC. 702. CLARIFICATION OF COVERAGE OF CERTAIN**
14 **AREOLAR NIPPLE TATTOOING PROCEDURES**
15 **UNDER TRICARE PROGRAM.**

16 (a) *COVERAGE UNDER TRICARE PROGRAM.*—Section
17 *1079(a)(11)(A) of title 10, United States Code, is amended*
18 *by inserting “(including two-dimensional and three-dimen-*
19 *sional areolar nipple tattooing)” after “breast reconstruc-*
20 *tive surgery”.*

21 (b) *APPLICABILITY.*—*The amendments made by sub-*
22 *section (a) shall apply with respect to breast reconstructive*
23 *surgeries provided on or after the date of the enactment of*
24 *this Act.*

1 **SEC. 703. TRICARE DENTAL FOR SELECTED RESERVE.**

2 *Section 1076a of title 10, United States Code, is*
3 *amended—*

4 *(1) in subsection (a)—*

5 *(A) in paragraph (1)—*

6 *(i) in the header, by striking “selected*
7 *reserve and”; and*

8 *(ii) by striking “for members of the Se-*
9 *lected Reserve of the Ready Reserve and”;*

10 *(B) in paragraph (2), in the header, by in-*
11 *serting “individual ready” after “other”; and*

12 *(C) by adding at the end the following new*
13 *paragraph:*

14 *“(5) PLAN FOR SELECTED RESERVE.—A dental*
15 *benefits plan for members of the Selected Reserve of*
16 *the Ready Reserve.”;*

17 *(2) in subsection (d)—*

18 *(A) by redesignating paragraph (3) as*
19 *paragraph (4); and*

20 *(B) by inserting after paragraph (2) the fol-*
21 *lowing new paragraph:*

22 *“(3) NO PREMIUM PLANS.—(A) The dental in-*
23 *surance plan established under subsection (a)(5) is a*
24 *no premium plan.*

1 “(B) Members enrolled in a no premium plan
2 may not be charged a premium for benefits provided
3 under the plan.”;

4 (3) in subsection (e)(2)(A), by striking “a mem-
5 ber of the Selected Reserve of the Ready Reserve or”;

6 (4) by redesignating subsections (f) through (k)
7 as subsections (g) through (l), respectively;

8 (5) by inserting after subsection (e) the following
9 new subsection (f):

10 “(f) *COPAYMENTS UNDER NO PREMIUM PLANS.—A*
11 *member who receives dental care under a no premium plan*
12 *referred to in subsection (d)(3) shall pay no charge for any*
13 *care described in subsection (c).”; and*

14 (6) in subsection (i), as redesignated by para-
15 graph (4), by striking “subsection (k)(2)” and insert-
16 ing “subsection (l)(2)”.

17 **SEC. 704. REPORT REQUIREMENT FOR CERTAIN CON-**
18 **TRACTS UNDER TRICARE PROGRAM.**

19 (a) *GAO REPORT UPON AWARD OF CERTAIN CON-*
20 *TRACTS.—Chapter 55 of title 10, United States Code, is*
21 *amended by inserting after section 1097d the following new*
22 *section (and conforming the table of sections at the begin-*
23 *ning of such chapter accordingly):*

1 **“§ 1097e. TRICARE program: report requirement for**
2 ***certain contracts***

3 “(a) *GAO REPORT.*—Not later than 180 days after the
4 date on which the Secretary of Defense enters into a major
5 military health care contract, the Comptroller General of
6 the United States shall submit to the congressional defense
7 committees a report on the contract.

8 “(b) *MATTERS.*—Each report under subsection (a)
9 shall include, with respect to the contract for which the re-
10 port is submitted, a review of the process used in awarding
11 the contract.

12 “(c) *MAJOR MILITARY HEALTH CARE CONTRACT DE-*
13 *FINED.*—In this section, the term ‘major military health
14 care contract’ means a contract the Secretary determines
15 is a managed care support contract for the administration
16 of the TRICARE program (including the administration
17 of medical and dental care services under such program)
18 and is estimated by the Secretary to require an eventual
19 total expenditure of more than \$1,000,000,000.”.

20 “(b) *SUBMISSION OF CRITERIA TO CONGRESS.*—Not
21 later than 180 days after the date of the enactment of this
22 Act, the Secretary of Defense shall develop specific criteria
23 for the determination of a contract as a “major military
24 health care contract” pursuant to section 1097e(c) of title
25 10, United States Code, as added by subsection (a), and

1 *submit to the congressional defense committees a detailed*
2 *list of such criteria.*

3 **SEC. 705. TEMPORARY REQUIREMENT FOR CONTRACEP-**
4 **TION COVERAGE PARITY UNDER THE**
5 **TRICARE PROGRAM.**

6 *(a) IN GENERAL.—The Secretary of Defense shall en-*
7 *sure that, during the one-year period beginning on the date*
8 *that is 30 days after the date of the enactment of the Act,*
9 *the imposition or collection of cost-sharing for certain serv-*
10 *ices is prohibited as follows:*

11 *(1) PHARMACY BENEFITS PROGRAM.—Notwith-*
12 *standing subparagraphs (A), (B), and (C), of section*
13 *1074g(a)(6) of title 10, United States Code, cost-shar-*
14 *ing may not be imposed or collected with respect to*
15 *any eligible covered beneficiary for any prescription*
16 *contraceptive on the uniform formulary provided*
17 *through a retail pharmacy described in section*
18 *1074(a)(2)(E)(ii) of such title or through the national*
19 *mail-order pharmacy program of the TRICARE Pro-*
20 *gram.*

21 *(2) TRICARE SELECT.—Notwithstanding any*
22 *provision under section 1075 of title 10, United*
23 *States Code, cost-sharing may not be imposed or col-*
24 *lected with respect to any beneficiary under such sec-*

1 *tion for a covered service that is provided by a net-*
2 *work provider under the TRICARE program.*

3 (3) *TRICARE PRIME.*—*Notwithstanding sub-*
4 *sections (a), (b), and (c) of section 1075a of title 10,*
5 *United States Code, cost-sharing may not be imposed*
6 *or collected with respect to any beneficiary under such*
7 *section for a covered service that is provided under*
8 *TRICARE Prime.*

9 (b) *DEFINITIONS.*—*In this section:*

10 (1) *The term “covered service” means any meth-*
11 *od of contraception approved by the Food and Drug*
12 *Administration, any contraceptive care (including*
13 *with respect to insertion, removal, and follow up),*
14 *any sterilization procedure, or any patient education*
15 *or counseling service provided in connection with any*
16 *such method, care, or procedure.*

17 (2) *The term “eligible covered beneficiary” has*
18 *the meaning given such term in section 1074g of title*
19 *10, United States Code.*

20 (3) *The terms “TRICARE Program” and*
21 *“TRICARE Prime” have the meaning given such*
22 *terms in section 1072 of title 10, United States Code.*

1 **SEC. 706. RATES OF REIMBURSEMENT FOR PROVIDERS OF**
2 **APPLIED BEHAVIOR ANALYSIS.**

3 (a) *IN GENERAL.*—*In furnishing applied behavior*
4 *analysis under the TRICARE program to individuals de-*
5 *scribed in subsection (b) during the period beginning on*
6 *the date of the enactment of this Act and ending on Decem-*
7 *ber 31, 2023, the Secretary of Defense shall ensure that the*
8 *reimbursement rates for providers of applied behavior anal-*
9 *ysis are not less than the rates that were in effect on April*
10 *30, 2022.*

11 (b) *INDIVIDUALS DESCRIBED.*—*Individuals described*
12 *in this subsection are individuals who are covered bene-*
13 *ficiaries by reason of being a member or former member*
14 *of the Army, Navy, Air Force, Space Force, or Marine*
15 *Corps, including the reserve components thereof, or a de-*
16 *pendent of such a member or former member.*

17 (c) *DEFINITIONS.*—*In this section, the terms “covered*
18 *beneficiary” and “TRICARE program” have the meaning*
19 *given those terms in section 1072 of title 10, United States*
20 *Code.*

21 **SEC. 707. MEDICAL TESTING AND RELATED SERVICES FOR**
22 **FIREFIGHTERS OF DEPARTMENT OF DE-**
23 **FENSE.**

24 (a) *PROVISION OF SERVICES.*—*During the annual*
25 *periodic health assessment of each firefighter of the Depart-*
26 *ment of Defense, or at such other intervals as may be indi-*

1 cated in this subsection, the Secretary shall provide to the
2 firefighter (at no cost to the firefighter) appropriate medical
3 testing and related services to detect, document the presence
4 or absence of, and prevent, certain cancers. Such services
5 shall meet, at a minimum, the following criteria:

6 (1) *BREAST CANCER.*—With respect to the breast
7 cancer screening, if the firefighter is a female fire-
8 fighter—

9 (A) such services shall include the provision
10 of a mammogram to the firefighter—

11 (i) on at least a biannual basis if the
12 firefighter is 40 years old to 49 years old
13 (inclusive);

14 (ii) on at least an annual basis if the
15 firefighter is at least 50 years old; and

16 (iii) as clinically indicated (without
17 regard to age); and

18 (B) in connection with such provision, a li-
19 censed radiologist shall review the most recent
20 mammogram provided to the firefighter, as com-
21 pared to prior mammograms so provided, and
22 provide to the firefighter the results of such re-
23 view.

24 (2) *COLON CANCER.*—With respect to colon can-
25 cer screening—

1 (A) if the firefighter is at least 40 years old,
2 and as otherwise clinically indicated, such serv-
3 ices shall include the communication to the fire-
4 fighter of the risks and benefits of stool-based
5 blood testing;

6 (B) if the firefighter is at least 45 years old,
7 and as clinically indicated (without regard to
8 age), such services shall include the provision, at
9 regular intervals, of visual examinations (such
10 as a colonoscopy, CT colonoscopy, or flexible
11 sigmoidoscopy) or stool-based blood testing; and

12 (C) in connection with such provision, a li-
13 censed physician shall review and provide to the
14 firefighter the results of such examination or test-
15 ing, as the case may be.

16 (3) *PROSTATE CANCER.*—With respect to prostate
17 cancer screening, if the firefighter is a male fire-
18 fighter, the communication to the firefighter of the
19 risks and benefits of prostate cancer screenings and
20 the provision to the firefighter of a prostate-specific
21 antigen test—

22 (A) on an annual basis, if the firefighter is
23 at least 50 years old;

1 (B) on an annual basis, if the firefighter is
2 at least 40 years old and is a high-risk indi-
3 vidual; and

4 (C) as clinically indicated (without regard
5 to age).

6 (4) *OTHER CANCERS.*—Such services shall in-
7 clude routine screenings for any other cancer the risk
8 or occurrence of which the Director of the Centers for
9 Disease Control and Prevention has identified as
10 higher among firefighters than among the general
11 public, the provision of which shall be carried out
12 during the annual periodic health assessment of the
13 firefighter.

14 (b) *OPTIONAL NATURE.*—A firefighter of the Depart-
15 ment of Defense may opt out of the receipt of a medical
16 testing or related service provided under subsection (a).

17 (c) *USE OF CONSENSUS TECHNICAL STANDARDS.*—In
18 providing medical testing and related services under sub-
19 section (a), the Secretary shall use consensus technical
20 standards in accordance with section 12(d) of the National
21 Technology Transfer and Advancement Act of 1995 (15
22 U.S.C. 272 note).

23 (d) *DOCUMENTATION.*—

1 (1) *IN GENERAL.*—*In providing medical testing*
2 *and related services under subsection (a), the Sec-*
3 *retary—*

4 (A) *shall document the acceptance rates of*
5 *such tests offered and the rates of such tests per-*
6 *formed;*

7 (B) *shall document tests results, to identify*
8 *trends in the rates of cancer occurrences among*
9 *firefighters; and*

10 (C) *may collect and maintain additional*
11 *information from the recipients of such tests and*
12 *other services, to allow for appropriate scientific*
13 *analysis.*

14 (2) *PRIVACY.*—*In analyzing any information of*
15 *an individual documented, collected, or maintained*
16 *under paragraph (1), in addition to complying with*
17 *other applicable privacy laws, the Secretary shall en-*
18 *sure the name, and any other personally identifiable*
19 *information, of the individual is removed from such*
20 *information prior to the analysis.*

21 (3) *SHARING WITH CENTERS FOR DISEASE CON-*
22 *TROL AND PREVENTION.*—*The Secretary may share*
23 *data from any tests performed under subsection (a)*
24 *with the Director of the Centers for Disease Control*
25 *and Prevention, as appropriate, to increase the*

1 *knowledge and understanding of cancer occurrences*
2 *among firefighters.*

3 *(e) DEFINITIONS.—In this section:*

4 *(1) The term “firefighter” has the meaning given*
5 *that term in section 707 of the National Defense Au-*
6 *thorization Act for Fiscal Year 2020 (Public Law*
7 *116–92; 133 Stat. 1441; 10 U.S.C. 1074m note).*

8 *(2) The term “high-risk individual” means an*
9 *individual who—*

10 *(A) is African American;*

11 *(B) has at least one first-degree relative who*
12 *has been diagnosed with prostate cancer at an*
13 *early age; or*

14 *(C) is otherwise determined by the Sec-*
15 *retary to be high-risk with respect to prostate*
16 *cancer.*

17 **SEC. 708. AUDIT OF BEHAVIORAL HEALTH CARE NETWORK**

18 **PROVIDERS LISTED IN TRICARE DIRECTORY.**

19 *(a) AUDIT REQUIRED.—The Secretary of Defense shall*
20 *conduct an audit of the behavioral health care providers*
21 *listed in the TRICARE directory.*

22 *(b) REPORT.—Not later than one year after the date*
23 *of the enactment of this Act, the Secretary shall submit to*
24 *the congressional defense committees a report on the find-*

1 *ings of the audit under subsection (a). Such report shall*
2 *include the following:*

3 *(1) An identification of the following,*
4 *disaggregated by provider specialty and TRICARE*
5 *region:*

6 *(A) The number of such behavioral health*
7 *care providers with respect to which there are*
8 *duplicate listings in the TRICARE directory.*

9 *(B) The number of such behavioral health*
10 *care providers that, as of the commencement of*
11 *the audit, were listed in the TRICARE directory*
12 *as available and accepting new TRICARE pa-*
13 *tients.*

14 *(C) The number of such behavioral health*
15 *care providers that, as a result of the audit, the*
16 *Secretary determines are no longer available or*
17 *accepting new TRICARE patients.*

18 *(D) The number of such behavioral health*
19 *care providers that were not previously listed in*
20 *the TRICARE directory as available and accept-*
21 *ing new TRICARE patients but that, as a result*
22 *of the audit, the Secretary determines are so*
23 *available and accepting.*

1 (E) *The number of behavioral health care*
2 *providers listed in the TRICARE directory that*
3 *are no longer practicing.*

4 (F) *The number of behavioral health care*
5 *providers that, in conducting the audit, the Sec-*
6 *retary of Defense could not reach for purposes of*
7 *verifying information relating to availability or*
8 *status.*

9 (2) *An identification of the number of TRICARE*
10 *beneficiaries in each TRICARE region, disaggregated*
11 *by beneficiary category.*

12 (3) *A description of the methods by which the*
13 *Secretary measures the following:*

14 (A) *The accessibility and accuracy of the*
15 *TRICARE directory, with respect to behavioral*
16 *health care providers listed therein.*

17 (B) *The adequacy of behavioral health care*
18 *providers under the TRICARE program.*

19 (4) *A description of the efforts of the Secretary*
20 *to recruit and retain behavioral health care providers.*

21 (5) *Recommendations by the Secretary, based on*
22 *the findings of the audit, on how to improve the*
23 *availability of behavioral health care providers that*
24 *are network providers under the TRICARE program,*

1 *including through the inclusion of specific require-*
2 *ments in the next generation of TRICARE contracts.*

3 *(c) DEFINITIONS.—In this section:*

4 *(1) The term “TRICARE directory” means the*
5 *directory of network providers under the TRICARE*
6 *program.*

7 *(2) The term “TRICARE program” has the*
8 *meaning given such term in section 1072 of title 10,*
9 *United States Code.*

10 **SEC. 709. INDEPENDENT ANALYSIS OF QUALITY AND PA-**
11 **TIENT SAFETY REVIEW PROCESS UNDER DI-**
12 **RECT CARE COMPONENT OF TRICARE PRO-**
13 **GRAM.**

14 *(a) AGREEMENT.—*

15 *(1) IN GENERAL.—The Secretary of Defense shall*
16 *seek to enter into an agreement with the National*
17 *Academies of Sciences, Engineering, and Medicine (in*
18 *this section referred to as the “National Academies”)*
19 *for the National Academies to carry out the activities*
20 *described in subsections (b) and (c).*

21 *(2) TIMING.—The Secretary shall seek to enter*
22 *into the agreement described in paragraph (1) not*
23 *later than 60 days after the date of the enactment of*
24 *this Act.*

25 *(b) ANALYSIS BY THE NATIONAL ACADEMIES.—*

1 (1) *ANALYSIS.*—Under an agreement between the
2 Secretary and the National Academies entered into
3 pursuant to subsection (a), the National Academies
4 shall conduct an analysis of the quality and patient
5 safety review process for health care provided under
6 the direct care component of the TRICARE program
7 and develop recommendations for the Secretary based
8 on such analysis.

9 (2) *ELEMENTS.*—The analysis conducted and
10 recommendations developed under paragraph (1) shall
11 include, with respect to the direct care component, the
12 following:

13 (A) An assessment of the procedures under
14 such component regarding credentialing and
15 privileging for health care providers (and an as-
16 sessment of compliance with such procedures).

17 (B) An assessment of the processes under
18 such component for quality assurance, standard
19 of care, and incident review (and an assessment
20 of compliance with such processes).

21 (C) An assessment of the accountability
22 processes under such component for health care
23 providers who are found to have not met a re-
24 quired standard of care.

25 (3) *INFORMATION ACCESS AND PRIVACY.*—

1 (A) *ACCESS TO RECORDS.*—*Notwith-*
2 *standing section 1102 of title 10, United States*
3 *Code, the Secretary shall provide the National*
4 *Academies with access to such records of the De-*
5 *partment of Defense as the Secretary may deter-*
6 *mine necessary for purposes of the National*
7 *Academies conducting the analysis and devel-*
8 *oping the recommendations under paragraph*
9 *(1).*

10 (B) *PRIVACY OF INFORMATION.*—*In con-*
11 *ducting the analysis and developing the rec-*
12 *ommendations under paragraph (1), the Na-*
13 *tional Academies—*

14 (i) *shall maintain any personally*
15 *identifiable information in records accessed*
16 *by the National Academies pursuant to sub-*
17 *paragraph (A) in accordance with applica-*
18 *ble laws, protections, and best practices re-*
19 *garding the privacy of information; and*

20 (ii) *may not permit access to such in-*
21 *formation by any individual or entity not*
22 *engaged in conducting such analysis or de-*
23 *veloping such recommendations.*

24 (c) *REPORT.*—*Under an agreement entered into be-*
25 *tween the Secretary and the National Academies under sub-*

1 *section (a), the National Academies, not later than one year*
2 *after the date of the execution of the agreement, shall—*

3 *(1) submit to the congressional defense commit-*
4 *tees and (with respect to any findings concerning the*
5 *Coast Guard when it is not operating as a service in*
6 *the Department of the Navy) the Committee on*
7 *Transportation and Infrastructure of the House of*
8 *Representatives and the Committee on Commerce,*
9 *Science, and Transportation of the Senate a report on*
10 *the findings of the National Academies with respect to*
11 *the analysis conducted and recommendations devel-*
12 *oped under subsection (b); and*

13 *(2) make such report available on a public*
14 *website in unclassified form.*

15 *(d) TRICARE PROGRAM DEFINED.—In this section,*
16 *the term “TRICARE program” has the meaning given such*
17 *term in section 1072 of title 10, United States Code.*

18 ***Subtitle B—Health Care***

19 ***Administration***

20 ***SEC. 721. CONGRESSIONAL NOTIFICATION REQUIREMENT***
21 ***TO MODIFY SCOPE OF SERVICES PROVIDED***
22 ***AT MILITARY MEDICAL TREATMENT FACILI-***
23 ***TIES.***

24 *Section 1073c(a) of title 10, United States Code, is*
25 *amended by adding at the end the following new paragraph:*

1 “(7)(A) *The Secretary of Defense may not modify the*
2 *scope of medical care provided at a military medical treat-*
3 *ment facility pursuant to paragraph (2)(C) (including by*
4 *modifying the staff, types of services available, or bene-*
5 *ficiary population served, at the facility), unless—*

6 “(i) *the Secretary submits to the Committees on*
7 *Armed Services of the House of Representatives and*
8 *the Senate a notification of the proposed modification*
9 *in scope;*

10 “(ii) *a period of 180 days has elapsed following*
11 *the date on which the Secretary submits such notifica-*
12 *tion; and*

13 “(iii) *if the proposed modification in scope in-*
14 *volves the termination or reduction of inpatient capa-*
15 *bilities at a military medical treatment facility lo-*
16 *cated outside the United States, the Secretary has*
17 *provided to each member of the armed forces or cov-*
18 *ered beneficiary receiving services at such facility a*
19 *transition plan for the continuity of health care for*
20 *such member or covered beneficiary and an oppor-*
21 *tunity to participate in at least two public forums*
22 *convened by the Secretary, to discuss the transition*
23 *plan and any related concerns.*

24 “(B) *Each notification under subparagraph (A) shall*
25 *contain information demonstrating, with respect to the*

1 *military medical treatment facility for which the modifica-*
2 *tion in scope has been proposed, the extent to which the*
3 *commander of the military installation at which the facility*
4 *is located has been consulted regarding such modification,*
5 *to ensure that the proposed modification in scope would*
6 *have no impact on the operational plan for such installa-*
7 *tion.”.*

8 **SEC. 722. MODIFICATION OF CERTAIN DEADLINE AND RE-**
9 **QUIREMENT TO TRANSFER RESEARCH AND**
10 **DEVELOPMENT FUNCTIONS TO DEFENSE**
11 **HEALTH AGENCY.**

12 *Section 1073c of title 10, United States Code, is*
13 *amended—*

14 *(1) in subsection (e)—*

15 *(A) in the matter preceding paragraph (1),*
16 *by striking “September 30, 2022” and inserting*
17 *“September 30, 2023”; and*

18 *(B) in paragraph (1)(B), by striking “the*
19 *Army Medical Research and Materiel Com-*
20 *mand” and inserting “such elements and func-*
21 *tions of the Army Medical Research and Materiel*
22 *Command as the Secretary determines appro-*
23 *priate”;*

24 *(2) by redesignating subsections (g) and (h) as*
25 *subsections (h) and (i); and*

1 (3) by inserting after subsection (f) the following
2 new subsection:

3 “(g) *REPORT REQUIREMENT.*—*The Secretary of De-*
4 *fense may not take any action to exclude an element or*
5 *function of the Army Medical Research and Materiel Com-*
6 *mand from organization under or transfer to the Defense*
7 *Health Agency Research and Development pursuant to a*
8 *determination referred to in subsection (e)(1)(B) unless—*

9 “(1) *the Secretary submits to the Committees on*
10 *Armed Services of the House of Representatives and*
11 *the Senate a report containing an explanation of the*
12 *determination and a plan for the proposed exclusion;*
13 *and*

14 “(2) *a period of 90 days has elapsed following*
15 *the date on which the Secretary submits such report.*”.

16 **SEC. 723. MODIFICATION OF REQUIREMENT TO TRANSFER**
17 **PUBLIC HEALTH FUNCTIONS TO DEFENSE**
18 **HEALTH AGENCY.**

19 Section 1073c(e)(2) of title 10, United States Code, is
20 amended—

21 (1) *in the matter preceding subparagraph (A),*
22 *by striking “A subordinate” and inserting “(A) A*
23 *subordinate”;*

24 (2) *by redesignating subparagraphs (A) and (B)*
25 *as clauses (i) and (ii);*

1 (3) *in clause (ii), as so redesignated—*

2 (A) *by striking “comprised of” and insert-*
3 *ing “except as provided in subparagraph (B),*
4 *comprised of”; and*

5 (B) *by striking “Command” each place it*
6 *appears and inserting “Center”; and*

7 (4) *by adding at the end the following new sub-*
8 *paragraph:*

9 “(B) *At the discretion of the Secretary of De-*
10 *fense, the Secretary of a military department may re-*
11 *tain an element or function that would otherwise be*
12 *organized under or transferred to the Defense Health*
13 *Agency Public Health pursuant to subparagraph*
14 *(A)(ii) if the Secretary of Defense determines such ele-*
15 *ment or function—*

16 “(i) *addresses a need that is unique to that*
17 *military department; and*

18 “(ii) *is in direct support of operating forces*
19 *and necessary to implement national security or*
20 *defense strategies.*

21 “(C) *The Secretary of a military department*
22 *may not take any action to retain an element or*
23 *function pursuant to a determination by the Sec-*
24 *retary of Defense referred to in subparagraph (B) un-*
25 *less—*

1 “(i) the Secretary of Defense submits to the
2 Committees on Armed Services of the House of
3 Representatives and the Senate a report con-
4 taining an explanation of such determination
5 and a plan for the proposed retention; and

6 “(ii) a period of 90 days has elapsed fol-
7 lowing the date on which the Secretary submits
8 such report.”.

9 **SEC. 724. OTHER TRANSACTION AUTHORITY FOR STUDIES**
10 **AND DEMONSTRATION PROJECTS RELATING**
11 **TO DELIVERY OF HEALTH AND MEDICAL**
12 **CARE.**

13 Section 1092(b) of title 10, United States Code, is
14 amended by inserting “or transactions (other than con-
15 tracts, cooperative agreements, and grants)” after “con-
16 tracts”.

17 **SEC. 725. LICENSURE REQUIREMENT FOR CERTAIN**
18 **HEALTH-CARE PROFESSIONALS PROVIDING**
19 **SERVICES AS PART OF MISSION RELATING TO**
20 **EMERGENCY, HUMANITARIAN, OR REFUGEE**
21 **ASSISTANCE.**

22 Section 1094(d)(2) of title 10, United States Code, is
23 amended by inserting “contractor not covered under section
24 1091 of this title who is providing medical treatment as

1 *part of a mission relating to emergency, humanitarian, or*
2 *refugee assistance,” after “section 1091 of this title,”.*

3 **SEC. 726. IMPROVEMENTS RELATING TO MEDICAL OFFICER**
4 **OF THE MARINE CORPS POSITION.**

5 *(a) IN GENERAL.—Chapter 806 of title 10, United*
6 *States Code, is amended by adding at the end the following*
7 *new section (and conforming the table of sections at the be-*
8 *ginning of such chapter accordingly):*

9 **“§ 8048. Medical Officer of the Marine Corps**

10 *“(a) There is a Medical Officer of the Marine Corps*
11 *who shall be appointed from among flag officers of the*
12 *Navy.*

13 *“(b) The Medical Officer of the Marine Corps, while*
14 *so serving, shall hold the grade of rear admiral (lower*
15 *half).”.*

16 *(b) EXCLUSION FROM CERTAIN DISTRIBUTION LIM-*
17 *TATIONS.—Section 525 of such title is amended—*

18 *(1) by redesignating subsection (g) as subsection*
19 *(h); and*

20 *(2) by inserting after subsection (f) the following*
21 *new subsection:*

22 *“(g) A naval officer while serving as the Medical Offi-*
23 *cer of the Marine Corps is in addition to the number that*
24 *would otherwise be permitted for the Navy for officers serv-*

1 *ing on active duty in the grade of rear admiral (lower half)*
2 *under subsection (a).”.*

3 *(c) EXCLUSION FROM ACTIVE DUTY STRENGTH LIM-*
4 *TATIONS PRIOR TO DECEMBER 31, 2022.—Section 526 of*
5 *such title is amended—*

6 *(1) by redesignating subsection (k) as subsection*
7 *(l); and*

8 *(2) by inserting after subsection (j) the following*
9 *new subsection:*

10 *“(k) EXCLUSION OF MEDICAL OFFICER OF MARINE*
11 *CORPS.—The limitations of this section do not apply to the*
12 *flag officer who is serving as the Medical Officer of the Ma-*
13 *rine Corps.”.*

14 *(d) EXCLUSION FROM ACTIVE DUTY STRENGTH LIM-*
15 *TATIONS AFTER DECEMBER 31, 2022.—Section 526a of*
16 *such title is amended—*

17 *(1) by redesignating subsections (h) through (k)*
18 *as subsections (i) through (l), respectively; and*

19 *(2) by inserting after subsection (g) the following*
20 *new subsection:*

21 *“(h) EXCLUSION OF MEDICAL OFFICER OF MARINE*
22 *CORPS.—The limitations of this section do not apply to the*
23 *flag officer who is serving as the Medical Officer of the Ma-*
24 *rine Corps.”.*

1 **SEC. 727. AUTHORITY FOR DEPARTMENT OF DEFENSE PRO-**
2 **GRAM TO PROMOTE EARLY LITERACY AMONG**
3 **CERTAIN YOUNG CHILDREN AS PART OF PE-**
4 **DIATRIC PRIMARY CARE.**

5 (a) *PROGRAM.*—Chapter 55 of title 10, United States
6 Code, is amended by inserting after section 1109 the fol-
7 lowing new section (and conforming the table of sections
8 at the beginning of such chapter accordingly):

9 **“§ 1109A. Authority for program to promote early lit-**
10 **eracy among certain young children as**
11 **part of pediatric primary care**

12 “(a) *AUTHORITY.*—The Secretary of Defense may
13 carry out a program to promote early literacy among young
14 children the caregivers of whom are members of the armed
15 forces as part of the pediatric primary care of such children.

16 “(b) *ACTIVITIES.*—Activities under the program under
17 subsection (a) shall be evidence-informed and include the
18 following:

19 “(1) *The provision to pediatric primary care*
20 *providers and other appropriate personnel of the De-*
21 *partment of training on early literacy promotion.*

22 “(2) *The purchase and distribution of age-appro-*
23 *prate books to covered caregivers.*

24 “(3) *The modification of waiting rooms in mili-*
25 *tary medical treatment facilities, including in specific*
26 *clinics within such facilities, to ensure such waiting*

1 *rooms include materials that reinforce language-rich*
2 *interactions between young children and their covered*
3 *caregivers, including a full selection of literature for*
4 *young children.*

5 *“(4) The dissemination to covered caregivers of*
6 *education materials on pediatric early literacy.*

7 *“(5) Such other activities as the Secretary deter-*
8 *mines appropriate.*

9 *“(c) LOCATIONS.—In carrying out the program under*
10 *subsection (a), the Secretary may conduct the activities*
11 *under subsection (b) at any military medical treatment fa-*
12 *cility.*

13 *“(d) DEFINITIONS.—In this section:*

14 *“(1) The term ‘covered caregiver’ means a mem-*
15 *ber of the armed forces who is a caregiver of a young*
16 *child.*

17 *“(2) The term ‘young child’ means any child*
18 *from birth to the age of five years old, inclusive.”.*

19 *(b) REPORT.—Not later than one year after the date*
20 *of the enactment of this Act, the Secretary of Defense shall*
21 *submit to the Committees on Armed Services of the House*
22 *of Representatives and the Senate a report on the extent*
23 *to which the authority under section 1109A(a) of title 10,*
24 *United States Code, (as added by subsection (a)) is used,*

1 *including a description of any activities carried out under*
2 *the program so authorized.*

3 (c) *RULE OF CONSTRUCTION.*—*Nothing in this section,*
4 *or the amendments made by this section, shall be construed*
5 *as requiring that a child have more than one caregiver as*
6 *a condition of receiving services under, or otherwise partici-*
7 *pating in, the program authorized under such section*
8 *1109A.*

9 **SEC. 728. ACCOUNTABILITY FOR WOUNDED WARRIORS UN-**
10 **DERGOING DISABILITY EVALUATION.**

11 (a) *IN GENERAL.*—*Not later than April 1, 2023, the*
12 *Secretary of Defense, in consultation with the Secretaries*
13 *concerned, shall establish a policy to ensure accountability*
14 *for actions taken under the authorities of the Defense Health*
15 *Agency and the Armed Forces, respectively, concerning*
16 *wounded, ill, and injured members of the Armed Forces*
17 *during the integrated disability evaluation system process.*
18 *Such policy shall include the following:*

19 (1) *A requirement that a determination of fitness*
20 *for duty under chapter 61 of title 10, United States*
21 *Code, of a member of the Armed Forces falls under the*
22 *jurisdiction of the Secretary concerned.*

23 (2) *A description of the role of the Director of the*
24 *Defense Health Organization in supporting the Secre-*

1 *taries concerned in carrying out determinations of*
2 *fitness for duty as specified in paragraph (1).*

3 *(3) A requirement that a medical evaluation*
4 *provided under the authority of the Defense Health*
5 *Agency under section 1073c of title 10, United States*
6 *Code, shall comply with applicable law and Depart-*
7 *ment of Defense regulations and shall be considered*
8 *by the Secretary concerned in determining fitness for*
9 *duty under such chapter.*

10 *(4) A description of how the Director of the De-*
11 *fense Health Agency adheres to the medical evaluation*
12 *processes of the Armed Forces, including an identi-*
13 *fication of each applicable regulation or policy the*
14 *Director is required to adhere to.*

15 *(5) A requirement that wounded, ill, and injured*
16 *members of the Armed Forces shall not be denied the*
17 *protections, privileges, or right to due process afforded*
18 *under applicable law and regulations of the Depart-*
19 *ment of Defense and the Armed Forces.*

20 *(6) A description of the types of due process pro-*
21 *tections, privileges, and rights afforded to members of*
22 *the Armed Forces pursuant to paragraph (5), includ-*
23 *ing an identification of each such due process protec-*
24 *tion.*

1 **(b) CLARIFICATION OF RESPONSIBILITIES REGARDING**
2 **MEDICAL EVALUATION BOARDS.**—*Section 1073c of title 10,*
3 *United States Code, is amended by redesignating subsection*
4 *(h) as subsection (i); and by inserting after subsection (g)*
5 *the following new subsection (h):*

6 **“(h) AUTHORITIES RESERVED TO THE SECRETARIES**
7 **CONCERNED REGARDING THE DISABILITY EVALUATION**
8 **SYSTEM.**—*Notwithstanding the responsibilities and au-*
9 *thorities of the Defense Health Agency with respect to the*
10 *administration of military medical treatment facilities as*
11 *set forth in this section, including medical evaluations of*
12 *members of the armed forces, the Secretary concerned shall*
13 *maintain personnel authority over and responsibility for*
14 *any member of the armed forces while the member is being*
15 *considered by a medical evaluation board. Such responsi-*
16 *bility shall include the following:*

17 **“(1) Responsibility for administering the morale**
18 **and welfare of the member.**

19 **“(2) Responsibility for determinations of fitness**
20 **for duty of the member under chapter 61 of this**
21 **title.”.**

22 **(c) BRIEFING.**—*Not later than February 1, 2023, the*
23 *Secretary of Defense shall provide to the appropriate con-*
24 *gressional committees a briefing on the status of the imple-*
25 *mentation of subsections (a) and (b).*

1 (d) *DEFINITIONS.—In this section:*

2 (1) *The term “appropriate congressional com-*
3 *mittees” means—*

4 (A) *the Committee on Armed Services and*
5 *the Committee on Transportation and Infra-*
6 *structure of the House of Representatives; and*

7 (B) *the Committee on Armed Services and*
8 *the Committee on Commerce, Science, and*
9 *Transportation of the Senate.*

10 (2) *The term “Secretary concerned” has the*
11 *meaning given that term in section 101 of title 10,*
12 *United States Code.*

13 **SEC. 729. INCENTIVE PAYMENTS FOR RETENTION OF CER-**
14 **TAIN BEHAVIORAL HEALTH PROVIDERS.**

15 (a) *INCENTIVE PAYMENTS FOR CERTAIN BEHAVIORAL*
16 *HEALTH PROVIDERS.—*

17 (1) *INCENTIVE PAYMENTS.—The Secretary of De-*
18 *fense, using authorities available to the Secretary,*
19 *shall increase the use of incentive payments paid to*
20 *individuals described in paragraph (2) for the pur-*
21 *pose of retaining such employees.*

22 (2) *ELIGIBLE RECIPIENTS.—Individuals de-*
23 *scribed in this paragraph are covered civilian behav-*
24 *ioral health providers in the following professions:*

25 (A) *Clinical psychologists.*

1 (B) *Social workers.*

2 (C) *Counselors.*

3 (3) *PRIORITIZATION.—In increasing the use of*
4 *incentive payments under paragraph (1), the Sec-*
5 *retary of Defense shall give priority for such an in-*
6 *centive payment to an individual described in para-*
7 *graph (2) who is stationed at a remote installation or*
8 *an installation with a higher-than-average turnover*
9 *of covered civilian behavioral health providers, as de-*
10 *termined by the Secretary.*

11 (4) *REPORTS.—Not later than February 1 of*
12 *each of calendar years 2023, 2024, 2025, and 2026,*
13 *the Secretary of Defense shall submit to the congres-*
14 *sional defense committees a report that includes the*
15 *following:*

16 (A) *The number of covered civilian behav-*
17 *ioral health providers as of the end of the fiscal*
18 *year preceding the year in which the report is*
19 *submitted, disaggregated by the professions speci-*
20 *fied in paragraph (2) and by whether the covered*
21 *civilian behavioral health provider is stationed*
22 *at a remote installation.*

23 (B) *Of such covered civilian behavioral*
24 *health providers, the number who, during such*
25 *preceding fiscal year, received an incentive pay-*

1 *ment referred to in paragraph (1), disaggregated*
2 *by the professions specified in paragraph (2) and*
3 *by whether the covered civilian behavioral health*
4 *provider is stationed at a remote installation.*

5 *(C) With respect to such covered civilian be-*
6 *havioral health providers who so received an in-*
7 *centive payment, the median and mean incentive*
8 *payment amount so received, disaggregated by*
9 *the professions specified in paragraph (2) and by*
10 *whether the covered civilian behavioral health*
11 *provider is stationed at a remote installations.*

12 *(D) For the five fiscal years preceding the*
13 *year in which the report is submitted, the aggre-*
14 *gate amount of incentive payments referred to in*
15 *paragraph (1) paid to covered civilian behav-*
16 *ioral health providers.*

17 *(E) A summary of the actions taken by the*
18 *Secretary to implement the requirements of this*
19 *section.*

20 *(F) An assessment of the effectiveness of in-*
21 *creasing the use of incentive payments under*
22 *paragraph (1) for improved retention of covered*
23 *civilian behavioral health providers.*

24 *(G) Any recommendations by the Secretary*
25 *for additional authorities, or modifications to*

1 *authorities already available to the Secretary, to*
2 *further improve the retention of covered civilian*
3 *behavioral health providers.*

4 *(b) DEFINITIONS.—In this section:*

5 *(1) The term “behavioral health” includes clin-*
6 *ical psychology, social work, counseling, and related*
7 *fields.*

8 *(2) The term “civilian behavioral health pro-*
9 *vider” means a behavioral health provider who is a*
10 *civilian employee of the Department of Defense.*

11 *(3) The term “counselor” means an individual*
12 *who holds—*

13 *(A) a master’s or doctoral degree from an*
14 *accredited graduate program in—*

15 *(i) marriage and family therapy; or*

16 *(ii) clinical mental health counseling;*

17 *and*

18 *(B) a current license or certification from a*
19 *State that grants the individual the authority to*
20 *provide counseling services as an independent*
21 *practitioner in the respective field of the indi-*
22 *vidual.*

23 *(4) The term “covered civilian behavioral health*
24 *provider” means a civilian behavioral health provider*
25 *whose employment by the Secretary of Defense in-*

1 *volves the provision of behavioral health services at a*
2 *military medical treatment facility.*

3 (5) *The term “military installation” has the*
4 *meaning given that term in section 2801 of title 10,*
5 *United States Code.*

6 (6) *The term “remote installation” means a*
7 *military installation that the Secretary determines to*
8 *be in a remote location.*

9 **SEC. 730. CLARIFICATION OF LICENSE PORTABILITY FOR**
10 **HEALTH CARE PROVIDERS PROVIDING SERV-**
11 **ICES UNDER RESERVE HEALTH READINESS**
12 **PROGRAM.**

13 *For purposes of license portability under paragraph*
14 *(1) of section 1094(d) of title 10, United States Code, a*
15 *health care provider who provides medical or dental services*
16 *under the Reserve Health Readiness program of the Depart-*
17 *ment of Defense (or any successor program) and meets the*
18 *requirements specified in subparagraphs (A) and (B) of*
19 *paragraph (2) of such section shall be considered a health-*
20 *care professional described in such paragraph.*

21 **SEC. 731. POLICY OF DEFENSE HEALTH AGENCY ON EX-**
22 **PANDED RECOGNITION OF BOARD CERTIFI-**
23 **CATIONS FOR PHYSICIANS.**

24 *Not later than 180 days after the date of the enactment*
25 *of this Act, the Director of the Defense Health Agency shall*

1 *revise the policy of the Defense Health Agency relating to*
2 *credentialing and privileging under the military health sys-*
3 *tem, to expand the recognition of board certifications for*
4 *physicians under such policy to a wide range of additional*
5 *board certifications.*

6 ***Subtitle C—Studies and Reports***

7 ***SEC. 741. GAO STUDY ON COVERAGE OF MENTAL HEALTH***
8 ***DISORDERS UNDER TRICARE PROGRAM AND***
9 ***RELATIONSHIP TO CERTAIN MENTAL HEALTH***
10 ***PARITY LAWS.***

11 *(a) STUDY AND REPORT REQUIRED.—Not later than*
12 *180 days after the date of the enactment of this Act, the*
13 *Comptroller General of the United States shall—*

14 *(1) conduct a study to identify and assess the*
15 *similarities and differences with respect to coverage of*
16 *mental health disorders under the TRICARE program*
17 *and coverage requirements under mental health par-*
18 *ity laws; and*

19 *(2) submit to the Secretary of Defense, the con-*
20 *gressional defense committees, and (with respect to*
21 *any findings concerning the Coast Guard when it is*
22 *not operating as a service in the Department of the*
23 *Navy), the Secretary of Homeland Security, the Com-*
24 *mittee on Transportation and Infrastructure of the*
25 *House of Representatives, and the Committee on Com-*

1 *merce, Science, and Transportation of the Senate a*
2 *report containing the findings of such study.*

3 *(b) MATTERS.—The report under subsection (a) shall*
4 *include the following:*

5 *(1) A description of any overlaps or gaps be-*
6 *tween coverage requirements under the TRICARE*
7 *program and under the mental health parity laws,*
8 *with respect to treatment for the continuum of mental*
9 *health disorders (including substance use disorder).*

10 *(2) An identification of any existing or antici-*
11 *ipated effects of any such overlaps or gaps on access*
12 *to care by TRICARE beneficiaries.*

13 *(3) An identification of denial rates under the*
14 *TRICARE program for requests by TRICARE bene-*
15 *ficiaries for coverage of mental or behavioral health*
16 *care services, and the overturn rates of appeals for*
17 *such requests, disaggregated by type of health care*
18 *service.*

19 *(4) A list of each mental or behavioral health*
20 *care provider type that is not an authorized provider*
21 *type under the TRICARE program.*

22 *(5) An identification of any anticipated effects of*
23 *modifying coverage requirements under the*
24 *TRICARE program to bring such requirements into*

1 *conformity with mental health parity laws, including*
2 *an assessment of the following:*

3 *(A) Potential costs to the Department of De-*
4 *fense, the Department of Homeland Security*
5 *(with respect to matters concerning the Coast*
6 *Guard when it is not operating as a service in*
7 *the Department of the Navy), and TRICARE*
8 *beneficiaries as a result of such modification.*

9 *(B) The adequacy of the TRICARE pro-*
10 *gram network to support such modification.*

11 *(C) Potential effects of such modification on*
12 *access to care by TRICARE beneficiaries.*

13 *(D) Such other matters as may be deter-*
14 *mined appropriate by the Comptroller General.*

15 *(c) BRIEFING.—Not later than 90 days after the date*
16 *on which the Secretaries receives the report submitted under*
17 *subsection (a), the Secretaries shall provide to the congres-*
18 *sional defense committees a briefing on any statutory*
19 *changes the Secretaries determine necessary to close gaps*
20 *in the coverage of mental health disorders under the*
21 *TRICARE program, including any such gaps identified in*
22 *the report, to bring such coverage into conformity with re-*
23 *quirements under mental health parity laws.*

24 *(d) DEFINITIONS.—In this section:*

1 (1) *The term “mental health parity laws”*
2 *means—*

3 (A) *section 2726 of the Public Health Serv-*
4 *ice Act (42 U.S.C. 300gg–26);*

5 (B) *section 712 of the Employee Retirement*
6 *Income Security Act of 1974 (29 U.S.C. 1185a);*

7 (C) *section 9812 of the Internal Revenue*
8 *Code of 1986 (26 U.S.C. 9812); or*

9 (D) *any other Federal law that applies the*
10 *requirements under any of the sections described*
11 *in subparagraph (A), (B), or (C), or require-*
12 *ments that are substantially similar to those pro-*
13 *vided under any such section, as determined by*
14 *the Comptroller General.*

15 (2) *The term “TRICARE program” has the*
16 *meaning given such term in section 1072 of title 10,*
17 *United States Code.*

18 **SEC. 742. FEASIBILITY STUDY ON ESTABLISHMENT OF NEW**

19 **COMMAND ON DEFENSE HEALTH.**

20 (a) *STUDY.—The Secretary of Defense shall conduct a*
21 *feasibility study regarding the establishment of a new de-*
22 *fense health command under which the Defense Health*
23 *Agency would be a joint component. In conducting such*
24 *study, the Secretary shall consider for the new command*
25 *each of the following potential structures:*

1 (1) *A unified combatant command.*

2 (2) *A specified combatant command.*

3 (3) *Any other defense health command structure*
4 *the Secretary determines appropriate.*

5 (b) *MATTERS.—The study under subsection (a) shall*
6 *include, with respect to the new command specified in such*
7 *subsection, the following:*

8 (1) *An assessment of the organizational structure*
9 *required to establish the new command with the fol-*
10 *lowing responsibilities and duties:*

11 (A) *The conduct of health operations among*
12 *operational units of the Armed Forces.*

13 (B) *The administration of military medical*
14 *treatment facilities.*

15 (C) *The administration of the TRICARE*
16 *program.*

17 (D) *Serving as the element of the Armed*
18 *Forces with the primary responsibility for the*
19 *following:*

20 (i) *Medical treatment, advanced trau-*
21 *ma management, emergency surgery, and*
22 *resuscitative care.*

23 (ii) *Emergency and specialty surgery,*
24 *intensive care, medical specialty care, and*
25 *related services.*

1 (iii) *Preventive, acute, restorative, cu-*
2 *rative, rehabilitative, and convalescent care.*

3 (E) *Collaboration with medical facilities*
4 *participating in the National Disaster Medical*
5 *System established pursuant to section 2812 of*
6 *the Public Health Service Act (42 U.S.C. 300hh-*
7 *11), the Veterans Health Administration, and*
8 *such other Federal departments and agencies and*
9 *nongovernmental organizations as may be deter-*
10 *mined appropriate, including with respect to the*
11 *care services specified in subparagraph (D)(iii).*

12 (F) *The conduct of existing research and*
13 *education activities of the Department of Defense*
14 *in the field of health sciences.*

15 (G) *The conduct of public health and global*
16 *health activities not otherwise assigned to the*
17 *Armed Forces.*

18 (H) *The administration of the Defense*
19 *Health Program Account under section 1100 of*
20 *title 10, United States Code.*

21 (2) *A description of the potential reporting rela-*
22 *tionship between the commander of the new com-*
23 *mand, the Assistant Secretary of Defense for Health*
24 *Affairs, and the Under Secretary of Defense for Per-*
25 *sonnel and Readiness.*

1 (3) *A description of the roles of the Surgeons*
2 *General of the Army, Navy and Air Force, with re-*
3 *spect to the commander of the new command.*

4 (4) *A description of the additional legislative au-*
5 *thorities, if any, necessary to establish the new com-*
6 *mand.*

7 (c) *BRIEFING; REPORT.*—*Not later than September 30,*
8 *2023, the Secretary of Defense shall—*

9 (1) *provide to the Committees of Armed Services*
10 *of the House of Representatives and the Senate brief-*
11 *ing on the results of the study under subsection (a);*
12 *and*

13 (2) *submit to the Committees of Armed Services*
14 *of the House of Representatives and the Senate brief-*
15 *ing and report on the results of such study.*

16 **SEC. 743. STUDY AND AWARENESS INITIATIVE REGARDING**
17 **USE OF MEDICINAL CANNABIS TO TREAT CER-**
18 **TAIN MEMBERS OF THE ARMED FORCES ON**
19 **TERMINAL LEAVE.**

20 (a) *STUDY.*—*The Secretary of Defense shall conduct a*
21 *study on the use of medicinal cannabis as an alternative*
22 *to prescription opioids in the treatment of members of the*
23 *Armed Forces on terminal leave preceding separation, re-*
24 *tirement, or release from active duty.*

1 (b) *PARTICIPANTS.*—*The Secretary shall select partici-*
2 *pants in the study under subsection (a) from among mem-*
3 *bers of the Armed Forces on terminal leave—*

4 (1) *who have been diagnosed with post traumatic*
5 *stress disorder, a traumatic brain injury, or any*
6 *other condition involving severe pain, as determined*
7 *by the Secretary for purposes of this section;*

8 (2) *who but for such participation, would be pre-*
9 *scribed opioid medications in connection with the*
10 *treatment of such condition; and*

11 (3) *who elect to participate in the study (includ-*
12 *ing in the post-study monitoring under subsection*
13 *(c)).*

14 (c) *POST-STUDY MONITORING.*—*Following the conclu-*
15 *sion of the study under subsection (a), the Secretary shall*
16 *monitor the effects of such study on the health of former*
17 *participants by conducting assessments of such former par-*
18 *ticipants, and shall submit to the congressional defense com-*
19 *mittees reports on the results of such monitoring, at the fol-*
20 *lowing intervals:*

21 (1) *One year after the date of such conclusion.*

22 (2) *Three years after the date of such conclusion.*

23 (d) *EFFECT ON OTHER BENEFITS.*—*The eligibility or*
24 *entitlement of a member of the Armed Forces to any other*
25 *benefit under the laws administered by the Secretary shall*

1 *not be affected by the participation of the member in the*
2 *study under this section (including by participation in the*
3 *post-study monitoring under subsection (c)).*

4 *(e) REPORT.—Not later than one year after the date*
5 *of the enactment of this Act, the Secretary of Defense shall*
6 *submit to the appropriate congressional committees a report*
7 *on the findings of the study under subsection (a). Such re-*
8 *port shall include—*

9 *(1) a description of any such findings relating to*
10 *the benefits or other effects of using medicinal can-*
11 *nabis as an alternative to prescription opioids under*
12 *the study; and*

13 *(2) any recommendations of the Secretary based*
14 *on such findings.*

15 *(f) EDUCATION INITIATIVE.—The Secretary shall carry*
16 *out an education initiative regarding the use of medicinal*
17 *cannabis for the treatment of the conditions referred to in*
18 *subsection (b)(1). In carrying out such initiative, the Sec-*
19 *retary shall take into consideration—*

20 *(1) to the extent practicable, the findings of the*
21 *study under subsection (a);*

22 *(2) the specific vulnerability to opioid abuse and*
23 *substance abuse disorder of individuals transitioning*
24 *from serving on active duty in the Armed Forces; and*

1 (3) *best practices for reducing the stigmatization*
2 *of medicinal cannabis.*

3 (g) *DEFINITIONS.—In this section:*

4 (1) *The terms “active duty” and “Armed Forces”*
5 *have the meaning given those terms in section 101 of*
6 *title 10, United States Code.*

7 (2) *The term “appropriate congressional com-*
8 *mittees” means—*

9 (A) *the congressional defense committees;*

10 (B) *the Committee on Energy and Com-*
11 *merce of the House of Representatives; and*

12 (C) *the Committee on Commerce, Science,*
13 *and Transportation of the Senate.*

14 **SEC. 744. REPORT ON COMPOSITION OF MEDICAL PER-**
15 **SONNEL OF EACH MILITARY DEPARTMENT**
16 **AND RELATED MATTERS.**

17 (a) *REPORT.—Not later than 180 days after the date*
18 *of the enactment of this Act, and annually thereafter for*
19 *five years, the Secretary of Defense, in coordination with*
20 *the Secretaries of the military departments, shall submit*
21 *to the Committees on Armed Services of the House of Rep-*
22 *resentatives and the Senate a report on the composition of*
23 *the medical personnel of each military department and re-*
24 *lated matters.*

1 (b) *MATTERS.*—*The report under subsection (a) shall*
2 *include the following:*

3 (1) *With respect to each military department,*
4 *the following:*

5 (A) *An identification of the total number of*
6 *medical personnel of the military department.*

7 (B) *An identification of the number of such*
8 *medical personnel who are officers in a grade*
9 *above O–6.*

10 (C) *An identification of the number of such*
11 *medical personnel who are officers in a grade*
12 *below O–7.*

13 (D) *An identification of the number of such*
14 *medical personnel who are enlisted members.*

15 (E) *An assessment of potential issues relat-*
16 *ing to the composition of such medical personnel.*

17 (F) *A description of any plans of the Sec-*
18 *retary to—*

19 (i) *reduce the total number of such*
20 *medical personnel; or*

21 (ii) *eliminate any covered position for*
22 *such medical personnel.*

23 (G) *A recommendation by the Secretary for*
24 *the number of covered positions for such medical*
25 *personnel that should be required for purposes of*

1 *maximizing medical readiness (without regard to*
2 *current statutory limitations, or potential future*
3 *statutory limitations, on such number), pre-*
4 *sent as a total number for each military de-*
5 *partment and disaggregated by grade.*

6 (2) *An assessment of the advisability of estab-*
7 *lishing within the Department of the Air Force, by*
8 *not later than five years after the date of the enact-*
9 *ment of this Act, a position of the Medical Officer of*
10 *the Space Force with the responsibilities of advising*
11 *the Chief of Space Operations on all matters relating*
12 *to health care for members of the Space Force and*
13 *serving as the expert on such matters in working with*
14 *the heads of other Federal departments and agencies*
15 *on related issues.*

16 (3) *An assessment of the necessity of maintain-*
17 *ing the position of the Medical Officer of the Marine*
18 *Corps, including—*

19 (A) *a comparison of the effects of filling*
20 *such position with an officer in the grade of O–*
21 *6 versus an officer in the grade of O–7;*

22 (B) *an assessment of potential issues associ-*
23 *ated with the elimination of such position; and*

1 (C) a description of any potential effects of
2 such elimination with respect to medical readi-
3 ness.

4 (c) *DISAGGREGATION OF CERTAIN DATA.*—The data
5 specified in subparagraphs (A) through (D) of subsection
6 (b)(1) shall be presented as a total number and
7 disaggregated by each medical component of the respective
8 military department.

9 (d) *CONSIDERATIONS IN ASSESSING CERTAIN SPACE*
10 *FORCE MATTER.*—In conducting the assessment pursuant
11 to subsection (b)(2), the Secretary of Defense shall take into
12 consideration the tasks, operations, and specific health care
13 considerations that accompany the space warfighting mis-
14 sion of the Space Force.

15 (e) *DEFINITIONS.*—In this section:

16 (1) The term “covered position” means a posi-
17 tion for an officer in a grade above O–6.

18 (2) The terms “enlisted member” and “officer”
19 have the meanings given those terms in section 101(b)
20 of title 10, United States Code.

21 (3) The term “medical component” means—

22 (A) in the case of the Army, the Medical
23 Corps, Dental Corps, Nurse Corps, Medical Serv-
24 ice Corps, Veterinary Corps, and Army Medical
25 Specialist Corps;

1 (B) *in the case of the Air Force, members*
2 *designated as medical officers, dental officers,*
3 *Air Force nurses, medical service officers, and*
4 *biomedical science officers; and*

5 (C) *in the case of the Navy, the Medical*
6 *Corps, Dental Corps, Nurse Corps, and Medical*
7 *Service Corps.*

8 (4) *The term “medical personnel” has the mean-*
9 *ing given such term in section 115a(e) of title 10,*
10 *United States Code.*

11 (5) *The term “military department” has the*
12 *meaning given that term in section 101(a) of such*
13 *title.*

14 **SEC. 745. BRIEFING AND REPORT ON REDUCTION OR RE-**
15 **ALIGNMENT OF MILITARY MEDICAL MANNING**
16 **AND MEDICAL BILLETS.**

17 *Section 731(a)(2)(A) of the National Defense Author-*
18 *ization Act for Fiscal Year 2022 (Public Law 117–81) is*
19 *amended to read as follows:*

20 “(A) *BRIEFING; REPORT.—The Comptroller*
21 *General shall submit to the Committees on*
22 *Armed Services of the House of Representatives*
23 *and the Senate—*

24 “(i) *a briefing on preliminary observa-*
25 *tions regarding the analyses used to support*

1 *any reduction or realignment of military*
2 *medical manning, including any reduction*
3 *or realignment of medical billets of the mili-*
4 *tary departments, not later than December*
5 *27, 2022; and*

6 “(ii) a report on such analyses not
7 later than May 31, 2023.”.

8 ***Subtitle D—Other Matters***

9 ***SEC. 761. INCLUSION OF EXPOSURE TO PERFLUOROALKYL*** 10 ***AND POLYFLUOROALKYL SUBSTANCES AS*** 11 ***COMPONENT OF PERIODIC HEALTH ASSESS-*** 12 ***MENTS.***

13 *(a) PERIODIC HEALTH ASSESSMENT.—Each Sec-*
14 *retary concerned shall ensure that any periodic health as-*
15 *essment provided to a member of the Armed Forces in-*
16 *cludes an evaluation of whether the member has been—*

17 *(1) based or stationed at a military installation*
18 *identified by the Secretary concerned as a location*
19 *with a known or suspected release of perfluoroalkyl*
20 *substances or polyfluoroalkyl substances during the*
21 *period in which the member was based or stationed*
22 *at the military installation; or*

23 *(2) exposed to such substances, including by eval-*
24 *uating any information in the health record of the*
25 *member.*

1 (b) *SEPARATION HISTORY AND PHYSICAL EXAMINA-*
2 *TIONS.*—Section 1145(a)(5) of title 10, United States Code
3 *is amended by adding at the end the following new subpara-*
4 *graph:*

5 “(D) *The Secretary concerned shall ensure that each*
6 *physical examination of a member under subparagraph (A)*
7 *includes an assessment of whether the member was—*

8 “(i) *based or stationed at a military installation*
9 *identified by the Secretary concerned as a location*
10 *with a known or suspected release of perfluoroalkyl*
11 *substances or polyfluoroalkyl substances during the*
12 *period in which the member was based or stationed*
13 *at the military installation; or*

14 “(ii) *exposed to such substances, including by as-*
15 *sessing any information in the health record of the*
16 *member.*”.

17 (c) *DEPLOYMENT ASSESSMENTS.*—Section 1074f(b)(2)
18 *of title 10, United States Code, is amended by adding at*
19 *the end the following new subparagraph:*

20 “(E) *An assessment of whether the member*
21 *was—*

22 “(i) *based or stationed at a military instal-*
23 *lation identified by the Secretary concerned as a*
24 *location with a known or suspected release of*
25 *perfluoroalkyl substances or polyfluoroalkyl sub-*

1 *stances during the period in which the member*
2 *was based or stationed at the military installa-*
3 *tion; or*

4 *“(ii) exposed to such substances, including*
5 *by assessing any information in the health*
6 *record of the member.”*

7 *(d) PROVISION OF BLOOD TESTING TO DETERMINE*
8 *EXPOSURE TO PERFLUOROALKYL SUBSTANCES OR*
9 *POLYFLUOROALKYL SUBSTANCES.—*

10 *(1) PROVISION OF BLOOD TESTING.—*

11 *(A) IN GENERAL.—If a covered evaluation*
12 *of a member of the Armed Forces results in a*
13 *positive determination of potential exposure to*
14 *perfluoroalkyl substances or polyfluoroalkyl sub-*
15 *stances, the Secretary concerned shall provide to*
16 *that member, during the covered evaluation,*
17 *blood testing to determine and document poten-*
18 *tial exposure to such substances.*

19 *(B) INCLUSION IN HEALTH RECORD.—The*
20 *results of blood testing of a member of the Armed*
21 *Forces conducted under subparagraph (A) shall*
22 *be included in the health record of the member.*

23 *(2) ANALYSIS OF BLOOD TESTING RESULTS.—*

24 *(A) PLAN.—Not later than one year after*
25 *the date of the enactment of this Act, the Sec-*

1 *retary of Defense shall submit to the Committees*
2 *on Armed Services of the House of Representa-*
3 *tives and the Senate a plan, consistent with De-*
4 *partment of Defense Instruction 6055.05 (or such*
5 *successor instruction), to track and analyze, in-*
6 *cluding through the identification and analysis*
7 *of trends, the results of blood testing results pro-*
8 *vided pursuant to the paragraph (1) or under*
9 *section 707 of the National Defense Authoriza-*
10 *tion Act for Fiscal Year 2020 (Public Law 116-*
11 *92; 133 Stat. 1441; 10 U.S.C. 1074m note).*

12 *(B) ANNUAL REPORTS.—Not later than two*
13 *years after the date of the enactment of this Act,*
14 *and annually thereafter, the Secretary shall sub-*
15 *mit to the Committees on Armed Services of the*
16 *House of Representatives and the Senate a report*
17 *containing a summary of the results of blood*
18 *testing provided pursuant to paragraph (1), at a*
19 *Department of Defense-wide level.*

20 *(e) DEFINITIONS.—In this section:*

21 *(1) The term “covered evaluation” means—*

22 *(A) a periodic health assessment conducted*
23 *in accordance with subsection (a);*

24 *(B) a separation history and physical ex-*
25 *amination conducted under section 1145(a)(5) of*

1 *title 10, United States Code, as amended by sub-*
2 *section (b); or*

3 (C) *a deployment assessment conducted*
4 *under section 1074f(b)(2) of such title, as amend-*
5 *ed by subsection (c).*

6 (2) *The term “Secretary concerned” has the*
7 *meaning given such term in section 101 of title 10,*
8 *United States Code.*

9 **SEC. 762. MANDATORY TRAINING ON HEALTH EFFECTS OF**
10 **PERFLUOROALKYL OR POLYFLUOROALKYL**
11 **SUBSTANCES.**

12 *The Secretary of Defense shall provide to each medical*
13 *provider of the Department of Defense mandatory training*
14 *with respect to the potential health effects of perfluoroalkyl*
15 *or polyfluoroalkyl substances.*

16 **SEC. 763. NON-MEDICAL COUNSELING SERVICES FOR MILI-**
17 **TARY FAMILIES.**

18 *Section 1781 of title 10, United States Code, is amend-*
19 *ed by adding at the end the following new subsections:*

20 “(d) **NON-MEDICAL COUNSELING SERVICES.**—(1) *In*
21 *carrying out the duties of the Office under subsection (b),*
22 *the Director of Military Family Readiness Policy may co-*
23 *ordinate programs and activities for the provision of non-*
24 *medical counseling services to military families through the*
25 *Military and Family Counseling Program.*

1 “(2) Notwithstanding any law regarding the licensure
2 or certification of mental health professionals, a mental
3 health professional described in paragraph (3) may provide
4 non-medical counseling services through the Military and
5 Family Counseling Program at any location in a State,
6 the District of Columbia, or a Commonwealth, territory or
7 possession of the United States, without regard to where the
8 provider or recipient of such services is located or the mode
9 of the delivery of such services, if the provision of such serv-
10 ices is within the scope of the authorized Federal duties of
11 the professional.

12 “(3) A mental health professional described in this
13 paragraph is an individual who is—

14 “(A) a mental health professional who holds a
15 current license or certification that is—

16 “(i) issued by a State, the District of Co-
17 lumbia, or a Commonwealth, territory, or posses-
18 sion of the United States; and

19 “(ii) recognized by the Secretary of Defense;

20 “(B) a member of the uniformed services, a civil-
21 ian employee of the Department of Defense, or a con-
22 tractor designated by the Secretary of Defense; and

23 “(C) performing authorized duties for the De-
24 partment of Defense under a program or as part of
25 an activity referred to in paragraph (1).

1 “(e) *DEFINITIONS.*—*In this section:*

2 “(1) *The term ‘Military and Family Counseling*
3 *Program’ means the Military and Family Counseling*
4 *Program of the Department of Defense, or any suc-*
5 *cessor program.*

6 “(2) *The term ‘non-medical counseling services’*
7 *means mental health care services that—*

8 “(A) *are non-clinical, short-term, and solu-*
9 *tion-focused; and*

10 “(B) *address topics related to personal*
11 *growth, development, and positive functioning.”.*

12 **SEC. 764. CLARIFICATIONS RELATING TO ANALYSIS OF DE-**
13 **PARTMENT OF DEFENSE COMPREHENSIVE**
14 **AUTISM DEMONSTRATION PROGRAM BY NA-**
15 **TIONAL ACADEMIES.**

16 (a) *CLARIFICATIONS.*—*Section 737 of the National De-*
17 *fense Authorization Act for Fiscal Year 2022 (Public Law*
18 *117–81; 135 Stat. 1800) is amended—*

19 (1) *in subsection (b)(2)—*

20 (A) *in subparagraph (A), by inserting*
21 *“broadly” after “disorder”;*

22 (B) *in subparagraph (C), by inserting “pa-*
23 *rental involvement in applied behavior analysis*
24 *treatment, and” after “including”;*

1 (C) by amending subparagraph (D) to read
2 as follows:

3 “(D) A review of the health outcomes, in-
4 cluding mental health outcomes, for individuals
5 who have received applied behavioral analysis
6 treatments over time.”;

7 (D) in subparagraph (E), by inserting “,
8 since the inception of such program,” after
9 “demonstration program”;

10 (E) in subparagraph (F), by striking “effec-
11 tiveness” and inserting “cost effectiveness, pro-
12 gram effectiveness, and clinical effectiveness”;

13 (F) in subparagraph (G), by inserting
14 “than in the general population” after “military
15 families”;

16 (G) by redesignating subparagraph (H) as
17 subparagraph (I); and

18 (H) by inserting after subparagraph (G), as
19 amended by subparagraph (F) of this paragraph,
20 the following new subparagraph:

21 “(H) An analysis on whether the diagnosis
22 and treatment of autism is more prevalent
23 among the children of military families than in
24 the general population.”; and

1 (2) *in subsection (c), by striking “nine months”*
2 *and inserting “two years and seven months”.*

3 (b) *TECHNICAL AND CONFORMING AMENDMENT.—*
4 *Such section is further amended by striking “demonstration*
5 *project” each place it appears and inserting “demonstra-*
6 *tion program”.*

7 **SEC. 765. CLARIFICATION OF ELIGIBILITY FOR MEMBER-**
8 **SHIP TO INDEPENDENT SUICIDE PREVEN-**
9 **TION AND RESPONSE REVIEW COMMITTEE.**

10 *Section 738(b)(3) of the National Defense Authoriza-*
11 *tion Act for Fiscal Year 2022 (Public Law 117–81; 135*
12 *Stat. 1801) is amended by inserting “, unless the individual*
13 *is a retired member of the Armed Forces or a former civil-*
14 *ian employee of the Department, or the individual is hired*
15 *for the purpose of serving on such committee” after “De-*
16 *partment of Defense”.*

17 **SEC. 766. IMPROVEMENT TO WOUNDED WARRIOR SERVICE**
18 **DOG PROGRAM.**

19 *Section 745 of the William M. (Mac) Thornberry Na-*
20 *tional Defense Authorization Act for Fiscal Year 2021 (134*
21 *Stat. 3710; Public Law 10 U.S.C. 1071 note) is amended—*

22 (1) *by redesignating subsection (b) as subsection*
23 *(c); and*

24 (2) *by inserting after subsection (a) the following*
25 *new subsection:*

1 “(b) *GRANTS.*—

2 “(1) *IN GENERAL.*—*In carrying out the Wound-*
3 *ed Warrior Service Dog Program, the Secretary of*
4 *Defense may award grants to nonprofit organizations*
5 *to provide assistance dogs under such program.*

6 “(2) *APPLICATIONS.*—*An applicant for a grant*
7 *under paragraph (1) shall submit an application at*
8 *such time, in such manner, and containing such in-*
9 *formation as the Secretary determines.*

10 “(3) *SELECTION.*—*The Secretary shall select*
11 *nonprofit organizations that submit applications for*
12 *the award of grants under the Wounded Warrior*
13 *Service Dog Program using a competitive process.*

14 “(4) *CONSIDERATIONS FOR GRANT AMOUNT.*—*In*
15 *determining the amount of a grant to award to a*
16 *nonprofit organization selected under paragraph (3),*
17 *the Secretary shall consider the following:*

18 “(A) *The merits of the application sub-*
19 *mitted by the nonprofit organization.*

20 “(B) *Whether, and to what extent, there is*
21 *demand by covered members or covered veterans*
22 *for assistance dogs provided by the nonprofit or-*
23 *ganization.*

1 “(C) *The capacity and capability of the*
 2 *nonprofit organization to raise and train assist-*
 3 *ance dogs to meet such demand.*

4 “(D) *Such other factors as the Secretary*
 5 *may determine appropriate.*

6 “(5) *LIMITATION ON GRANT AMOUNTS.—The*
 7 *amount of a grant awarded to a nonprofit organiza-*
 8 *tion selected under paragraph (3) may not exceed*
 9 *\$2,000,000.”.*

10 **SEC. 767. IMPROVEMENTS RELATING TO BEHAVIORAL**
 11 **HEALTH CARE AVAILABLE UNDER MILITARY**
 12 **HEALTH SYSTEM.**

13 (a) *EXPANSION OF CERTAIN BEHAVIORAL HEALTH*
 14 *PROGRAMS AT THE UNIFORMED SERVICES UNIVERSITY OF*
 15 *THE HEALTH SCIENCES.—*

16 (1) *ESTABLISHMENT OF GRADUATE PRO-*
 17 *GRAMS.—The Secretary of Defense shall establish*
 18 *graduate degree-granting programs in counseling and*
 19 *social work at the Uniformed Services University of*
 20 *the Health Sciences.*

21 (2) *EXPANSION OF CLINICAL PSYCHOLOGY GRAD-*
 22 *UATE PROGRAM.—The Secretary of Defense shall take*
 23 *such steps as may be necessary to expand the clinical*
 24 *psychology graduate program of the Uniformed Serv-*
 25 *ices University of the Health Sciences.*

1 (3) *POST-AWARD EMPLOYMENT OBLIGATION.*—

2 (A) *AGREEMENT WITH SECRETARY.*—Sub-
3 ject to subparagraph (B), as a condition of en-
4 rolling in a degree-granting program in clinical
5 psychology, social work, or counseling at the
6 Uniformed Services University of the Health
7 Sciences, a civilian student shall enter into an
8 agreement with the Secretary of Defense pursu-
9 ant to which the student agrees that, if the stu-
10 dent does not become a member of a uniformed
11 service upon graduating such program, the stu-
12 dent shall work on a full-time basis as a covered
13 civilian behavioral health provider for a period
14 of a duration that is at least equivalent to the
15 period during which the student was enrolled in
16 such program.

17 (B) *OTHER TERMS AND CONDITIONS.*—An
18 agreement entered into pursuant to subpara-
19 graph (A) may include such other terms and
20 conditions as the Secretary of Defense may deter-
21 mine necessary to protect the interests of the
22 United States or otherwise appropriate for pur-
23 poses of this section, including terms and condi-
24 tions providing for limited exceptions from the

1 *employment obligation specified in such sub-*
2 *paragraph.*

3 (C) *REPAYMENT.*—*A civilian graduate who*
4 *does not complete the employment obligation re-*
5 *quired under the agreement entered into pursu-*
6 *ant to subparagraph (A) shall repay to the Sec-*
7 *retary of Defense a prorated portion of the stu-*
8 *dent's costs of attendance in the program de-*
9 *scribed in such paragraph. The amount of such*
10 *prorated portion shall be determined by the Sec-*
11 *retary.*

12 (D) *APPLICABILITY.*—*This subsection shall*
13 *apply to civilian students who enroll in the first*
14 *year of a degree-granting program in clinical*
15 *psychology, social work, or counseling at the*
16 *Uniformed Services University of the Health*
17 *Sciences on or after the date of the enactment of*
18 *this Act.*

19 (4) *IMPLEMENTATION PLAN.*—*Not later than one*
20 *year after the date of the enactment of this Act, the*
21 *Secretary shall submit to the congressional defense*
22 *committees a plan for the implementation of this sub-*
23 *section. Such plan shall include—*

1 (A) a determination as to the resources for
2 personnel and facilities required for such imple-
3 mentation;

4 (B) estimated timelines for such implemen-
5 tation; and

6 (C) a projection of the number of graduates
7 from the programs specified in paragraph (1)
8 upon the completion of such implementation.

9 (b) *SCHOLARSHIP-FOR-SERVICE PROGRAM FOR CIVIL-*
10 *IAN BEHAVIORAL HEALTH PROVIDERS.—*

11 (1) *IN GENERAL.—Beginning not later than two*
12 *years after the date of the enactment of this Act, the*
13 *Secretary of Defense shall carry out a program under*
14 *which—*

15 (A) *the Secretary may provide—*

16 (i) *direct grants to cover tuition, fees,*
17 *living expenses, and other costs of attend-*
18 *ance at an institution of higher education*
19 *to an individual enrolled in a program of*
20 *study leading to a graduate degree in clin-*
21 *ical psychology, social work, counseling, or*
22 *a related field (as determined by the Sec-*
23 *retary); and*

24 (ii) *student loan repayment assistance*
25 *to a credentialed behavioral health provider*

1 *who has a graduate degree in clinical psy-*
2 *chology, social work, counseling, or a related*
3 *field (as determined by the Secretary); and*

4 *(B) in exchange for such assistance, the re-*
5 *ipient shall commit to work as a covered civil-*
6 *ian behavioral health provider in accordance*
7 *with paragraph (2).*

8 (2) *POST-AWARD EMPLOYMENT OBLIGATIONS.*—

9 (A) *IN GENERAL.*—*Subject to subparagraph*
10 *(B), as a condition of receiving assistance under*
11 *paragraph (1), the recipient of such assistance*
12 *shall enter into an agreement with the Secretary*
13 *of Defense pursuant to which the recipient agrees*
14 *to work on a full-time basis as a covered civilian*
15 *behavioral health provider for a period of a du-*
16 *ration that is at least equivalent to the period*
17 *during which the recipient received assistance*
18 *under such paragraph.*

19 (B) *OTHER TERMS AND CONDITIONS.*—*An*
20 *agreement entered into pursuant to subpara-*
21 *graph (A) may include such other terms and*
22 *conditions as the Secretary of Defense may deter-*
23 *mine necessary to protect the interests of the*
24 *United States or otherwise appropriate for pur-*
25 *poses of this section, including terms and condi-*

1 *tions providing for limited exceptions from the*
2 *post-award employment obligation specified in*
3 *such subparagraph.*

4 (3) *REPAYMENT.*—*An individual who receives*
5 *assistance under paragraph (1) and does not complete*
6 *the employment obligation required under the agree-*
7 *ment entered into pursuant to paragraph (2) shall*
8 *repay to the Secretary of Defense a prorated portion*
9 *of the financial assistance received by the individual*
10 *under paragraph (1). The amount of such prorated*
11 *portion shall be determined by the Secretary.*

12 (4) *IMPLEMENTATION PLAN.*—*Not later than one*
13 *year after the date of the enactment of this Act, the*
14 *Secretary of Defense shall submit to the congressional*
15 *defense committees a plan for the implementation of*
16 *this subsection. Such plan shall include—*

17 (A) *a determination as to the resources re-*
18 *quired for such implementation;*

19 (B) *estimated timelines for such implemen-*
20 *tation; and*

21 (C) *a projection of the number of recipients*
22 *of assistance under paragraph (1) upon the com-*
23 *pletion of such implementation.*

24 (c) *REPORT ON BEHAVIORAL HEALTH WORKFORCE.*—

1 (1) *REPORT.*—Not later than 90 days after the
2 date of the enactment of this Act, the Secretary of De-
3 fense shall conduct an analysis of the behavioral
4 health workforce under the direct care component of
5 the *TRICARE* program and submit to the congress-
6 sional defense committees a report containing the re-
7 sults of such analysis. Such report shall include, with
8 respect to such workforce, the following:

9 (A) *The number of positions authorized for*
10 *military behavioral health providers within such*
11 *workforce, and the number of such positions*
12 *filled, disaggregated by the professions described*
13 *in paragraph (2).*

14 (B) *The number of positions authorized for*
15 *civilian behavioral health providers within such*
16 *workforce, and the number of such positions*
17 *filled, disaggregated by the professions described*
18 *in paragraph (2).*

19 (C) *For each military department, the ratio*
20 *of military behavioral health providers assigned*
21 *to military medical treatment facilities com-*
22 *pared to civilian behavioral health providers so*
23 *assigned, disaggregated by the professions de-*
24 *scribed in paragraph (2).*

1 (D) For each military department, the
2 number of military behavioral health providers
3 authorized to be embedded within an operational
4 unit, and the number of such positions filled,
5 disaggregated by the professions described in
6 paragraph (2).

7 (E) Data on the historical demand for be-
8 havioral health services by members of the Armed
9 Forces.

10 (F) An estimate of the number of health
11 care providers necessary to meet the demand by
12 such members for behavioral health care services
13 under the direct care component of the
14 TRICARE program, disaggregated by provider
15 type.

16 (G) An identification of any shortfall be-
17 tween the estimated number under subparagraph
18 (F) and the total number of positions for behav-
19 ioral health providers filled within such work-
20 force.

21 (H) Such other information as the Sec-
22 retary may determine appropriate.

23 (2) PROVIDER TYPES.—The professions described
24 in this paragraph are as follows:

25 (A) Clinical psychologists.

1 (B) *Social workers.*

2 (C) *Counselors.*

3 (D) *Such other professions as the Secretary*
4 *may determine appropriate.*

5 (3) *BEHAVIORAL WORKFORCE AT REMOTE LOCA-*
6 *TIONS.—In conducting the analysis of the behavioral*
7 *health workforce under paragraph (1), the Secretary*
8 *of Defense shall ensure such behavioral health work-*
9 *force at remote locations (including Guam and Ha-*
10 *waii) and any shortfalls thereof, is taken into ac-*
11 *count.*

12 (d) *PLAN TO ADDRESS SHORTFALLS IN BEHAVIORAL*
13 *HEALTH WORKFORCE.—Not later than 180 days after the*
14 *date of the enactment of this Act, the Secretary shall submit*
15 *to the congressional defense committees a plan to address*
16 *any shortfall of the behavioral health workforce identified*
17 *under subsection (c)(1)(G). Such plan shall address the fol-*
18 *lowing:*

19 (1) *With respect to any such shortfall of military*
20 *behavioral health providers (addressed separately with*
21 *respect to such providers assigned to military medical*
22 *treatment facilities and such providers assigned to be*
23 *embedded within operational units), the recruitment,*
24 *accession, retention, special pay and other aspects of*
25 *compensation, workload, role of the Uniformed Serv-*

1 *ices University of the Health Sciences and the Armed*
2 *Forces Health Professions Scholarship Program under*
3 *chapter 105 of title 10, United States Code, any addi-*
4 *tional authorities or resources necessary for the Sec-*
5 *retary to increase the number of such providers, and*
6 *such other considerations as the Secretary may con-*
7 *sider appropriate.*

8 (2) *With respect to addressing any such shortfall*
9 *of civilian behavioral health providers, the recruit-*
10 *ment, hiring, retention, pay and benefits, workload,*
11 *educational scholarship programs, any additional au-*
12 *thorities or resources necessary for the Secretary to*
13 *increase the number of such providers, and such other*
14 *considerations as the Secretary may consider appro-*
15 *priate.*

16 (3) *A recommendation as to whether the number*
17 *of military behavioral health providers in each mili-*
18 *tary department should be increased, and if so, by*
19 *how many.*

20 (4) *A plan to ensure that remote installations*
21 *are prioritized for the assignment of military behav-*
22 *ioral health providers.*

23 (5) *Updated access standards for behavioral*
24 *health care under the military health system, taking*
25 *into account—*

1 (A) the duration of time between a patient
2 receiving a referral for such care and the patient
3 receiving individualized treatment (following an
4 initial intake assessment) from a behavioral
5 health provider; and

6 (B) the frequency of regular follow-up ap-
7 pointments subsequent to the first appointment
8 at which a patient receives such individualized
9 treatment.

10 (6) A plan to expand access to behavioral health
11 care under the military health system using tele-
12 health.

13 (e) *DEFINITIONS.*—*In this section:*

14 (1) The term “behavioral health” includes psy-
15 chiatry, clinical psychology, social work, counseling,
16 and related fields.

17 (2) The term “civilian behavioral health pro-
18 vider” means a behavioral health provider who is a
19 civilian employee of the Department of Defense.

20 (3) The term “cost of attendance” has the mean-
21 ing given that term in section 472 of the Higher Edu-
22 cation Act of 1965 (20 U.S.C. 1087l).

23 (4) The term “counselor” means an individual
24 who holds—

1 (A) a master’s or doctoral degree from an
2 accredited graduate program in—

3 (i) marriage and family therapy; or

4 (ii) clinical mental health counseling;

5 and

6 (B) a current license or certification from a
7 State that grants the individual the authority to
8 provide counseling services as an independent
9 practitioner in the respective field of the indi-
10 vidual.

11 (5) The term “covered civilian behavioral health
12 provider” means a civilian behavioral health provider
13 whose employment by the Secretary of Defense in-
14 volves the provision of behavioral health services at a
15 military medical treatment facility.

16 (6) The term “institution of higher education”
17 has the meaning given that term in section 101 of the
18 Higher Education Act of 1965 (20 U.S.C. 1001).

19 (7) The term “military behavioral health pro-
20 vider” means a behavioral health provider who is a
21 member of the Armed Forces.

22 (8) The term “military installation” has the
23 meaning given that term in section 2801 of title 10,
24 United States Code.

1 (9) *The term “military medical treatment facil-*
2 *ity” means a facility specified in section 1073d of*
3 *such title.*

4 (10) *The term “remote installation” means a*
5 *military installation that the Secretary determines to*
6 *be in a remote location.*

7 (11) *The term “State” means each of the several*
8 *States, the District of Columbia, and each common-*
9 *wealth, territory or possession of the United States.*

10 (12) *The term “TRICARE program” has the*
11 *meaning given that term in section 1072 of title 10,*
12 *United States Code.*

13 **SEC. 768. ASSIGNMENT OF BEHAVIORAL HEALTH PRO-**
14 **VIDERS AND TECHNICIANS TO AIRCRAFT**
15 **CARRIERS.**

16 (a) *ASSIGNMENT.*—*Beginning not later than December*
17 *31, 2023, the Secretary of the Navy shall ensure there is*
18 *assigned to each aircraft carrier not fewer than two mili-*
19 *tary behavioral health providers and not fewer than two*
20 *behavioral health technicians.*

21 (b) *DEFINITIONS.*—*In this section:*

22 (1) *The term “behavioral health” includes clin-*
23 *ical psychology, social work, counseling, and related*
24 *fields.*

1 (2) *The term “behavioral health technician”*
2 *means an enlisted member of the Armed Forces who*
3 *is trained to perform clinical activities in support of*
4 *a licensed behavioral health provider.*

5 (3) *The term “military behavioral health pro-*
6 *vider” means a behavioral health provider who is a*
7 *member of the Armed Forces.*

8 **SEC. 769. DEPARTMENT OF DEFENSE INTERNSHIP PRO-**
9 **GRAMS RELATING TO CIVILIAN BEHAVIORAL**
10 **HEALTH PROVIDERS.**

11 (a) *INTERNSHIP PROGRAMS FOR CIVILIAN BEHAV-*
12 *IORAL HEALTH.—*

13 (1) *ESTABLISHMENT OF PROGRAMS.—The Sec-*
14 *retary of Defense shall establish paid pre-doctoral and*
15 *post-doctoral internship programs for the purpose of*
16 *training clinical psychologists to work as covered ci-*
17 *vilian behavioral health providers.*

18 (2) *EMPLOYMENT OBLIGATION.—*

19 (A) *IN GENERAL.—Subject to subparagraph*
20 *(B), as a condition of participating in an in-*
21 *ternship program under paragraph (1), the par-*
22 *ticipant shall enter into an agreement with the*
23 *Secretary of Defense pursuant to which the par-*
24 *ticipant agrees to work on a full-time basis as a*
25 *covered civilian behavioral health provider for a*

1 *period of a duration that is at least equivalent*
2 *to the period of participation in such internship*
3 *program.*

4 (B) *OTHER TERMS AND CONDITIONS.*—*An*
5 *agreement entered into pursuant to subpara-*
6 *graph (A) may include such other terms and*
7 *conditions as the Secretary of Defense may deter-*
8 *mine necessary to protect the interests of the*
9 *United States or otherwise appropriate for pur-*
10 *poses of this section, including terms and condi-*
11 *tions providing for limited exceptions from the*
12 *employment obligation specified in such sub-*
13 *paragraph.*

14 (3) *REPAYMENT.*—*An individual who partici-*
15 *pates in an internship program under paragraph (1)*
16 *and does not complete the employment obligation re-*
17 *quired under the agreement entered into pursuant to*
18 *paragraph (2) shall repay to the Secretary of Defense*
19 *a prorated portion of the cost of administering such*
20 *program with respect to such individual and of any*
21 *payment received by the individual under such pro-*
22 *gram. The amount of such prorated portion shall be*
23 *determined by the Secretary.*

24 (4) *IMPLEMENTATION PLAN.*—*Not later than one*
25 *year after the date of the enactment of this Act, the*

1 *Secretary of Defense shall submit to the congressional*
2 *defense committees a plan for the implementation of*
3 *this subsection. Such plan shall include an expla-*
4 *nation of how the Secretary will adjust the workload*
5 *and staffing of behavioral health providers in mili-*
6 *tary medical treatment facilities to ensure sufficient*
7 *capacity to supervise participants in the internship*
8 *programs under paragraph (1).*

9 *(b) DEFINITIONS.—In this section:*

10 *(1) The term “behavioral health” includes psy-*
11 *chiatry, clinical psychology, social work, counseling,*
12 *and related fields.*

13 *(2) The term “covered civilian behavioral health*
14 *provider” means a civilian behavioral health provider*
15 *whose employment by the Secretary of Defense in-*
16 *volves the provision of behavioral health services at a*
17 *military medical treatment facility.*

18 *(3) The term “civilian behavioral health pro-*
19 *vider” means a behavioral health provider who is a*
20 *civilian employee of the Department of Defense.*

21 *(4) The term “military medical treatment facil-*
22 *ity” means a facility specified in section 1073d of*
23 *such title.*

1 **SEC. 770. BRAIN HEALTH INITIATIVE OF DEPARTMENT OF**
2 **DEFENSE.**

3 (a) *IN GENERAL.*—*The Secretary of Defense, in con-*
4 *sultation with the Secretaries concerned, shall establish a*
5 *comprehensive initiative for brain health to be known as*
6 *the “Warfighter Brain Health Initiative” (in this section*
7 *referred to as the “Initiative”)* for the purpose of unifying
8 *efforts and programs across the Department of Defense to*
9 *improve the cognitive performance and brain health of*
10 *members of the Armed Forces.*

11 (b) *OBJECTIVES.*—*The objectives of the Initiative shall*
12 *be the following:*

13 (1) *To enhance, maintain, and restore the cog-*
14 *nitive performance of members of the Armed Forces*
15 *through education, training, prevention, protection,*
16 *monitoring, detection, diagnosis, treatment, and reha-*
17 *bilitation, including through the following activities:*

18 (A) *The establishment of a program to mon-*
19 *itor cognitive brain health across the Department*
20 *of Defense, beginning upon the accession of a*
21 *member to the Armed Forces and repeated at*
22 *regular intervals thereafter, with the goal of de-*
23 *tecting any need for cognitive enhancement or*
24 *restoration resulting from potential brain expo-*
25 *sures of the member, to mitigate possible evo-*
26 *lution of injury or disease progression.*

1 (B) *The identification and dissemination of*
2 *thresholds for blast pressure safety and associated*
3 *emerging scientific evidence.*

4 (C) *The modification of high-risk training*
5 *and operational activities to mitigate the nega-*
6 *tive effects of repetitive blast exposure.*

7 (D) *The identification of individuals who*
8 *perform high-risk training or occupational ac-*
9 *tivities, for purposes of increased monitoring of*
10 *the brain health of such individuals.*

11 (E) *The development and operational field-*
12 *ing of non-invasive, portable, point-of-care med-*
13 *ical devices, to inform the diagnosis and treat-*
14 *ment of traumatic brain injury.*

15 (F) *The establishment of a standardized*
16 *monitoring program that documents and ana-*
17 *lyzes blast exposures that may affect the brain*
18 *health of members of the Armed Forces.*

19 (G) *The development of a resource that*
20 *would set forth specific criteria used in the*
21 *awarding of potential grants for research*
22 *projects relating to the direct correlation of envi-*
23 *ronmental exposures and brain injuries to the*
24 *brain health of members of the Armed Forces.*

1 (H) *The incorporation of the findings and*
2 *recommendations of the report of the National*
3 *Academies of Science, Engineering, and Medi-*
4 *cine titled “Traumatic Brain Injury: A Road-*
5 *map for Accelerating Progress” and published in*
6 *2022 (relating to the acceleration of progress in*
7 *traumatic brain injury research and care), or*
8 *any successor report, into activities of the De-*
9 *partment relating to brain health, as applicable.*

10 (2) *To harmonize and prioritize the efforts of the*
11 *Department of Defense into a single approach to*
12 *brain health, to produce more efficient and effective*
13 *results.*

14 (c) *STRATEGY AND IMPLEMENTATION PLAN.—Not*
15 *later than one year after the date of the enactment of this*
16 *Act, the Secretary of Defense shall submit to the congres-*
17 *sional defense committees a report setting forth a strategy*
18 *and implementation plan of the Department of Defense to*
19 *achieve the objectives of the Initiative under subsection (b).*

20 (d) *ANNUAL BUDGET JUSTIFICATION DOCUMENTS.—*
21 *In the budget justification materials submitted to Congress*
22 *in support of the Department of Defense budget for each*
23 *of fiscal years 2025 through 2029 (as submitted with the*
24 *budget of the President under section 1105(a) of title 31,*
25 *United States Code), the Secretary of Defense shall include*

1 a budget justification display that includes all activities of
2 the Department relating to the Initiative.

3 (e) *ANNUAL REPORTS.*—Not later than January 31,
4 2024, and annually thereafter until January 31, 2030, the
5 Secretary of Defense shall submit to the congressional de-
6 fense committees a report on the Initiative that includes
7 the following:

8 (1) A description of the activities taken under
9 the Initiative and resources expended under the Ini-
10 tiative during the prior fiscal year.

11 (2) A summary of the progress made during the
12 prior fiscal year with respect to the objectives of the
13 Initiative under subsection (b).

14 (f) *SECRETARY CONCERNED DEFINED.*—In this sec-
15 tion, the term “Secretary concerned” has the meaning given
16 that term in section 101 of title 10, United States Code.

17 **SEC. 771. AUTHORITY TO CONDUCT PILOT PROGRAM RE-**
18 **LATING TO MONITORING OF BLAST OVER-**
19 **PRESSURE EXPOSURE.**

20 (a) *AUTHORITY.*—The Director of the Defense Health
21 Agency may conduct, as part of the initiative of the Depart-
22 ment of Defense known as the “Warfighter Brain Initia-
23 tive” (or any successor initiative), a pilot program under
24 which the Director shall monitor blast overpressure exposure
25 through the use of commercially available, off-the-shelf,

1 *wearable sensors, and document and evaluate data collected*
2 *as a result of such monitoring.*

3 (b) *LOCATIONS.*—*Monitoring activities under a pilot*
4 *program conducted pursuant to subsection (a) shall be car-*
5 *ried out in each training environment that the Director de-*
6 *termines poses a risk for blast overpressure exposure.*

7 (c) *DOCUMENTATION AND SHARING OF DATA.*—*If the*
8 *Director conducts a pilot program pursuant to subsection*
9 *(a), the Director shall—*

10 (1) *ensure that any data collected pursuant to*
11 *such pilot program that is related to the health effects*
12 *of the blast overpressure exposure of a member of the*
13 *Armed Forces who participated in the pilot program*
14 *is documented and maintained by the Secretary of*
15 *Defense in an electronic health record for the member;*
16 *and*

17 (2) *to the extent practicable, and in accordance*
18 *with applicable provisions of law relating to data*
19 *privacy, make data collected pursuant to such pilot*
20 *program available to other academic and medical re-*
21 *searchers for the purpose of informing future research*
22 *and treatment options.*

1 **SEC. 772. STANDARDIZATION ACROSS DEPARTMENT OF DE-**
2 **FENSE OF POLICIES RELATING TO SERVICE**
3 **BY INDIVIDUALS DIAGNOSED WITH HBV.**

4 (a) *IN GENERAL.*—*The Secretary of Defense, in coordi-*
5 *nation with the Secretaries concerned, shall—*

6 (1) *review regulations, establish policies, and*
7 *issue guidance relating to service by individuals diag-*
8 *nosed with HBV, consistent with the health care*
9 *standards and clinical guidelines of the Department*
10 *of Defense; and*

11 (2) *identify areas where regulations, policies,*
12 *and guidance of the Department relating to individ-*
13 *uals diagnosed with HBV (including with respect to*
14 *enlistments, assignments, deployments, and retention*
15 *standards) may be standardized across the Armed*
16 *Forces.*

17 (b) *AWARENESS, EDUCATION, AND TRAINING.*—

18 (1) *REVIEWS AND RECOMMENDATIONS.*—*The*
19 *Secretary of Defense shall—*

20 (A) *conduct a review of the education,*
21 *training, and resources furnished to members of*
22 *the Armed Forces regarding the regulations and*
23 *policies of the Department of Defense that govern*
24 *the screening, documentation, treatment, man-*
25 *agement, and practice standards for individuals*
26 *diagnosed with HBV, including a review of the*

1 *awareness and understanding of such policies*
2 *within clinical settings;*

3 *(B) conduct a review of the resources and*
4 *support services furnished to members of the*
5 *Armed Forces diagnosed with HBV, including*
6 *any resources containing information on—*

7 *(i) the health care options of the mem-*
8 *ber; or*

9 *(ii) regulations or policies of the De-*
10 *partment relating to such diagnosed mem-*
11 *bers; and*

12 *(C) identify recommendations, based on the*
13 *findings of the reviews conducted under sub-*
14 *sections (A) and (B), to improve the awareness*
15 *and understanding of regulations and policies of*
16 *the Department for individuals diagnosed with*
17 *HBV.*

18 *(2) PROVISION OF EDUCATION, TRAINING, RE-*
19 *SOURCES, AND SUPPORT.—The Secretary of Defense,*
20 *taking into account the recommendations under para-*
21 *graph (1)(C), shall provide to members of the Armed*
22 *Forces—*

23 *(A) education, training, and resources to*
24 *increase awareness and understanding of the reg-*
25 *ulations and policies of the Department of De-*

1 *fense that govern the screening, documentation,*
2 *treatment, management, and practice standards*
3 *for individuals diagnosed with HBV, including*
4 *in health care settings; and*

5 *(B) in the case of members of the Armed*
6 *Forces diagnosed with HBV, education, re-*
7 *sources, and support services regarding the regu-*
8 *lations and policies of the Department relating*
9 *to such diagnosed members, including with re-*
10 *spect to enlistments, assignments, deployments,*
11 *retention standards, and health care services*
12 *available to such members.*

13 *(c) DEFINITIONS.—In this section:*

14 *(1) The term “HBV” means the Hepatitis B*
15 *Virus.*

16 *(2) The term “Secretary concerned” has the*
17 *meaning given that term in section 101 of title 10,*
18 *United States Code.*

19 **SEC. 773. CERTIFICATION PROGRAM IN PROVISION OF MEN-**
20 **TAL HEALTH SERVICES TO MEMBERS OF THE**
21 **ARMED FORCES, VETERANS, AND MILITARY**
22 **FAMILIES.**

23 *(a) IN GENERAL.—The Secretary of Defense, in con-*
24 *sultation with the Secretary of Veterans Affairs and the*
25 *President of the Uniformed Services University of the*

1 *Health Sciences, shall develop a curriculum and certifi-*
2 *cation program to provide civilian mental health profes-*
3 *sionals and students in mental health-related disciplines*
4 *with the specialized knowledge and skills necessary to ad-*
5 *dress the unique mental health needs of members of the*
6 *Armed Forces, veterans, and military families.*

7 (b) *IMPLEMENTATION.*—Not later than 90 days after
8 completing the development of the curriculum and certifi-
9 cation program under subsection (a), the Secretary of De-
10 fense shall implement such curriculum and certification
11 program in the Uniformed Services University of the
12 Health Sciences.

13 (c) *AUTHORITY TO DISSEMINATE BEST PRACTICES.*—
14 The Secretary of Defense may disseminate best practices
15 based on the curriculum and certification program devel-
16 oped and implemented under this section to other institu-
17 tions of higher education.

18 (d) *TERMINATION.*—The authority to carry out the
19 curriculum and certification program under this section
20 shall terminate on the date that is five years after the date
21 of the enactment of this Act.

22 (e) *REPORT.*—Not later than 180 days after the termi-
23 nation date specified in subsection (d), the Secretary of De-
24 fense shall submit to the appropriate congressional commit-
25 tees a report on the results of the curriculum and certifi-

1 cation program developed and implemented under this sec-
2 tion.

3 (f) *DEFINITIONS.*—*In this section:*

4 (1) The term “appropriate congressional com-
5 mittees” means—

6 (A) the Committee on Armed Services and
7 the Committee on Energy and Commerce of the
8 House of Representatives; and

9 (B) the Committee on Armed Services and
10 the Committee on Health, Education, Labor, and
11 Pensions of the Senate.

12 (2) The term “institution of higher education”
13 has the meaning given that term in section 102 of the
14 Higher Education Act of 1965 (20 U.S.C. 1002).

15 **SEC. 774. PILOT PROGRAM ON CRYOPRESERVATION AND**
16 **STORAGE.**

17 (a) *PILOT PROGRAM.*—*The Secretary of Defense shall*
18 *establish a pilot program to provide not more than 1,000*
19 *members of the Armed Forces serving on active duty with*
20 *the opportunity to cryopreserve and store their gametes*
21 *prior to deployment in support of combat or special oper-*
22 *ations.*

23 (b) *PERIOD.*—

24 (1) *IN GENERAL.*—*The Secretary shall provide*
25 *for the cryopreservation and storage of gametes of a*

1 *participating member of the Armed Forces under sub-*
2 *section (a), at no cost to the member, in a facility of*
3 *the Department of Defense or at a private entity pur-*
4 *suant to an agreement under subsection (d) until the*
5 *date that is one year after the retirement, separation,*
6 *or release of the member from the Armed Forces.*

7 (2) *CONTINUED CRYOPRESERVATION AND STOR-*
8 *AGE.—At the end of the one-year period specified in*
9 *paragraph (1), the Secretary shall authorize an indi-*
10 *vidual whose gametes were cryopreserved and stored*
11 *in a facility of the Department as described in such*
12 *paragraph to select, including pursuant to an ad-*
13 *vance medical directive or military testamentary in-*
14 *strument completed under subsection (c), one of the*
15 *following options:*

16 (A) *To continue such cryopreservation and*
17 *storage in such facility with the cost of such*
18 *cryopreservation and storage borne by the indi-*
19 *vidual.*

20 (B) *To transfer the gametes to a private*
21 *cryopreservation and storage facility selected by*
22 *the individual.*

23 (C) *To authorize the Secretary to dispose of*
24 *the gametes of the individual not earlier than the*
25 *date that is 90 days after the end of the one-year*

1 *period specified in paragraph (1) with respect to*
2 *the individual.*

3 (c) *ADVANCE MEDICAL DIRECTIVE AND MILITARY*
4 *TESTAMENTARY INSTRUMENT.*—*A member of the Armed*
5 *Forces who elects to cryopreserve and store their gametes*
6 *under this section shall complete an advance medical direc-*
7 *tive described in section 1044c(b) of title 10, United 25*
8 *States Code, and a military testamentary instrument de-*
9 *scribed in section 1044d(b) of such title, that explicitly*
10 *specifies the use of their cryopreserved and stored gametes*
11 *if such member dies or otherwise loses the capacity to con-*
12 *sent to the use of their cryopreserved and stored gametes.*

13 (d) *AGREEMENTS.*—*To carry out this section, the Sec-*
14 *retary—*

15 (1) *may enter into agreements with private enti-*
16 *ties that provide cryopreservation and storage services*
17 *for gametes; and*

18 (2) *in selecting such private entities with which*
19 *to enter into agreements, shall (to the maximum ex-*
20 *tent practicable) select such private entities that offer*
21 *multi-site storage and fertility testing services prior*
22 *to cryopreservation.*

1 **SEC. 775. PILOT PROGRAM FOR PARTICIPATION BY MEM-**
2 **BERS OF SELECTED RESERVE IN HEALTH**
3 **PROFESSIONS SCHOLARSHIP AND FINANCIAL**
4 **ASSISTANCE PROGRAMS.**

5 (a) *PILOT PROGRAM.*—Notwithstanding section 2123
6 of title 10, United States Code, and in accordance with such
7 regulations as may be prescribed by the Secretary of Defense
8 for the purpose of carrying out this section, each Secretary
9 of a military department shall carry out a pilot program
10 under which that Secretary may modify service obligations
11 for certain individuals under the health professions scholar-
12 ship and financial assistance program of that military de-
13 partment, to expand participation in such program to such
14 individuals.

15 (b) *ELIGIBILITY.*—To be eligible for participation in
16 the pilot program under subsection (a), in addition to meet-
17 ing the eligibility requirements under section 2122 of title
18 10, United States Code, an individual may not have pre-
19 viously been a member of the health professions scholarship
20 and financial assistance program.

21 (c) *CONDITIONS ON PARTICIPATION.*—

22 (1) *IN GENERAL.*—As a condition of partici-
23 pating in the pilot program under subsection (a), an
24 individual eligible under subsection (b) shall enter
25 into an agreement with the Secretary of the military

1 *department concerned pursuant to which the indi-*
2 *vidual agrees—*

3 *(A) to participate as a member of the health*
4 *professions scholarship and financial assistance*
5 *program of that military department;*

6 *(B) to complete courses of study and spe-*
7 *cialized training under such program in a health*
8 *profession discipline designated by that Sec-*
9 *retary as a critically needed wartime discipline;*
10 *and*

11 *(C) upon completion of participation in*
12 *such program, to satisfy, in lieu of the active*
13 *duty obligation under section 2123 of title 10,*
14 *United States Code, a service obligation in the*
15 *Selected Reserve of the Ready Reserve of that*
16 *military department for the period described in*
17 *paragraph (2).*

18 *(2) LENGTH OF PERIOD OF SERVICE.—The pe-*
19 *riod described in this paragraph is a period of time*
20 *of a length determined by the Secretary of the mili-*
21 *tary department concerned, except that such period*
22 *may not be shorter than a period equal to—*

23 *(A) each year of participation in the health*
24 *professions scholarship and financial assistance*

1 program pursuant to paragraph (1)(A) multi-
2 plied by two and a half; plus

3 (B) if such participation was for a period
4 of two years or fewer, an additional two and a
5 half years.

6 (3) *DETAILS OF SERVICE OBLIGATION.*—Unless
7 otherwise specified by the Secretary of the military
8 department concerned—

9 (A) any period of time spent in intern or
10 residency training shall not be creditable in sat-
11 isfying the service obligation under paragraph
12 (1)(C);

13 (B) any period of time used to satisfy an-
14 other military service obligation shall not be
15 creditable in satisfying the service obligation
16 under paragraph (1)(C); and

17 (C) the period described in paragraph (2)
18 shall be a consecutive period of time.

19 (4) *FAILURE TO COMPLETE.*—

20 (A) *ALTERNATIVE OBLIGATIONS.*—A partic-
21 ipant in the pilot program under subsection (a)
22 who is relieved of the service obligation under
23 paragraph (1)(C) before the completion of that
24 service obligation may be given, with or without
25 the consent of the participant, either of the fol-

1 *lowing alternative obligations, as determined by*
2 *the Secretary of the military department con-*
3 *cerned:*

4 *(i) A service obligation in the Selected*
5 *Reserve of the Ready Reserve of another*
6 *military department for a period of time*
7 *not less than the remaining service obliga-*
8 *tion of the participant.*

9 *(ii) Repayment to the Secretary of De-*
10 *fense of a percentage of the total cost in-*
11 *curring by the Secretary under such pilot*
12 *program on behalf of the member pursuant*
13 *to the repayment provisions of section*
14 *303a(e) or 373 of title 37, United States*
15 *Code.*

16 *(B) CIVILIAN EMPLOYEE ALTERNATIVE.—In*
17 *addition to the alternative obligations specified*
18 *in subparagraph (A), if a participant in the*
19 *pilot program under subsection (a) is relieved of*
20 *the service obligation under paragraph (1)(C) by*
21 *reason of the separation of the participant be-*
22 *cause of a physical disability, the Secretary of*
23 *the military department concerned may give the*
24 *participant a service obligation as a civilian em-*
25 *ployee employed as a health care professional in*

1 *a facility of the uniformed services for a period*
2 *of time determined by that Secretary, but not to*
3 *exceed the remaining service obligation of the*
4 *participant.*

5 *(d) METRICS AND EVALUATIONS.—The Secretary of*
6 *Defense shall establish metrics, and carry out evaluations*
7 *using such metrics, to determine the effectiveness of the pilot*
8 *program under subsection (a).*

9 *(e) TERMINATION.—The authority to carry out the*
10 *pilot program under subsection (a) shall terminate on Octo-*
11 *ber 1, 2027.*

12 *(f) BRIEFINGS.—Not later than 180 days prior to the*
13 *date on which the pilot program under subsection (a) termi-*
14 *nates, each Secretary of a military department shall pro-*
15 *vide to the Committees on Armed Services of the House of*
16 *Representatives and the Senate a briefing on the effective-*
17 *ness of the pilot program.*

18 *(g) DEFINITIONS.—In this section:*

19 *(1) The terms “course of study” and “specialized*
20 *training” have the meaning given those terms in sec-*
21 *tion 2120 of title 10, United States Code.*

22 *(2) The term “health professions scholarship and*
23 *financial assistance program” has the meaning given*
24 *the term “program” under such section.*

1 (3) *The term “member of the health professions*
2 *scholarship and financial assistance program” has*
3 *the meaning given the term “member of the program”*
4 *under such section.*

5 **SEC. 776. PILOT PROGRAM ON ENSURING PHARMA-**
6 **CEUTICAL SUPPLY STABILITY.**

7 (a) *IN GENERAL.*—*Not later than January 1 2024, the*
8 *Secretary of Defense, acting through the Director of the De-*
9 *fense Logistics Agency, shall establish a pilot program to*
10 *acquire, manage, and replenish a 180-day supply of at least*
11 *30 commonly used generic drugs at risk of shortage under*
12 *the military health system as a result of a pharmaceutical*
13 *supply chain disruption, to ensure the stability of such sup-*
14 *ply.*

15 (b) *MILITARY MEDICAL TREATMENT FACILITIES.*—
16 *The Secretary of Defense shall select for participation in*
17 *the pilot program established under subsection (a) not fewer*
18 *than five military medical treatment facilities that are—*

19 (1) *located in the continental United States; and*
20 (2) *at the greatest risk of pharmaceutical supply*
21 *chain disruption, as determined by the Secretary.*

22 (c) *ELEMENTS.*—*In carrying out the pilot program es-*
23 *tablished under subsection (a), the Secretary of Defense*
24 *shall—*

1 (1) *use the systems and processes of the Direct*
2 *Vendor Delivery System established by section 352 of*
3 *the National Defense Authorization Act for Fiscal*
4 *Year 1996 (Public Law 104–106; 10 U.S.C. 2458*
5 *note);*

6 (2) *include the establishment of a vendor man-*
7 *aged inventory approach to pharmaceutical distribu-*
8 *tion, to acquire, manage, and replenish the vendor-*
9 *held supply described in subsection (a) to prevent*
10 *product expiration and shortages; and*

11 (3) *ensure guaranteed Department of Defense ac-*
12 *cess to the vendor managed inventory approach speci-*
13 *fied in paragraph (2).*

14 (d) *TERMINATION.*—*The pilot program established*
15 *under this section shall terminate on the date that is three*
16 *years after the date of the enactment of this Act.*

17 (e) *INITIAL REPORT.*—*Not later than 30 days after the*
18 *date of the establishment of the pilot program under sub-*
19 *section (a), the Secretary of Defense shall submit to the*
20 *Committees on Armed Services of the House of Representa-*
21 *tives and Senate a report on the design of the pilot pro-*
22 *gram. Such report shall include—*

23 (1) *a description of the military medical treat-*
24 *ment facilities selected under subsection (b) and the*

1 *generic drugs selected for the pilot program pursuant*
2 *to subsection (a);*

3 (2) *the plan for the implementation and man-*
4 *agement of the pilot program; and*

5 (3) *key performance indicators to measure the*
6 *success of the pilot program in ensuring the avail-*
7 *ability of generic drugs selected for the pilot program*
8 *pursuant to subsection (a).*

9 (f) *FINAL REPORT.*—*Not later than 180 days after the*
10 *termination date under subsection (d), the Secretary of De-*
11 *fense shall submit to the Committees on Armed Services of*
12 *the House of Representatives and Senate a final report on*
13 *the results of the pilot program. The report shall include—*

14 (1) *measurements of key performance indicators*
15 *identified in the initial report required under sub-*
16 *section (e);*

17 (2) *an analysis of the success of the pilot pro-*
18 *gram in preventing shortages of commonly used ge-*
19 *neric drugs within the military medical treatment fa-*
20 *cilities selected under subsection (b); and*

21 (3) *recommendations for further expansions of*
22 *the pilot program, including any legislative or regu-*
23 *latory proposals the Secretary determines would re-*
24 *duce supply chain risk to commonly used generic*
25 *drugs under the military health system.*

1 (g) *DEFINITIONS.—In this section:*

2 (1) *The term “generic drug” means a drug (as*
3 *defined in section 201 of the Federal Food, Drug, and*
4 *Cosmetic Act (21 U.S.C. 231)) that is approved pur-*
5 *suant to section 505(j) of such Act (21 U.S.C. 355(j)).*

6 (2) *The term “pharmaceutical supply chain dis-*
7 *ruption” means a disruption described in the report*
8 *of the Inspector General of the Department of Defense*
9 *titled “Evaluation of the Department of Defense’s*
10 *Mitigation of Foreign Suppliers in the Pharma-*
11 *ceutical Supply Chain” (DODIG-2021-126) and pub-*
12 *lished on September 20, 2021.*

13 **SEC. 777. ESTABLISHMENT OF PARTNERSHIP PROGRAM BE-**
14 **TWEEN UNITED STATES AND UKRAINE FOR**
15 **MILITARY TRAUMA CARE AND RESEARCH.**

16 *Not later than February 24, 2023, the Secretary of De-*
17 *fense shall seek to enter into a partnership with the appro-*
18 *priate counterpart from the Government of Ukraine for the*
19 *establishment of a joint program on military trauma care*
20 *and research. Such program shall consist of the following:*

21 (1) *The sharing of relevant lessons learned from*
22 *the Russo-Ukraine War.*

23 (2) *The conduct of relevant joint conferences and*
24 *exchanges with military medical professionals from*
25 *Ukraine and the United States.*

1 (3) *Collaboration with the armed forces of*
2 *Ukraine on matters relating to health policy, health*
3 *administration, and medical supplies and equipment,*
4 *including through knowledge exchanges.*

5 (4) *The conduct of joint research and develop-*
6 *ment on the health effects of new and emerging weap-*
7 *ons.*

8 (5) *The entrance into agreements with military*
9 *medical schools of Ukraine for reciprocal education*
10 *programs under which students at the Uniformed*
11 *Services University of the Health Sciences receive spe-*
12 *cialized military medical instruction at the such*
13 *military medical schools of Ukraine and military*
14 *medical personnel of Ukraine receive specialized mili-*
15 *tary medical instruction at the Uniformed Services*
16 *University of the Health Sciences, pursuant to section*
17 *2114(f) of title 10, United States Code.*

18 (6) *The provision of support to Ukraine for the*
19 *purpose of facilitating the establishment in Ukraine*
20 *of a program substantially similar to the Wounded*
21 *Warrior Program in the United States.*

22 (7) *The provision of training to the armed forces*
23 *of Ukraine in the following areas:*

1 (A) *Health matters relating to chemical, bi-*
2 *ological, radiological, nuclear and explosive*
3 *weapons.*

4 (B) *Preventive medicine and infectious dis-*
5 *ease.*

6 (C) *Post traumatic stress disorder.*

7 (D) *Suicide prevention.*

8 (8) *The maintenance of a list of medical supplies*
9 *and equipment needed.*

10 (9) *Such other elements as the Secretary of De-*
11 *fense may determine appropriate.*

12 **SEC. 778. GRANT PROGRAM FOR INCREASED COOPERATION**
13 **ON POST-TRAUMATIC STRESS DISORDER RE-**
14 **SEARCH BETWEEN UNITED STATES AND**
15 **ISRAEL.**

16 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
17 *that the Secretary of Defense, acting through the Psycho-*
18 *logical Health and Traumatic Brain Injury Research Pro-*
19 *gram, should seek to explore scientific collaboration between*
20 *American academic institutions and nonprofit research en-*
21 *tities, and Israeli institutions with expertise in researching,*
22 *diagnosing, and treating post-traumatic stress disorder.*

23 (b) *GRANT PROGRAM.—The Secretary of Defense, in*
24 *coordination with the Secretary of Veterans Affairs and the*
25 *Secretary of State, shall award grants to eligible entities*

1 *to carry out collaborative research between the United*
2 *States and Israel with respect to post-traumatic stress dis-*
3 *orders. The Secretary of Defense shall carry out the grant*
4 *program under this section in accordance with the agree-*
5 *ment titled “Agreement Between the Government of the*
6 *United States of America and the Government of Israel on*
7 *the United States-Israel Binational Science Foundation”,*
8 *dated September 27, 1972.*

9 (c) *ELIGIBLE ENTITIES.—To be eligible to receive a*
10 *grant under this section, an entity shall be an academic*
11 *institution or a nonprofit entity located in the United*
12 *States.*

13 (d) *AWARD.—The Secretary shall award grants under*
14 *this section to eligible entities that—*

15 (1) *carry out a research project that—*

16 (A) *addresses a requirement in the area of*
17 *post-traumatic stress disorders that the Secretary*
18 *determines appropriate to research using such*
19 *grant; and*

20 (B) *is conducted by the eligible entity and*
21 *an entity in Israel under a joint research agree-*
22 *ment; and*

23 (2) *meet such other criteria that the Secretary*
24 *may establish.*

1 (e) *APPLICATION.*—To be eligible to receive a grant
2 under this section, an eligible entity shall submit an appli-
3 cation to the Secretary at such time, in such manner, and
4 containing such commitments and information as the Sec-
5 retary may require.

6 (f) *GIFT AUTHORITY.*—The Secretary may accept,
7 hold, and administer, any gift of money made on the condi-
8 tion that the gift be used for the purpose of the grant pro-
9 gram under this section. Such gifts of money accepted under
10 this subsection shall be deposited in the Treasury in the De-
11 partment of Defense General Gift Fund and shall be avail-
12 able, subject to appropriation, without fiscal year limita-
13 tion.

14 (g) *REPORTS.*—Not later than 180 days after the date
15 on which an eligible entity completes a research project
16 using a grant under this section, the Secretary shall submit
17 to Congress a report that contains—

18 (1) a description of how the eligible entity used
19 the grant; and

20 (2) an evaluation of the level of success of the re-
21 search project.

22 (h) *TERMINATION.*—The authority to award grants
23 under this section shall terminate on the date that is 7 years
24 after the date on which the first such grant is awarded.

1 **SEC. 779. SUICIDE CLUSTER: STANDARDIZED DEFINITION**
2 **FOR USE BY DEPARTMENT OF DEFENSE; CON-**
3 **GRESSIONAL NOTIFICATION.**

4 (a) *STANDARDIZATION OF DEFINITION.*—Not later
5 than one year after the date of the enactment of this Act,
6 the Secretary of Defense, in consultation with the Secre-
7 taries concerned, shall develop, for use across the Armed
8 Forces, a standardized definition for the term “suicide clus-
9 ter”.

10 (b) *NOTIFICATION REQUIRED.*—Beginning not later
11 than one year after the date of the enactment of this Act,
12 whenever the Secretary determines the occurrence of a sui-
13 cide cluster (as that term is defined pursuant to subsection
14 (a)) among members of the Armed Forces, the Secretary
15 shall submit to the appropriate congressional committees a
16 notification of such determination.

17 (c) *COORDINATION REQUIRED.*—In developing the def-
18 inition under subsection (a) and the process for submitting
19 required notifications under subsection (b), the Secretary
20 of Defense shall coordinate with the Secretaries concerned.

21 (d) *BRIEFING.*—Not later than April 1, 2023, the Sec-
22 retary of Defense shall provide to the appropriate congres-
23 sional committees a briefing on the following:

24 (1) *The methodology being used in the develop-*
25 *ment of the definition under subsection (a).*

1 (2) *The progress made towards the development*
2 *of the process for submitting required notifications*
3 *under subsection (b).*

4 (3) *An estimated timeline for the implementa-*
5 *tion of this section.*

6 (e) *DEFINITIONS.—In this section:*

7 (1) *The term “appropriate congressional com-*
8 *mittees” means the following:*

9 (A) *The Committee on Armed Services of*
10 *the House of Representatives.*

11 (B) *The Committee on Armed Services of*
12 *the Senate.*

13 (C) *The Committee on Transportation and*
14 *Infrastructure of the House of Representatives.*

15 (D) *The Committee on Commerce, Science,*
16 *and Transportation of the Senate.*

17 (2) *The term “Secretary concerned” has the*
18 *meaning given that term in section 101 of title 10,*
19 *United States Codes.*

20 **SEC. 780. LIMITATION ON REALIGNMENT OR REDUCTION**
21 **OF MILITARY MEDICAL MANNING END**
22 **STRENGTH: CERTIFICATION REQUIREMENT**
23 **AND OTHER REFORMS.**

24 (a) *LIMITATION.—*

1 (1) *IN GENERAL.*—*In addition to the limitation*
2 *under section 719 of the National Defense Authoriza-*
3 *tion Act for Fiscal Year 2020 (Public Law 116–92;*
4 *133 Stat. 1454), as most recently amended by section*
5 *731 of the National Defense Authorization Act for*
6 *Fiscal Year 2022 (Public Law 117–81; 135 Stat.*
7 *1795), the Secretary of Defense and the Secretaries*
8 *concerned may not realign or reduce military medical*
9 *end strength authorizations during the period de-*
10 *scribed in paragraph (2), and after such period, may*
11 *not realign or reduce such authorizations unless—*

12 (A) *the report is submitted under subsection*
13 *(b); and*

14 (B) *the certification is submitted under sub-*
15 *section (c).*

16 (2) *COVERED PERIOD.*—*The period described in*
17 *this paragraph is a period of at least three years that*
18 *begins on the date of the enactment of this Act.*

19 (b) *REPORT ON COMPOSITION OF MILITARY MEDICAL*
20 *WORKFORCE REQUIREMENTS.*—*The Secretary of Defense,*
21 *in coordination with the Secretaries of the military depart-*
22 *ments, shall conduct an assessment of military medical*
23 *manning requirements and submit to Committees on Armed*
24 *Services of the House of Representatives and the Senate a*

1 *report containing the findings of such assessment. Such as-*
2 *essment shall be informed by the following:*

3 (1) *The National Defense Strategy submitted*
4 *under section 113(g) of title 10, United States Code.*

5 (2) *The National Military Strategy prepared*
6 *under section 153(b) of such title.*

7 (3) *The campaign plans of the combatant com-*
8 *mands.*

9 (4) *Theater strategies.*

10 (5) *The joint medical estimate under section 732*
11 *of the John S. McCain National Defense Authoriza-*
12 *tion Act for Fiscal Year 2019 (Public Law 115–232;*
13 *132 Stat. 1817).*

14 (6) *The plan of the Department of Defense on in-*
15 *tegrated medical operations, as updated pursuant to*
16 *paragraph (1) of section 724(a) of the National De-*
17 *fense Authorization Act for Fiscal Year 2022 (Public*
18 *Law 117–81; 135 Stat. 1793; 10 U.S.C. 1096 note).*

19 (7) *The plan of the Department of Defense on*
20 *global patient movement, as updated pursuant to*
21 *paragraph (2) of such section.*

22 (8) *The biosurveillance program of the Depart-*
23 *ment of Defense established pursuant to Department*
24 *of Defense Directive 6420.02 (relating to biosurveil-*
25 *lance).*

1 (9) *Requirements for graduate medical edu-*
2 *cation.*

3 (10) *The report of the COVID–19 Military*
4 *Health System Review Panel under section 731 of the*
5 *William M. (Mac) Thornberry National Defense Au-*
6 *thorization Act for Fiscal Year 2021 (Public Law*
7 *116–283; 134 Stat. 3698).*

8 (11) *The report of the Inspector General of the*
9 *Department of Defense titled “Evaluation of Depart-*
10 *ment of Defense Military Medical Treatment Facility*
11 *Challenges During the Coronavirus Disease-2019*
12 *(COVID-19) Pandemic in Fiscal Year 2021 (DODIG-*
13 *2022-081)” and published on April 5, 2022.*

14 (12) *Such other reports as may be determined*
15 *appropriate by the Secretary of Defense.*

16 (c) *CERTIFICATION.*—*The Secretary of Defense shall*
17 *submit to the Committees on Armed Services of the House*
18 *of Representatives and the Senate a certification containing*
19 *the following:*

20 (1) *A certification of the completion of a com-*
21 *prehensive review of military medical manning, in-*
22 *cluding with respect to the medical corps (or other*
23 *health- or medical-related component of a military*
24 *department), designator, profession, occupation, and*
25 *rating of medical personnel.*

1 (2) *A justification for any proposed increase, re-*
2 *alignment, reduction, or other change to the specialty*
3 *and occupational composition of military medical*
4 *end strength authorizations, which may include com-*
5 *pliance with a requirement or recommendation set*
6 *forth in a strategy, plan, or other matter specified in*
7 *subsection (b).*

8 (3) *A certification that, in the case that any*
9 *change to such specialty or occupational composition*
10 *is required, a vacancy resulting from such change*
11 *may not be filled with a position other than a health-*
12 *or medical-related position until such time as there*
13 *are no military medical billets remaining to fill the*
14 *vacancy.*

15 (4) *A risk analysis associated with the potential*
16 *realignment or reduction of any military medical end*
17 *strength authorizations.*

18 (5) *An identification of any plans of the Depart-*
19 *ment to backfill military medical personnel positions*
20 *with civilian personnel.*

21 (6) *A plan to address persistent vacancies for ci-*
22 *vilian personnel in health- or medical-related posi-*
23 *tions, and a risk analysis associated with the hiring,*
24 *onboarding, and retention of such civilian personnel,*

1 *taking into account provider shortfalls across the*
2 *United States.*

3 *(7) A comprehensive plan to mitigate any risk*
4 *identified pursuant to paragraph (4) or (6), includ-*
5 *ing with respect to funding necessary for such mitiga-*
6 *tion across fiscal years.*

7 *(d) INTERIM BRIEFINGS AND FINAL REPORT.—*

8 *(1) INITIAL BRIEFING.—Not later than April 1,*
9 *2023, the Secretary of Defense shall provide to the*
10 *Committees on Armed Services of the House of Rep-*
11 *resentatives and the Senate a briefing on how the Sec-*
12 *retary plans to meet the report requirement under*
13 *subsection (b) and the certification requirement under*
14 *subsection (c).*

15 *(2) BRIEFING ON PROGRESS.—Not later than*
16 *two years after the date of the enactment of this Act,*
17 *the Secretary of Defense shall provide to the Commit-*
18 *tees on Armed Services of the House of Representa-*
19 *tives and the Senate a briefing on the progress made*
20 *towards completion of such requirements.*

21 *(3) FINAL REPORT.—Not later than three years*
22 *after the date of the enactment of this Act, the Sec-*
23 *retary of Defense shall submit to the Committees on*
24 *Armed Services of the House of Representatives and*
25 *the Senate a final report on the completion of such*

1 *requirements. Such final report shall be in addition*
2 *to the report required under subsection (b) and the*
3 *certification required under subsection (c).*

4 *(e) DEFINITIONS.—In this section:*

5 *(1) The term “medical personnel” has the mean-*
6 *ing given such term in section 115a(e) of such title.*

7 *(2) The term “theater strategy” means an over-*
8 *arching construct outlining the vision of a combatant*
9 *commander for the integration and synchronization of*
10 *military activities and operations with other national*
11 *power instruments to achieve the strategic objectives*
12 *of the United States.*

13 **SEC. 781. REVIEW AND UPDATE OF POLICY RELATING TO**
14 **COMMAND NOTIFICATION PROCESS AND RE-**
15 **DUCTION OF MENTAL HEALTH STIGMA.**

16 *(a) REVIEW AND UPDATE.—*

17 *(1) IN GENERAL.—Not later than October 1,*
18 *2023, the Secretary of Defense, in coordination with*
19 *the Secretaries of the military departments, shall re-*
20 *view and update the Department of Defense Instruc-*
21 *tion 6490.08, titled “Command Notification Require-*
22 *ments to Dispel Stigma in Providing Mental Health*
23 *Care to Service Members”, or any successor instruc-*
24 *tion.*

1 (2) *ELEMENTS.*—*In carrying out the review and*
2 *update of the instruction under paragraph (1), the*
3 *Secretary shall ensure the updated version—*

4 (A) *provides health care providers with*
5 *clear guidance on the process and timeline for*
6 *making a required command notification;*

7 (B) *provides for the protection of the pri-*
8 *vacancy of mental health information shared*
9 *through such notification process, including by—*

10 (i) *restricting access to such informa-*
11 *tion to personnel for whom such specific*
12 *knowledge is necessary for the conduct of of-*
13 *ficial duties;*

14 (ii) *requiring that military com-*
15 *manders, and any other personnel with ac-*
16 *cess to such information, treat such infor-*
17 *mation as any other health information, in-*
18 *cluding with respect to applicable privacy*
19 *laws; and*

20 (iii) *setting forth updated training re-*
21 *quirements for military commanders on the*
22 *treatment of such information; and*

23 (C) *directs military commanders to take*
24 *steps to further reduce the stigma of mental*
25 *health among members of the Armed Forces, in-*

1 cluding by promoting mental health care as
2 equivalent to other types of health care.

3 **(b) REPORT.**—Not later than April 1, 2023, the Sec-
4 retary of Defense shall submit to the Committees on Armed
5 Services of the House of Representatives and the Senate a
6 report on the progress made towards the completion of the
7 review and update under subsection (a).

8 **TITLE VIII—ACQUISITION POL-**
9 **ICY, ACQUISITION MANAGE-**
10 **MENT, AND RELATED MAT-**
11 **TERS**

12 **Subtitle A—Acquisition Policy and**
13 **Management**

14 **SEC. 801. WRITING AWARD TO ENCOURAGE CURIOSITY AND**
15 **PERSISTENCE IN OVERCOMING OBSTACLES**
16 **IN ACQUISITION.**

17 **(a) IN GENERAL.**—Chapter 87 of title 10, United
18 States Code, is amended by inserting after section 1742 the
19 following new section:

20 **“§1743. Writing award to encourage curiosity and**
21 **persistence in overcoming obstacles in the**
22 **defense acquisition system**

23 **“(a) ESTABLISHMENT.**—The President of the Defense
24 Acquisition University shall establish an award to recognize
25 members of the acquisition workforce who use an iterative

1 *writing process to document a first-hand account of using*
2 *independent judgment to overcome an obstacle the member*
3 *faced while working within the defense acquisition system*
4 *(as defined in section 3001 of this title).*

5 “(b) *SUBMISSION REQUIRED.*—*A member of the acqui-*
6 *sition workforce desiring an award under this section shall*
7 *submit to the President such first-hand account.*

8 “(c) *AMOUNT OF AWARD.*—*A recipient of an award*
9 *under this section shall receive \$10,000.*

10 “(d) *NUMBER OF AWARDS.*—*The President of the De-*
11 *fense Acquisition University may make not more than five*
12 *awards each year.*

13 “(e) *WEBPAGE.*—*The President of the Defense Acquisi-*
14 *tion University shall establish and maintain a webpage to*
15 *serve as a repository for submissions made under subsection*
16 *(b). Such webpage shall allow for public comments and dis-*
17 *cussion.*

18 “(f) *CONTENTS OF SUBMISSION.*—*The recipient of an*
19 *award under this section shall demonstrate in the submis-*
20 *sion described under subsection (b)—*

21 “(1) *an original and engaging idea documenting*
22 *the use of independent judgment to overcome an ob-*
23 *stacle the recipient faced while working within the de-*
24 *fense acquisition system; and*

1 “(2) *the use of an iterative writing process, in-*
2 *cluding evidence of—*

3 “(A) *critical thinking;*

4 “(B) *incorporation of feedback from diverse*
5 *perspectives; and*

6 “(C) *editing to achieve plain writing (as*
7 *defined in section 3 of the Plain Writing Act of*
8 *2010 (5 U.S.C. 301 note)).*

9 “(g) *FUNDING.—The Secretary of Defense shall use*
10 *funds from the Defense Acquisition Workforce Development*
11 *Account to carry out this section.”.*

12 (b) *CLERICAL AMENDMENT.—The table of sections at*
13 *the beginning of such chapter is amended by inserting after*
14 *section 1742 the following new item:*

“1743. Writing award to encourage curiosity and persistence in overcoming obsta-
cles in acquisition.”.

15 **SEC. 802. DATA REQUIREMENTS FOR COMMERCIAL ITEM**
16 **PRICING NOT BASED ON ADEQUATE PRICE**
17 **COMPETITION.**

18 (a) *INFORMATION REQUIRED.—Section 3455 of title*
19 *10, United States Code, is amended—*

20 (1) *in subsection (b)—*

21 (A) *by inserting “(1)” before “A sub-*
22 *system”;*

1 (B) by redesignating paragraphs (1) and
2 (2) as subparagraphs (A) and (B), respectively;
3 and

4 (C) by adding at the end the following new
5 paragraph:

6 “(2) With respect to a subsystem for which a con-
7 tracting officer made a determination under paragraph
8 (1)(B) and for a subsystem proposed as commercial (as de-
9 fined in section 103(1) of title 41, United States Code) and
10 that has not previously been determined commercial in ac-
11 cordance with section 3703(d) of this title, the offeror shall
12 provide the following information:

13 “(A) An identification of a comparable commer-
14 cial product that is customarily used by the general
15 public or nongovernmental entities that serves as the
16 basis for assertion that the proposed subsystem is a
17 commercial product.

18 “(B) A comparison of the essential physical
19 characteristics and functionality between the proposed
20 subsystem and the comparable commercial product in
21 support of such assertion.

22 “(C) The national stock number (as defined in
23 section 101-30.101-3 of title 41, Code of Federal Regu-
24 lations (or a successor regulation)), if available, for

1 *the comparable commercial product and the proposed*
2 *subsystem.”;*

3 *(2) in subsection (c), by adding at the end the*
4 *following new paragraph:*

5 *“(3) With respect to components or spare parts pro-*
6 *posed as commercial for which a contracting officer made*
7 *a determination under paragraph (1)(B), the offeror shall*
8 *provide the following information for components or spare*
9 *parts proposed as commercial (as defined in section 103(1)*
10 *of title 41, United States Code) and that have not pre-*
11 *viously been determined commercial in accordance with sec-*
12 *tion 3703(d) of this title:*

13 *“(A) An identification of a comparable commer-*
14 *cial product that is customarily used by the general*
15 *public or nongovernmental entities that serves as the*
16 *basis for the assertion that the proposed components*
17 *or spare parts are commercial products.*

18 *“(B) A comparison of the essential physical*
19 *characteristics and functionality between the proposed*
20 *components or spare parts and the comparable com-*
21 *mercial product in support of such assertion.*

22 *“(C) The national stock number (as defined in*
23 *section 101-30.101-3 of title 41, Code of Federal Regu-*
24 *lations (or a successor regulation)), if available, for*

1 *the comparable commercial product and the proposed*
2 *components or spare parts.”.*

3 **(b) MODIFICATIONS TO INFORMATION SUBMITTED.—**

4 *Section 3455(d) is amended—*

5 *(1) in the subsection heading, by inserting “FOR*
6 *CERTAIN PROCUREMENTS” after “SUBMITTED”;*

7 *(2) in paragraph (1)—*

8 *(A) in the matter preceding subparagraph*
9 *(A), by striking “section,” and all that follows*
10 *through “to submit” and inserting “section that*
11 *are not subject to the exceptions in section*
12 *3703(a)(1) of this title, the offeror shall be re-*
13 *quired to submit to or to provide access to the*
14 *contracting officer, on an unredacted basis”;*

15 *(B) in subparagraph (A)—*

16 *(i) by inserting “all” before “prices*
17 *paid”;* and

18 *(ii) by inserting “, and the contents of*
19 *such terms and conditions” after “commer-*
20 *cial customers”;*

21 *(C) in subparagraph (B)—*

22 *(i) by striking “information on” and*
23 *all that follows through “same or similar”*
24 *and inserting “information on prices for the*
25 *same or similar”;*

1 (ii) by striking “conditions;” and in-
2 serting “conditions, and the contents of such
3 terms and conditions; and”; and

4 (iii) by striking clauses (ii), (iii), and
5 (iv).

6 (D) in subparagraph (C)—

7 (i) by striking “reasonableness of
8 price,” and inserting the following: “reason-
9 ableness of price because the comparable
10 products provided by the offeror are not a
11 valid basis for a price analysis, or the con-
12 tracting officer determines the proposed
13 price is not reasonable after evaluating
14 prices paid, the offeror shall be required to
15 provide”; and

16 (ii) by inserting before the period at
17 the end the following: “, where a request for
18 cost data shall be approved at a level above
19 the contracting officer”.

20 **SEC. 803. PREFERENCE FOR DOMESTIC FOODS FOR MILI-**
21 **TARY WORKING DOGS.**

22 (a) *IN GENERAL.*—Chapter 287 of title 10, United
23 States Code, is amended by adding at the end the following
24 new section:

1 **“§ 3906. Preference for domestic foods for military**
2 **working dogs**

3 *“With respect to the acquisition of food for military*
4 *working dogs by the Defense Logistics Agency, the Director*
5 *of the Defense Logistic Agency shall give a preference for*
6 *the acquisition of food that is manufactured or produced—*

7 *“(1) in the United States;*

8 *“(2) by an entity that is based in the United*
9 *States; and*

10 *“(3) using only ingredients and materials that*
11 *were grown, mined, manufactured, or produced in the*
12 *United States.”.*

13 *(b) CLERICAL AMENDMENT.—The table of chapters for*
14 *chapter 287 of title 10, United States Code, is amended by*
15 *adding at the end the following new item:*

“3906. Preference for domestic food for military working dogs.”.

16 **SEC. 804. LIFE CYCLE MANAGEMENT AND PRODUCT SUP-**
17 **PORT.**

18 *Section 4324(b) of title 10, United States Code, is*
19 *amended—*

20 *(1) by designating the matter preceding subpara-*
21 *graph (A), as so redesignated, as paragraph (1);*

22 *(2) by redesignating paragraphs (1), (2), (3),*
23 *(4), (5), (6), (7), and (8) as subparagraphs (A), (B),*
24 *(C), (D), (E), (F), (G), and (I), respectively;*

25 *(3) in paragraph (1), as so designated—*

1 (A) in the matter preceding subparagraph
2 (A), as so redesignated—

3 (i) by inserting “IN GENERAL.—” be-
4 fore “Before granting” ; and

5 (ii) by inserting after “approved life
6 cycle sustainment plan” the following: “ap-
7 proved by all covered individuals for such
8 covered system”;

9 (B) by amending subparagraph (G), as so
10 redesignated, to read as follows:

11 “(G) an intellectual property management
12 plan for product support, including access to
13 technical data and computer software, as well as
14 contract delivery requirements for the data
15 rights;”;

16 (C) by inserting after subparagraph (G), as
17 so redesignated, the following new subparagraph:

18 “(H) an estimate of the number of personnel
19 needed to operate and maintain the covered sys-
20 tem;”;

21 (D) in subparagraph (I), as so redesignated,
22 by striking the period at the end and inserting
23 “; and” at the end; and

24 (E) by inserting after subparagraph (I), as
25 so redesignated, the following new subparagraph:

1 “(J) a product support business case anal-
2 ysis that—

3 “(i) addresses—

4 “(I) the costs, benefits, and risks
5 to sustainment associated with the per-
6 formance goals;

7 “(II) the engineering and design
8 considerations;

9 “(III) intellectual property, in-
10 cluding access to technical data and
11 computer software; and

12 “(IV) the number of personnel
13 needed to operate and maintain the
14 covered system; and

15 “(ii) explicitly addresses—

16 “(I) the tradeoffs made between
17 the factors described in clause (i); and

18 “(II) the associated implications
19 of such tradeoffs for—

20 “(aa) design, development,
21 production, and operating and
22 support costs;

23 “(bb) operational and mate-
24 riel availability;

1 “(cc) the mix of active and
2 reserve components of the mili-
3 tary, Government civilian em-
4 ployee, host nation support, and
5 contractor personnel to operate
6 and maintain the covered system;
7 and

8 “(dd) the ability of the Gov-
9 ernment to retain core logistics
10 capability identified under section
11 2464 and comply with the re-
12 quirements under section 2466.”;
13 and

14 (4) by adding at the end the following new para-
15 graphs:

16 “(2) *SUBSEQUENT PHASES.*—Before granting
17 approval for entry of the covered system into each
18 subsequent phase of the acquisition after the phase de-
19 scribed in section 4172(e)(7), the milestone decision
20 authority shall ensure that the life cycle sustainment
21 plan described in paragraph (1) for such covered sys-
22 tem has been updated and again approved by all cov-
23 ered individuals for such covered system.

24 “(3) *COVERED INDIVIDUALS DEFINED.*—In this
25 subsection, the term ‘covered individuals’ means—

1 “(A) a product support manager described
2 in subsection (c);

3 “(B) a program manager (as defined in sec-
4 tion 1737(a));

5 “(C) a program executive officer (as defined
6 in section 1737(a)); and

7 “(D) an appropriate materiel, logistics, or
8 fleet representative.”

9 **SEC. 805. EXTENSION OF REQUIREMENT TO SUBMIT SE-**
10 **LECTED ACQUISITION REPORTS.**

11 (a) *REPEAL OF TERMINATION.*—Section 4351 of title
12 10, United States Code, is amended by striking subsection
13 (j).

14 (b) *REPEAL OF TERMINATION OF CERTAIN ADDI-*
15 *TIONAL REPORTS.*—Section 1051(x) of the National Defense
16 Authorization Act for Fiscal Year 2018 is amended by strik-
17 ing paragraph (4).

18 **SEC. 806. AMENDMENTS TO CONTRACTOR EMPLOYEE PRO-**
19 **TECTIONS FROM REPRISAL FOR DISCLOSURE**
20 **OF CERTAIN INFORMATION.**

21 (a) *DEFENSE CONTRACTS.*—

22 (1) *ADDITION OF GRANTEES, SUBGRANTEES, AND*
23 *PERSONAL SERVICES CONTRACTORS.*—Section 4701 of
24 title 10, United States Code, is amended—

1 (A) in subsection (a), in paragraphs (2)(G)
2 and (3)(A), by striking “or subcontractor” and
3 inserting “, subcontractor, grantee, subgrantee,
4 or personal services contractor”;

5 (B) in subsection (a)(2), by adding at the
6 end the following new subparagraphs:

7 “(H) The Pandemic Response Account-
8 ability Committee (established under section
9 15010 of title V of division B of the CARES Act
10 (Public Law 116–136)).

11 “(I) The Integrity Committee of the Council
12 of the Inspectors General on Integrity and Effi-
13 ciency.”.

14 (C) in subsection (b)—

15 (i) in paragraph (1)—

16 (I) by striking “contractor con-
17 cerned” and inserting “contractor, sub-
18 contractor, grantee, subgrantee, or per-
19 sonal services contractor concerned”;

20 (II) by inserting before the period
21 at the end of the first sentence the fol-
22 lowing: “, or to the Special Inspector
23 General for Pandemic Recovery or the
24 Chair of the Pandemic Response Ac-
25 countability Committee”;

1 (III) by striking “Inspector Gen-
2 eral determines” and inserting “In-
3 spector General, Special Inspector Gen-
4 eral, or Chair (as applicable) deter-
5 mines”; and

6 (IV) by striking “Inspector Gen-
7 eral shall” and inserting “Inspector
8 General, Special Inspector General, or
9 Chair (as applicable) shall”;

10 (ii) in paragraph (2), by striking “In-
11 spector General” each place it appears and
12 inserting “Inspector General, Special In-
13 spector General, or Chair (as applicable)”;
14 and

15 (iii) in paragraph (3), by striking “In-
16 spector General” each place it appears and
17 inserting “Inspector General, Special In-
18 spector General, or Chair (as applicable)”;
19 (D) in subsection (c)—

20 (i) in the matter preceding subpara-
21 graph (A) of paragraph (1), by striking
22 “contractor concerned” and inserting “con-
23 tractor, subcontractor, grantee, subgrantee,
24 or personal services contractor concerned”;
25 and

1 (ii) in paragraph (1), by inserting
2 after “Order the contractor” each place it
3 appears the following: “, subcontractor,
4 grantee, subgrantee, or personal services
5 contractor”;

6 (iii) in paragraph (2), by inserting
7 after “contractor” the following: “, subcon-
8 tractor, grantee, subgrantee, or personal
9 services contractor”;

10 (E) in subsection (d), by striking “and sub-
11 contractors” and inserting “, subcontractors,
12 grantees, subgrantees, and personal services con-
13 tractors”; and

14 (F) in subsection (e)(2)—

15 (i) in the matter preceding subpara-
16 graph (A), by striking “or grantee of” and
17 inserting “grantee, subgrantee, or personal
18 services contractor of”; and

19 (ii) in subparagraph (B), by striking
20 “or grantee” and inserting “grantee, or sub-
21 grantee”.

22 (2) *ADDITIONAL AMENDMENTS.*—Such section is
23 further amended in subsection (c)(1) by adding at the
24 end the following new subparagraph:

1 “(D) Consider disciplinary or corrective action
2 against any Department or Administration official, if
3 appropriate.”.

4 (b) CIVILIAN AGENCY CONTRACTS.—

5 (1) IN GENERAL.—Section 4712 of title 41,
6 United States Code, is amended—

7 (A) in subsection (a)(2)(G), by striking “or
8 subgrantee” and inserting “subgrantee, or per-
9 sonal services contractor”;

10 (B) in subsection (a)(2), by adding at the
11 end the following new subparagraphs:

12 “(H) The Pandemic Response Account-
13 ability Committee (established under section
14 15010 of title V of division B of the CARES Act
15 (Public Law 116–136)).

16 “(I) The Integrity Committee of the Council
17 of the Inspectors General on Integrity and Effi-
18 ciency.”;

19 (C) in subsection (b)(1), by striking “or
20 subgrantee” and inserting “subgrantee, or per-
21 sonal services contractor”;

22 (D) in subsection (c)—

23 (i) in paragraph (1)—

24 (I) by striking “or subgrantee”
25 each place it appears and inserting

1 *“subgrantee, or personal services con-*
2 *tractor”*; and

3 *(II) by adding at the end the fol-*
4 *lowing new subparagraph:*

5 *“(D) Consider disciplinary or corrective ac-*
6 *tion against any executive branch official, if ap-*
7 *propriate.”*; and

8 *(i) in paragraph (2), by striking “or*
9 *subgrantee” and inserting “subgrantee, or*
10 *personal services contractor”*;

11 *(E) in subsection (d), by striking “and sub-*
12 *grantees” and inserting “subgrantees, and per-*
13 *sonal services contractors”*;

14 *(F) in subsection (f)(2)—*

15 *(i) in the matter preceding subpara-*
16 *graph (A), by striking “or subgrantee” and*
17 *inserting “subgrantee, or personal services*
18 *contractor”*; and

19 *(ii) in subparagraph (B), by striking*
20 *“or subgrantee” and inserting “subgrantee,*
21 *or personal services contractor”*; and

22 *(G) by amending subsection (g)(2) to read*
23 *as follows:*

1 “(2) *The term ‘Inspector General’ means any In-*
2 *pector General established by Federal law, includ-*
3 *ing—*

4 “(A) *an Inspector General appointed under*
5 *the Inspector General Act of 1978 (5 U.S.C.*
6 *App.);*

7 “(B) *the Special Inspector General for Pan-*
8 *demic Recovery;*

9 “(C) *the Special Inspector General for Af-*
10 *ghanistan Reconstruction;*

11 “(D) *the Special Inspector General for the*
12 *Troubled Asset Relief Program; and*

13 “(E) *any Inspector General that receives*
14 *funding from, or has oversight over contracts*
15 *awarded for or on behalf of, the executive agency*
16 *concerned.”.*

17 (2) *ADDITIONAL AMENDMENTS.—*

18 (A) *IN GENERAL.—Section 4705 of title 41,*
19 *United States Code, is repealed.*

20 (B) *CONFORMING AMENDMENTS.—*

21 (i) *TITLE 38.—Subchapter II of chap-*
22 *ter 7 of title 38, United States Code, is*
23 *amended—*

24 (I) *in section 731(c)(4)—*

1 (aa) by striking “section
2 4705(b) or”; and

3 (bb) by striking “, as the case
4 may be”; and

5 (II) in section 733(a)(5), by strik-
6 ing “section 4705 or”.

7 (ii) TITLE 49.—Section 40110(d)(2)(C)
8 of title 49, United States Code, is amended
9 by inserting “, as in effect immediately be-
10 fore the enactment of the National Defense
11 Authorization Act for Fiscal Year 2022,”
12 before “shall apply”.

13 **SEC. 807. ENHANCED DOMESTIC CONTENT REQUIREMENT**
14 **FOR MAJOR DEFENSE ACQUISITION PRO-**
15 **GRAMS.**

16 (a) **ASSESSMENT REQUIRED.**—

17 (1) **IN GENERAL.**—Not later than one year after
18 the date of the enactment of this Act, the Secretary of
19 Defense shall submit to the congressional defense com-
20 mittees a report assessing the domestic source content
21 of procurements carried out in connection with a
22 major defense acquisition program.

23 (2) **INFORMATION REPOSITORY.**—The Secretary
24 of Defense shall establish an information repository
25 for the collection and analysis of information related

1 to domestic source content for products the Secretary
2 deems critical, where such information can be used
3 for continuous data analysis and program manage-
4 ment activities.

5 **(b) ENHANCED DOMESTIC CONTENT REQUIREMENT.—**

6 (1) *IN GENERAL.*—*Except as provided in para-*
7 *graph (2), for purposes of chapter 83 of title 41,*
8 *United States Code, manufactured articles, materials,*
9 *or supplies procured in connection with a major de-*
10 *fense acquisition program are manufactured substan-*
11 *tially all from articles, materials, or supplies mined,*
12 *produced, or manufactured in the United States if the*
13 *cost of such component articles, materials, or sup-*
14 *plies—*

15 (A) *supplied not later than the date of the*
16 *enactment of this Act, exceeds 60 percent of cost*
17 *of the manufactured articles, materials, or sup-*
18 *plies procured;*

19 (B) *supplied during the period beginning*
20 *January 1, 2024, and ending December 31,*
21 *2028, exceeds 65 percent of the cost of the manu-*
22 *factured articles, materials, or supplies; and*

23 (C) *supplied on or after January 1, 2029,*
24 *exceeds 75 percent of the cost of the manufac-*
25 *tured articles, materials, or supplies.*

1 (2) *EXCLUSION FOR CERTAIN MANUFACTURED*
2 *ARTICLES.*—*Paragraph (1) shall not apply to manu-*
3 *factured articles that consist wholly or predominantly*
4 *of iron, steel, or a combination of iron and steel.*

5 (3) *RULEMAKING TO CREATE A FALLBACK*
6 *THRESHOLD.*—

7 (A) *IN GENERAL.*—*Not later than 180 days*
8 *after the date of the enactment of this Act, the*
9 *Secretary of Defense shall issue rules to deter-*
10 *mine the treatment of the lowest price offered for*
11 *a foreign end product for which 55 percent or*
12 *more of the component articles, materials, or*
13 *supplies of such foreign end product are manu-*
14 *factured substantially all from articles, mate-*
15 *rials, or supplies mined, produced, or manufac-*
16 *tured in the United States if—*

17 (i) *the application paragraph (1) re-*
18 *sults in an unreasonable cost; or*

19 (ii) *no offers are submitted to supply*
20 *manufactured articles, materials, or sup-*
21 *plies manufactured substantially all from*
22 *articles, materials, or supplies mined, pro-*
23 *duced, or manufactured in the United*
24 *States.*

1 (B) *TERMINATION.*—*Rules issued under this*
2 *paragraph shall cease to have force or effect on*
3 *January 1, 2030.*

4 (4) *APPLICABILITY.*—*The requirements of this*
5 *subsection—*

6 (A) *shall apply to contracts entered into on*
7 *or after the date of the enactment of this Act;*
8 *and*

9 (B) *shall not apply to a country that is a*
10 *member of the national technology and indus-*
11 *trial base (as defined by section 4801 of title 10,*
12 *United States Code).*

13 (c) *MAJOR DEFENSE ACQUISITION PROGRAM DE-*
14 *FINED.*—*The term “major defense acquisition program” has*
15 *the meaning given in section 4201 of title 10, United States*
16 *Code.*

17 **SEC. 808. MISSION-BASED RAPID ACQUISITION ACCOUNT.**

18 (a) *ESTABLISHMENT.*—*There is established in the De-*
19 *partment of Defense an account to be known as the “Mis-*
20 *sion-Based Rapid Acquisition Account” (in this section re-*
21 *ferred to as the “Account”) to support the pilot program.*

22 (b) *USE OF FUNDS.*—*The Deputy Secretary of Defense*
23 *may use the funds in the Account to carry out the pilot*
24 *program.*

1 (c) *SEMIANNUAL BRIEFING.*—*The Deputy Secretary of*
2 *Defense shall include in each briefing submitted under sub-*
3 *section (f)(1)(A) of section 871 of the National Defense Au-*
4 *thorization Act for Fiscal Year 2022 (Public Law 117–81;*
5 *135 Stat. 1855; 10 U.S.C. 191 note) after the date of the*
6 *enactment of this Act a briefing on the use of funds in the*
7 *Account, including—*

8 (1) *how the Deputy Secretary of Defense has*
9 *used such funds to incent new small businesses to*
10 *enter transactions for prototype projects with the De-*
11 *partment;*

12 (2) *support the rapid transition of the solutions*
13 *described in subsection (c)(2)(B) of such section 871*
14 *to warfighters; and*

15 (3) *whether additional funding flexibility is*
16 *needed to scale technologies.*

17 (d) *PILOT PROGRAM DEFINED.*—*In this section, the*
18 *term “pilot program” means the pilot program established*
19 *under section 871 of the National Defense Authorization Act*
20 *for Fiscal Year 2022 (Public Law 117–81; 135 Stat. 1855;*
21 *10 U.S.C. 191 note).*

1 ***Subtitle B—Amendments to General***
2 ***Contracting Authorities, Proce-***
3 ***dures, and Limitations***

4 **SEC. 811. MEMBERSHIP OF COAST GUARD ON STRATEGIC**
5 ***MATERIALS PROTECTION BOARD.***

6 *Section 187(a)(2) of title 10, United States Code, is*
7 *amended by adding at the end the following:*

8 *“(F) A senior official of the Coast Guard, as des-*
9 *ignated by the Secretary of the agency or department*
10 *in which the Coast Guard operates, only with respect*
11 *to matters of the Board relating to the Coast Guard.”.*

12 **SEC. 812 . COMPTROLLER GENERAL ASSESSMENT OF AC-**
13 ***QUISITION PROGRAMS AND EFFORTS.***

14 *Section 3072 of title 10, United States Code, is amend-*
15 *ed—*

16 *(1) in the section heading, by striking “**initia-***
17 ***tives**” and inserting “**efforts**”;*

18 *(2) in subsection (a)—*

19 *(A) by striking “initiatives” and inserting*
20 *“efforts”; and*

21 *(B) by striking “2023” and inserting*
22 *“2026”;*

23 *(3) in subsection (b), by striking “initiatives”*
24 *each place it appears and inserting “efforts”; and*

25 *(4) in subsection (c)—*

1 (A) in the subsection heading, by striking
 2 “INITIATIVES” and inserting “EFFORTS”; and
 3 (B) by striking “initiatives” each place it
 4 appears and inserting “efforts”.

5 **SEC. 813. SUBCONTRACTING REQUIREMENTS FOR CERTAIN**
 6 **CONTRACTS AWARDED TO EDUCATIONAL IN-**
 7 **STITUTIONS.**

8 (a) *IN GENERAL.*—Section 3204 of title 10, United
 9 States Code, is amended by adding at the end the following
 10 new subsection:

11 “(h) *SUBCONTRACTING REQUIREMENTS FOR CON-*
 12 *TRACTS AWARDED TO EDUCATIONAL INSTITUTIONS.*—

13 “(1) *IN GENERAL.*—The head of an agency shall
 14 require that a contract awarded to an educational in-
 15 stitution pursuant to subsection (a)(3)(B) includes a
 16 requirement that the educational institution sub-
 17 contract with one or more minority institutions for a
 18 total amount of not less than 2 percent of the amount
 19 awarded in the contract.

20 “(2) *MINORITY INSTITUTION.*—In this subsection,
 21 the term ‘minority institution’ means—

22 “(A) a part B institution (as that term is
 23 defined in section 322(2) of the Higher Edu-
 24 cation Act of 1965 (20 U.S.C. 1061(2))); or

1 “(B) any other institution of higher edu-
2 cation (as that term is defined in section 101 of
3 such Act (20 U.S.C. 1001)) for which not less
4 than 50 percent of the total student enrollment
5 consists of students from ethnic groups that are
6 underrepresented in the fields of science and en-
7 gineering.”.

8 (b) *EFFECTIVE DATE.*—The amendments made by sub-
9 section (a) shall—

10 (1) take effect on October 1, 2026; and

11 (2) apply with respect to contracts awarded by
12 the Secretary of Defense on or after such date.

13 **SEC. 814. CLARIFICATION TO FIXED-PRICE INCENTIVE CON-**
14 **TRACT REFERENCES.**

15 (a) *AUTHORITY TO ACQUIRE INNOVATIVE COMMER-*
16 *CIAL PRODUCTS AND COMMERCIAL SERVICES USING GEN-*
17 *ERAL SOLICITATION COMPETITIVE PROCEDURES.*—Section
18 3458(c)(2) of title 10, United States Code, is amended by
19 striking “fixed-price incentive fee contracts” and inserting
20 “fixed-price incentive contracts”.

21 (b) *CONTRACTOR INCENTIVES TO ACHIEVE SAVINGS*
22 *AND IMPROVE MISSION PERFORMANCE.*—Section 832 of the
23 National Defense Authorization Act for Fiscal Year 2017
24 (Public Law 114–328; 10 U.S.C. 1746 note) is amended by

1 *striking “fixed-price incentive fee contracts” and inserting*
2 *“fixed-price incentive contracts”.*

3 **SEC. 815. MODIFICATION TO INDEMNIFICATION AUTHORITY**
4 **FOR RESEARCH AND DEVELOPMENT CON-**
5 **TRACTS.**

6 (a) *IN GENERAL.*—Section 3861 of title 10, United
7 States Code, is amended—

8 (1) *in subsection (a), by striking “Secretary of*
9 *the military department concerned” and inserting*
10 *“Secretary of Defense”;*

11 (2) *in subsection (c), by striking “Secretary”*
12 *and all that follows through “by him,” and inserting*
13 *“Secretary of Defense”; and*

14 (3) *in subsection (d), by striking “Secretary con-*
15 *cerned” and inserting “Secretary of Defense”.*

16 (b) *CONFORMING AMENDMENT.*—Section 1684 of the
17 *National Defense Authorization Act for Fiscal Year 2022*
18 *(Public Law 117-81; 135 Stat. 2123) is amended by insert-*
19 *ing “or the Secretary of Defense, as applicable,” after “Sec-*
20 *retary concerned”.*

21 (c) *APPLICABILITY.*—*This section and the amendments*
22 *made by this section shall apply to contracts entered into*
23 *on or after the date of the enactment of this Act.*

1 **SEC. 816. COMPETITION REQUIREMENTS FOR PURCHASES**
2 **FROM FEDERAL PRISON INDUSTRIES.**

3 (a) *COMPETITION REQUIREMENTS FOR PURCHASES*
4 *FROM FEDERAL PRISON INDUSTRIES.*—Section 3905 of
5 title 10, United States Code, is amended by striking sub-
6 sections (a) and (b) and inserting the following new sec-
7 tions:

8 “(a) *MARKET RESEARCH.*—Before purchasing a prod-
9 uct listed in the latest edition of the Federal Prison Indus-
10 tries catalog published under section 4124(d) of title 18, the
11 Secretary of Defense shall conduct market research to deter-
12 mine whether such product—

13 “(1) is comparable to products available from the
14 private sector; and

15 “(2) best meets the needs of the Department of
16 Defense in terms of price, quality, and time of deliv-
17 ery.

18 “(b) *COMPETITION REQUIREMENT.*—If the Secretary
19 determines that a Federal Prison Industries product is not
20 comparable to products available from the private sector
21 and does not best meet the needs of the Department of De-
22 fense in terms of price, quality, or time of delivery, the Sec-
23 retary shall use competitive procedures or make an indi-
24 vidual purchase under a multiple award contract for the
25 procurement of the product. In conducting such a competi-

1 *tion or making such a purchase, the Secretary shall con-*
2 *sider a timely offer from Federal Prison Industries.”.*

3 (b) *EFFECTIVE DATE.*—*The amendment made by sub-*
4 *section (a) shall take effect on February 1, 2023.*

5 **SEC. 817. CLARIFICATION OF AUTHORITY OF THE DEPART-**
6 **MENT OF DEFENSE TO CARRY OUT CERTAIN**
7 **PROTOTYPE PROJECTS.**

8 *Subsection (f) of section 4022 of title 10, United States*
9 *Code, is amended to read as follows:*

10 “(f) *FOLLOW-ON PRODUCTION CONTRACTS OR TRANS-*
11 *ACTIONS.*—(1) *A transaction entered into under this section*
12 *for a prototype project shall provide for the award of a fol-*
13 *low-on production contract or transaction to the partici-*
14 *pants in the transaction. A transaction includes all indi-*
15 *vidual prototype subprojects awarded under the transaction*
16 *to a consortium of United States industry and academic*
17 *institutions.*

18 “(2) *A follow-on production contract or transaction*
19 *provided for in a transaction under paragraph (1) may be*
20 *awarded to the participants in the transaction without the*
21 *use of competitive procedures, notwithstanding the require-*
22 *ments of chapter 221 of this title and even if explicit notifi-*
23 *cation was not listed within the request for proposal for*
24 *the transaction if—*

1 “(A) competitive procedures were used for the se-
2 lection of parties for participation in the transaction;
3 and

4 “(B) the participants in the transaction success-
5 fully completed the prototype project provided for in
6 the transaction.”.

7 **SEC. 818. REQUIREMENTS FOR THE PROCUREMENT OF CER-**
8 **TAIN COMPONENTS FOR CERTAIN NAVAL**
9 **VESSELS AND AUXILIARY SHIPS.**

10 (a) *REQUIREMENTS FOR THE PROCUREMENT OF CER-*
11 *TAIN COMPONENTS FOR NAVAL VESSELS.*—Section
12 *4864(a)(2) of title 10, United States Code, is amended by*
13 *adding at the end the following new subparagraph:*

14 “(G) Ship shafts and propulsion system
15 components (including reduction gears and pro-
16 pellers).”.

17 (b) *REQUIREMENT THAT CERTAIN AUXILIARY SHIP*
18 *COMPONENTS BE MANUFACTURED IN THE NATIONAL*
19 *TECHNOLOGY AND INDUSTRIAL BASE.*—

20 (1) *TECHNICAL AMENDMENT.*—Section 4864 of
21 *title 10, United States Code, is amended by redesign-*
22 *ating subsection (l) (relating to “Implementation of*
23 *auxiliary ship component limitation”)* as subsection
24 *(k).*

1 (2) *COMPONENTS FOR AUXILIARY SHIPS.*—Para-
2 graph (3) of section 4864(a) of title 10, United States
3 Code, is amended to read as follows:

4 “(3) *COMPONENTS FOR AUXILIARY SHIPS.*—Sub-
5 ject to subsection (k), the following components:

6 “(A) Large medium-speed diesel engines.

7 “(B) Propulsion system components, includ-
8 ing reduction gears and propellers.”.

9 (3) *IMPLEMENTATION.*—Subsection (k) of section
10 4864 of title 10, United States Code, as redesignated
11 by paragraph (1), is amended to read as follows:

12 “(k) *IMPLEMENTATION OF AUXILIARY SHIP COMPO-*
13 *NENT LIMITATION.*—Subsection (a)(3) shall apply only
14 with respect to contracts awarded by a Secretary of a mili-
15 tary department for construction of a new class of auxiliary
16 ship after the date of the enactment of this Act using funds
17 available for National Defense Sealift Fund programs or
18 Shipbuilding and Conversion, Navy.”.

19 **SEC. 819. MODIFICATION TO PROHIBITION ON OPERATION**
20 **OR PROCUREMENT OF FOREIGN-MADE UN-**
21 **MANNED AIRCRAFT SYSTEMS.**

22 Section 848 of the National Defense Authorization Act
23 for Fiscal Year 2020 (Public Law 116–92; 10 U.S.C. 4871
24 note) is amended—

1 (1) by redesignating subsections (b), (c), and (d)
2 as subsections (c), (d), and (e), respectively;

3 (2) by inserting after subsection (a) the following
4 new subsection:

5 “(b) *PROHIBITION ON CERTAIN CONTRACTS.*—*The*
6 *Secretary of Defense may not—*

7 “(1) *procure or obtain, or extend or renew a con-*
8 *tract to procure or obtain any equipment, system, or*
9 *service that uses any equipment or service related to*
10 *unmanned aircraft systems provided by a covered un-*
11 *manned aircraft system company; or*

12 “(2) *enter into a contract (or extend or renew a*
13 *contract) with an entity that uses any equipment,*
14 *system, or services provided by a covered unmanned*
15 *aircraft system company.”;*

16 (3) *in subsection (c) (as so redesignated), by*
17 *striking “the restriction under subsection (a) if the*
18 *operation or procurement” and inserting “any re-*
19 *strictions under subsections (a) or (b) if the oper-*
20 *ation, procurement, or obtainment”;*

21 (4) *in subsection (d) (as so redesignated)—*

22 (A) *by striking “the restriction under sub-*
23 *section (a)” and inserting “any restrictions*
24 *under subsections (a) or (b)”;* and

1 (B) by striking “operation or procurement”
2 and inserting “operation, procurement, or ob-
3 tainment”; and

4 (5) in subsection (e) (as so redesignated), by in-
5 serting the following new paragraph (3):

6 “(3) COVERED UNMANNED AIRCRAFT SYSTEM
7 COMPANIES.—The term ‘covered unmanned aircraft
8 system companies’ means any of the following:

9 “(A) Da-Jiang Innovations (or any sub-
10 sidiary or affiliate of Da-Jiang Innovations).

11 “(B) Any entity that produces or provides
12 unmanned aircraft systems and is included on
13 Consolidated Screening List maintained by the
14 International Trade Administration of the De-
15 partment of Commerce.

16 “(C) Any entity that produces or provides
17 unmanned aircraft systems and—

18 “(i) is domiciled in a covered foreign
19 country; or

20 “(ii) is subject to unmitigated foreign
21 ownership, control or influence by a covered
22 foreign country, as determined by the Sec-
23 retary of Defense unmitigated foreign own-
24 ership, control or influence in accordance

1 with the National Industrial Security Pro-
2 gram (or any successor to such program).”.

3 **SEC. 820. EXTENSION OF PILOT PROGRAM TO ACCELERATE**
4 **CONTRACTING AND PRICING PROCESSES.**

5 Section 890 of the John S. McCain National Defense
6 Authorization Act for Fiscal Year 2019 (Public Law 115–
7 232) is amended—

8 (1) in subsection (a)(2), by striking “of” before
9 “chapter 271”; and

10 (2) in subsection (c), by striking “January 2,
11 2023” and inserting “January 2, 2024”.

12 **SEC. 821. EXTENSION AND MODIFICATION OF NEVER CON-**
13 **TRACT WITH THE ENEMY.**

14 Subtitle E of title VIII of the Carl Levin and Howard
15 P. “Buck” McKeon National Defense Authorization Act for
16 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 4871
17 note prec.) is amended—

18 (1) in section 841—

19 (A) in subsection (i)(1)—

20 (i) in the matter preceding subpara-
21 graph (A), by striking “2016, 2017, and
22 2018” and inserting “2023, and annually
23 thereafter”; and

24 (ii) by adding at the end the following
25 new subparagraphs:

1 “(C) *Specific examples where the authorities*
2 *under this section can not be used to mitigate*
3 *national security threats posed by vendors sup-*
4 *porting Department operations because of the re-*
5 *striction on using such authorities only with re-*
6 *spect to contingency operations.*

7 “(D) *A description of the policies ensuring*
8 *that oversight of the use of the authorities in this*
9 *section is effectively carried out by a single office*
10 *in the Office of the Under Secretary of Defense*
11 *for Acquisition and Sustainment.”; and*

12 *(B) in subsection (n), by striking “Decem-*
13 *ber 31, 2023” and inserting “December 31,*
14 *2025”;* and

15 *(2) in section 842(b)(1), by striking “2016, 2017,*
16 *and 2018” and inserting “2023, 2024, and 2025”.*

17 ***Subtitle C—Provisions Relating to***
18 ***Acquisition Workforce***

19 ***SEC. 831. KEY EXPERIENCES AND ENHANCED PAY AUTHOR-***
20 ***ITY FOR ACQUISITION WORKFORCE EXCEL-***
21 ***LENCE.***

22 ***(a) PARTICIPATION IN THE PUBLIC-PRIVATE TALENT***
23 ***EXCHANGE PROGRAM.—***

24 ***(1) IN GENERAL.—Section 1701a(b) of title 10,***
25 ***United States Code, is amended—***

1 (A) in paragraph (9)(C), by striking “and”
2 at the end;

3 (B) in paragraph (10), by striking the pe-
4 riod at the end and inserting “; and”; and

5 (C) by adding at the end the following new
6 paragraph:

7 “(11) ensure participation in the public-private
8 talent exchange program established under section
9 1599g of this title—

10 “(A) for a total of 100 members of the ac-
11 quisition workforce in fiscal year 2024;

12 “(B) for a total of 500 such members in fis-
13 cal year 2025; and

14 “(C) for a total of 1,000 such members in
15 fiscal year 2026 and each fiscal year thereafter.”.

16 (2) **TECHNICAL AMENDMENT.**—Section
17 1701a(b)(2) of title 10, United States Code, is further
18 amended by striking “as defined” and all that follows
19 through “this title” and inserting “as defined in sec-
20 tion 3001 of this title”.

21 (b) **ENHANCED PAY AUTHORITY FOR POSITIONS IN**
22 **DEPARTMENT OF DEFENSE FIELD ACTIVITIES AND DE-**
23 **FENSE AGENCIES.**—Section 1701b(e)(2) of title 10, United
24 States Code, is amended to read as follows:

1 “(2) *NUMBER OF POSITIONS.*—*The authority in*
2 *subsection (a) may not be used at any one time with*
3 *respect to—*

4 “(A) *more than five positions, in total, in*
5 *Department of Defense Field Activities and De-*
6 *fense Agencies;*

7 “(B) *more than five positions in the Office*
8 *of the Secretary of Defense; and*

9 “(C) *more than five positions in each mili-*
10 *tary department.”.*

11 *(c) REPORT REQUIREMENTS.—*

12 (1) *REPORT ON PUBLIC-PRIVATE TALENT EX-*
13 *CHANGES.—Section 1599g of title 10, United States*
14 *Code, is amended by adding at the end the following*
15 *new subsection:*

16 “(k) *REPORT.*—*Each member of the acquisition work-*
17 *force that participates in the program established under*
18 *this section shall, upon completion of such participation,*
19 *submit to the President of the Defense Acquisition Univer-*
20 *sity for inclusion in the report required under section*
21 *1746a(e) a description and evaluation of such participa-*
22 *tion.”.*

23 (2) *REPORT ON ACQUISITION WORKFORCE EDU-*
24 *CATIONAL PARTNERSHIPS.—Section 1746a(e) of title*
25 *10, United States Code, is amended by striking “and*

1 *the congressional defense committees” and inserting “,*
2 *the congressional defense committees, the Committee*
3 *on Oversight and Reform of the House of Representa-*
4 *tives, and the Committee on Homeland Security and*
5 *Government Affairs of the Senate”.*

6 **SEC. 832. DEFENSE ACQUISITION UNIVERSITY REFORMS.**

7 *(a) IN GENERAL.—Section 1746 of title 10, United*
8 *States Code, is amended—*

9 *(1) in subsection (b)—*

10 *(A) by amending paragraph (2) to read as*
11 *follows:*

12 *“(2) The Secretary of Defense shall ensure the defense*
13 *acquisition university structure includes relevant expert lec-*
14 *turers from extramural institutions (as defined in section*
15 *1746a(g) of this title), industry, or federally funded research*
16 *and development centers to advance acquisition workforce*
17 *competence regarding commercial business interests, acqui-*
18 *sition process-related innovations, and other relevant lead-*
19 *ing practices of the private sector.”;*

20 *(B) by striking paragraph (3); and*

21 *(C) by redesignating paragraphs (4) and*
22 *(5) as paragraphs (3) and (4), respectively;*

23 *(2) in subsection (c), by striking “commercial*
24 *training providers” and inserting “extramural insti-*

1 *tutions (as defined in section 1746a(g) of this title)”;*
2 *and*

3 *(3) by adding at the end the following new sub-*
4 *section:*

5 *“(e) PRESIDENT APPOINTMENT.—(1) The Under Sec-*
6 *retary of Defense for Acquisition and Sustainment shall ap-*
7 *point the President of the Defense Acquisition University.*

8 *“(2) When determining who to appoint under para-*
9 *graph (1), the Under Secretary of Defense for Acquisition*
10 *and Sustainment shall, in consultation with the Under Sec-*
11 *retary of Defense for Research and Engineering and the*
12 *service acquisition executives, consider only highly qualified*
13 *candidates who have—*

14 *“(A) demonstrated leadership abilities;*

15 *“(B) experience using leading practices to de-*
16 *velop talent in the private sector; and*

17 *“(C) other qualifying factors, including experi-*
18 *ence with and an understanding of the defense acqui-*
19 *sition system (as defined in section 3001 of this title),*
20 *an understanding of emerging technologies and the*
21 *defense applications of such technologies, experience*
22 *partnering with States, national associations, and*
23 *academia, and experience with learning technologies.*

24 *“(3) The term of the President of the Defense Acquisi-*
25 *tion University shall be not more than five years. The pre-*

1 *ceding sentence does not apply to the President of the De-*
2 *fense Acquisition University serving on January 1, 2022.”.*

3 (b) *IMPLEMENTATION REPORT.*—Not later than March
4 1, 2023, the Secretary of Defense shall submit to the congres-
5 sional defense committees a plan to modify the defense ac-
6 quisition university structure to comply with section
7 1746(b)(2) of title 10, United States Code, as amended by
8 subsection (a). Such plan shall establish a date of not later
9 than March 1, 2026, for such modification to be completed.

10 **SEC. 833. MODIFICATIONS TO DEFENSE CIVILIAN TRAINING**

11 **CORPS.**

12 Section 2200g of title 10, United States Code, is
13 amended—

14 (1) by striking “For the purposes of” and all
15 that follows through “establish and maintain” and
16 inserting the following: “The Secretary of Defense,
17 acting through the Under Secretary for Defense for
18 Acquisition and Sustainment, shall establish and
19 maintain”;

20 (2) by designating the text of such section, as
21 amended by paragraph (1), as subsection (a); and

22 (3) by adding at the end the following new sub-
23 sections:

24 “(b) *PURPOSE.*—The purpose of the Defense Civilian
25 Training Corps is to target critical skills gaps necessary

1 *to achieve the objectives of each national defense strategy*
2 *required by section 113(g) of this title and each national*
3 *security strategy required by section 108 of the National*
4 *Security Act of 1947 (50 U.S.C. 3043) by preparing stu-*
5 *dents selected for the Defense Civilian Training Corps for*
6 *Department of Defense careers relating to acquisition, dig-*
7 *ital technologies, critical technologies, science, engineering,*
8 *finance, and other civilian occupations determined by the*
9 *Secretary of Defense.*

10 “(c) *USE OF RESOURCES AND PROGRAMS.—The*
11 *Under Secretary of Defense for Acquisition and*
12 *Sustainment shall use the resources and programs of the*
13 *acquisition research organization within a civilian college*
14 *or university that is described under section 4142(a) of this*
15 *title (commonly referred to as the ‘Acquisition Innovation*
16 *Research Center’)* *to carry out the requirements of this*
17 *chapter.*

18 “(d) *CONSULTATION.—In planning and implementing*
19 *the Defense Civilian Training Corps program, the Under*
20 *Secretary of Defense for Acquisition and Sustainment shall*
21 *consult with the following:*

22 “(1) *The Under Secretary of Defense for Re-*
23 *search and Engineering, including the Director of the*
24 *Defense Innovation Unit and the Strategic Engage-*

1 *ments Director of the National Security Innovation*
2 *Network.*

3 “(2) *The Chief Digital and Artificial Intelligence*
4 *Officer (as established by the memorandum of the*
5 *Deputy Secretary of Defense titled ‘Establishment of*
6 *the Chief Digital and Artificial Intelligence Officer’*
7 *issued on December 8, 2021).*

8 “(3) *The Chief Information Officer of the De-*
9 *partment of Defense.*

10 “(4) *The Under Secretary of Defense for Per-*
11 *sonnel and Readiness.*

12 “(5) *The Secretaries of the military departments.*

13 “(6) *The Superintendents of the Service Acad-*
14 *emies (as defined in section 347 of this title).*

15 “(7) *The Commanding General, U.S. Army*
16 *Cadet Command.*

17 “(8) *The Commander, Jeanne M. Holm Center*
18 *for Officer Accessions and Citizen Development.*

19 “(9) *The Commander, Naval Service Training*
20 *Command.”.*

21 **SEC. 834. REPEAL OF CERTAIN PROVISIONS RELATING TO**

22 **ACQUISITION WORKFORCE INCENTIVES.**

23 (a) *EXCHANGE PROGRAM FOR ACQUISITION WORK-*
24 *FORCE EMPLOYEES.—Section 884 of the National Defense*

1 *Authorization Act for Fiscal Year 2019 (Public Law 115–*
2 *232; 132 Stat. 1915; 10 U.S.C. 1701 note) is repealed.*

3 *(b) PILOT PROGRAM ON TEMPORARY EXCHANGE OF*
4 *FINANCIAL MANAGEMENT AND ACQUISITION PERSONNEL.—*
5 *Section 1110 of the National Defense Authorization Act for*
6 *Fiscal Year 2016 (10 U.S.C. 1701 note) is repealed.*

7 *(c) FLEXIBILITY IN CONTRACTING AWARD PRO-*
8 *GRAM.—Section 834 of the National Defense Authorization*
9 *Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*
10 *2285; 10 U.S.C. 1701a note) is repealed.*

11 **SEC. 835. ACQUISITION WORKFORCE INCENTIVES RELAT-**
12 **ING TO TRAINING ON AND AGREEMENTS**
13 **WITH CERTAIN SOFTWARE BUSINESSES.**

14 *(a) TRAINING.—*

15 *(1) CURRICULA.—Not later than one year after*
16 *the date of the enactment of this Act, the head of the*
17 *Acquisition Innovation Research Center shall develop*
18 *one or more curricula for members of the acquisition*
19 *workforce on financing and operations of start-up*
20 *businesses, with a focus on covered start-up busi-*
21 *nesses.*

22 *(2) ELEMENTS.—Courses under curricula devel-*
23 *oped under paragraph (1) shall be offered with vary-*
24 *ing course lengths and level of study.*

1 (3) *INCENTIVES.*—*The Secretary of Defense shall*
2 *develop a program to offer incentives to a member of*
3 *the acquisition workforce that completes a curriculum*
4 *developed under paragraph (1).*

5 (4) *ADDITIONAL TRAINING MATERIALS.*—*In de-*
6 *veloping curricula required under paragraph (1), the*
7 *head of the Acquisition Innovation Research Center*
8 *shall consider and incorporate appropriate training*
9 *materials from curricula in business, law, or public*
10 *policy.*

11 (b) *EXCHANGES.*—

12 (1) *IN GENERAL.*—*The Secretary of Defense shall*
13 *establish a pilot program under which the Secretary*
14 *shall, in accordance with section 1599g of title 10,*
15 *United States Code, arrange for the temporary as-*
16 *signment of one or more members of the acquisition*
17 *workforce to a covered start-up business, or from a*
18 *covered start-up business to an office of the Depart-*
19 *ment of Defense.*

20 (2) *PRIORITY.*—*The Secretary shall prioritize for*
21 *participation in the pilot program established under*
22 *this subsection members of the acquisition workforce*
23 *who have completed a curricula required under para-*
24 *graph (1).*

1 (3) *TERMINATION.*—*The Secretary may not*
2 *carry out the pilot program authorized by this sub-*
3 *section after the date that is three years after the date*
4 *of the enactment of this Act.*

5 (c) *CONFERENCES.*—

6 (1) *IN GENERAL.*—*The Secretary of Defense shall*
7 *organize a conference, to take place not less frequently*
8 *than biannually, to facilitate discussion between par-*
9 *ticipants listed in subsection (b) on the following:*

10 (A) *Best practices relating to acquisition of*
11 *software.*

12 (B) *Methods of effective collaboration be-*
13 *tween such participants.*

14 (2) *PARTICIPANTS.*—*Participants in a con-*
15 *ference organized under paragraph (1) may include*
16 *the following:*

17 (A) *Members of the acquisition workforce.*

18 (B) *Employees of and investors in covered*
19 *start-up businesses.*

20 (d) *PILOT PROGRAM.*—

21 (1) *ESTABLISHMENT.*—*Not later than 18 months*
22 *after the date of the enactment of this Act, the Sec-*
23 *retary of Defense shall establish a pilot program to*
24 *test the feasibility of unique approaches to negotiating*

1 *and establishing software data rights in agreements*
2 *for the procurement of software.*

3 (2) *AUTHORITY.*—*To the maximum extent prac-*
4 *ticable, the Secretary shall—*

5 (A) *ensure that a member of the acquisition*
6 *workforce who has completed a curricula re-*
7 *quired under subsection (a) is able to exercise*
8 *authority to apply an approach described in*
9 *paragraph (1); and*

10 (B) *provide incentives to such member to*
11 *exercise such authority.*

12 (3) *ELEMENTS.*—*An agreement described in*
13 *paragraph (1) shall include the following:*

14 (A) *Flexible requirements relating to the ac-*
15 *quisition or licensing of intellectual property*
16 *based on the software to be acquired under the*
17 *agreement.*

18 (B) *An identification and definition of the*
19 *technical interoperability standards required for*
20 *such software.*

21 (C) *Flexible mechanisms for delivery of code*
22 *for such software, where each such mechanism*
23 *includes documentation of the costs and benefits*
24 *of such mechanism.*

1 (4) *PARAMETERS.*—*The United States shall seek*
2 *to avoid asserting unlimited rights or government*
3 *purpose rights to software acquired under an agree-*
4 *ment entered into pursuant to the pilot program es-*
5 *tablished under this section.*

6 (5) *TERMINATION.*—*The Secretary may not*
7 *carry out the pilot program authorized by this sub-*
8 *section after the date that is 5 years after the date of*
9 *the enactment of this Act.*

10 (e) *DEFINITIONS.*—*In this section:*

11 (1) *The term “Acquisition Innovation Research*
12 *Center” means the acquisition research organization*
13 *within a civilian college or university that is de-*
14 *scribed under section 4142(a) of title 10, United*
15 *States Code.*

16 (2) *The term “acquisition workforce” has the*
17 *meaning given in section 101 of title 10, United*
18 *States Code.*

19 (3) *The term “covered start-up businesses”*
20 *means a start-up business that is a party to, or is*
21 *seeking to enter into, an agreement with the Depart-*
22 *ment of Defense, the products and services of which*
23 *include software as a substantial component of the*
24 *offer for such agreement.*

1 (4) *The term “start-up business” means a busi-*
2 *ness that is not publicly traded and that has not been*
3 *acquired by a prime contractor.*

4 ***Subtitle D—Provisions Relating to***
5 ***Software and Technology***

6 ***SEC. 841. PRIZES FOR ADVANCED TECHNOLOGY ACHIEVE-***
7 ***MENTS.***

8 *Section 4025 of title 10, United States Code, is amend-*
9 *ed—*

10 (1) *in subsection (a)—*

11 (A) *by striking “that have” and inserting*
12 *“that—”*

13 *“(1) have”;*

14 (B) *by striking “Defense.” and inserting*
15 *“Defense; or”;* and

16 (C) *by adding at the end the following new*
17 *paragraph:*

18 *“(2) demonstrate management practices that im-*
19 *prove the schedule or performance, reduce the costs, or*
20 *otherwise support the transition of technology into ac-*
21 *quisition programs or operational use.”;*

22 (2) *in subsection (b), by striking “of research re-*
23 *sults, technology developments, and prototypes”;*

24 (3) *in subsection (d), by striking “to acquire,*
25 *support, or stimulate basic, advanced and applied re-*

1 search, technology development, or prototype
2 projects”;

3 (4) in subsection (f), by striking “section 2304”
4 and inserting “chapter 221”; and

5 (5) in subsection (g)(2)—

6 (A) by redesignating subparagraphs (B)
7 and (C) as subparagraphs (D) and (E), respec-
8 tively; and

9 (B) by inserting after subparagraph (A) the
10 following new subparagraphs:

11 “(B) if applicable, a summary of the man-
12 agement practice that contributed to an improve-
13 ment to schedule or performance or a reduction
14 in cost relating to the transition of technology;

15 “(C) an identification of any program execu-
16 tive officer (as defined in section 1737 of this
17 title) responsible for implementation or oversight
18 of research results, technology development, pro-
19 totype development, or management practices (as
20 applicable) for which an award was made under
21 this section, and a brief summary of lessons
22 learned by such program executive officer in car-
23 rying out such implementation or oversight;”.

1 **SEC. 842. CONGRESSIONAL NOTIFICATION FOR PILOT PRO-**
2 **GRAM TO ACCELERATE THE PROCUREMENT**
3 **AND FIELDING OF INNOVATIVE TECH-**
4 **NOLOGIES.**

5 *Section 834 of the National Defense Authorization Act*
6 *for Fiscal Year 2022 (Public Law 117–81; 135 Stat. 1835;*
7 *10 U.S.C. 4061 note) is amended—*

8 *(1) by redesignating subsection (f) as subsection*
9 *(g); and*

10 *(2) by inserting after subsection (e) the following*
11 *new subsection:*

12 *“(f) CONGRESSIONAL NOTIFICATION.—The Secretary*
13 *of Defense shall notify congressional defense committees*
14 *within 30 days after funding has been provided for a pro-*
15 *posal selected for an award under the pilot program estab-*
16 *lished under this section.”.*

17 **SEC. 843. CURRICULA ON SOFTWARE ACQUISITIONS AND**
18 **CYBERSECURITY SOFTWARE OR HARDWARE**
19 **ACQUISITIONS FOR COVERED INDIVIDUALS.**

20 *(a) CURRICULA.—The President of the Defense Acqui-*
21 *sition University, shall develop training curricula related*
22 *to software acquisitions and cybersecurity software or hard-*
23 *ware acquisitions and offer such curricula to covered indi-*
24 *viduals to increase digital literacy related to such acquisi-*
25 *tions by developing the ability of such covered individuals*

1 *to use technology to identify, critically evaluate, and syn-*
2 *thesize data and information related to such acquisitions.*

3 (b) *ELEMENTS.*—*Curricula developed pursuant to sub-*
4 *section (a) shall provide information on—*

5 (1) *cybersecurity, information technology sys-*
6 *tems, computer networks, cloud computing, artificial*
7 *intelligence, machine learning, and quantum tech-*
8 *nologies;*

9 (2) *cybersecurity threats and capabilities;*

10 (3) *operational efforts of United States Cyber*
11 *Command to combat cyber threats;*

12 (4) *mission requirements and current capabilities*
13 *and systems of United States Cyber Command;*

14 (5) *activities that encompass the full range of*
15 *threat reduction, vulnerability reduction, deterrence,*
16 *incident response, resiliency, and recovery policies*
17 *and activities, including activities relating to com-*
18 *puter network operations, information assurance,*
19 *military missions, and intelligence missions to the ex-*
20 *tent such activities relate to the security and stability*
21 *of cyberspace; and*

22 (6) *the industry best practices relating to soft-*
23 *ware acquisitions and cybersecurity software or hard-*
24 *ware acquisitions.*

1 (c) *PLAN.*—Not later than 180 days after enactment
2 of this Act, the Secretary of Defense, in consultation with
3 the President of the Defense Acquisition University, shall
4 submit to Congress a comprehensive plan to implement the
5 curricula developed under subsection (a). Such plan shall
6 include a list of resources required for and costs associated
7 with such implementation, including—

- 8 (1) curriculum development;
9 (2) hiring instructors to teach the curriculum;
10 (3) facilities; or
11 (4) website development.

12 (d) *IMPLEMENTATION.*—Not later than one year after
13 the date on which the plan described in subsection (d) is
14 submitted to Congress, the President of the Defense Acquisi-
15 tion University shall offer the curricula developed under
16 subsection (a) to covered individuals.

17 (e) *REPORT.*—Not later than one year after the date
18 on which the plan described in subsection (d) is submitted
19 to Congress, Secretary of Defense, in consultation with the
20 President of the Defense Acquisition University, shall sub-
21 mit to Congress a report assessing the costs and benefits
22 of requiring all covered individuals to complete the cur-
23 ricula developed under subsection (a).

24 (f) *COVERED INDIVIDUALS DEFINED.*—In this section,
25 the term “covered individuals” means—

1 (1) a contracting officer of the Department of
2 *Defense with responsibilities are related to software*
3 *acquisitions or cybersecurity software or hardware ac-*
4 *quisitions; or*

5 (2) a individual serving in a position designated
6 *under section 1721(b) of title 10, United States Code,*
7 *who is regularly consulted for software acquisitions or*
8 *cybersecurity software or hardware acquisitions.*

9 **SEC. 844. REPORT ON COVERED SOFTWARE DEVELOPMENT.**

10 (a) *REPORT.*—Not later than one year after the date
11 *of the enactment of this Act, and annually thereafter*
12 *through December 31, 2028, the Under Secretary of Defense*
13 *for Acquisition and Sustainment, in consultation with the*
14 *Chief Information Officer of the Department of Defense and*
15 *the Chief Digital and Artificial Intelligence Officer, shall*
16 *submit to the congressional defense committees a report on*
17 *the following:*

18 (1) *A description of covered software delivered*
19 *during the fiscal year preceding the date of the report*
20 *that is being developed using iterative development,*
21 *including a description of the capabilities delivered*
22 *for operational use.*

23 (2) *For such covered software not developed*
24 *using iterative development, an explanation for not*

1 *using iterative development and a description of the*
2 *development method used.*

3 (3) *For each such covered software being devel-*
4 *oped using iterative development, the frequency with*
5 *which capabilities of such covered software were deliv-*
6 *ered, disaggregated as follows:*

7 (A) *Covered software for which capabilities*
8 *were delivered during period of less than three*
9 *months.*

10 (B) *Covered software for which capabilities*
11 *were delivered during period of more than three*
12 *months and less than six months.*

13 (C) *Covered software for which capabilities*
14 *were delivered during period of more than six*
15 *months and less than nine months.*

16 (D) *Covered software for which capabilities*
17 *were delivered during period of more than nine*
18 *months and less than 12 months.*

19 (4) *With respect to covered software described in*
20 *paragraph (2) for which capabilities of such covered*
21 *software were not delivered in fewer than 12 months,*
22 *an explanation of why such delivery was not possible.*

23 (b) *DEFINITIONS.—In this section:*

24 (1) *The term “Chief Digital and Artificial Intel-*
25 *ligence Officer” means—*

1 (A) the official designated as the Chief Digital and Artificial Intelligence Officer of the Department of Defense pursuant to the memorandum of the Secretary of Defense titled “Establishment of the Chief Digital and Artificial Intelligence Officer” dated December 8, 2021; or

2
3
4
5
6
7 (B) if there is no official designated as such Officer, the official within the Office of the Secretary of Defense with primary responsibility for digital and artificial intelligence matters.

8
9
10
11 (2) The term “covered software” means software that is being developed that—

12
13 (A) was acquired using a software acquisition pathway established under section 800 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92);

14
15
16
17 (B) is a covered defense business system, as defined in section 2222(i) of title 10, United States Code;

18
19
20 (C) is a major defense acquisition program, as defined in section 4201 of such title; or

21
22 (D) is a major system, as defined in section 3041 of such title.

23
24 (3) The term “iterative development” has the meaning given the term “agile or iterative develop-

25

1 *ment*” in section 891 of the National Defense Author-
2 *ization Act for Fiscal Year 2018 (Public Law 115-*
3 *91; 131 Stat. 1509; 10 U.S.C. 1746 note).*

4 ***Subtitle E—Industrial Base Matters***

5 ***SEC. 851. RECOGNITION OF AN ASSOCIATION OF ELIGIBLE***
6 ***ENTITIES THAT PROVIDE PROCUREMENT***
7 ***TECHNICAL ASSISTANCE.***

8 (a) *REGULATIONS.*—Section 4953 of title 10, United
9 States Code, is amended by inserting “, and shall consult
10 with an association recognized under section 4954(f) re-
11 garding any revisions to such regulations” before the period
12 at the end.

13 (b) *COOPERATIVE AGREEMENTS.*—Section 4954 of title
14 10, United States Code, is amended by adding at the end
15 the following new subsections:

16 “(f) *ASSOCIATION RECOGNITION AND DUTIES.*—Eligi-
17 ble entities that provide procurement technical assistance
18 pursuant to this chapter may form an association to pursue
19 matters of common concern. If more than a majority of such
20 eligible entities are members of such an association, the Sec-
21 retary shall—

22 “(1) recognize the existence and activities of such
23 an association; and

1 “(2) jointly develop with such association a
2 model cooperative agreement that may be used at the
3 option of the Secretary and an eligible entity.”.

4 (c) *FUNDING.*—Section 4955(a)(1) of title 10, United
5 States Code, is amended by striking “\$1,000,000” and in-
6 serting “\$1,500,000”.

7 (d) *ADMINISTRATIVE AND OTHER LOGISTICAL*
8 *COSTS.*—Section 4961 of title 10, United States Code, is
9 amended—

10 (1) in the matter preceding paragraph (1), by
11 striking “Director of the Defense Logistics Agency”
12 and inserting “Secretary”;

13 (2) in paragraph (1), by striking “three” and
14 inserting “four”; and

15 (3) in paragraph (2)—

16 (A) in the matter preceding subparagraph

17 (A)—

18 (i) by striking “Director” and insert-
19 ing “Secretary”; and

20 (ii) by striking “entities —” and in-
21 serting “entities—”; and

22 (B) in subparagraph (A), by inserting “,
23 including meetings of an association recognized
24 under section 4954(f),” after “meetings”.

1 **SEC. 852. UPDATE TO PLAN ON REDUCTION OF RELIANCE**
2 **ON SERVICES, SUPPLIES, OR MATERIALS**
3 **FROM COVERED COUNTRIES.**

4 *Section 847 of the National Defense Authorization Act*
5 *for Fiscal Year 2022 (Public Law 117–81; 135 Stat. 1843;*
6 *10 U.S.C. 4811 note) is amended—*

7 *(1) in subsection (b), by adding at the end the*
8 *following: “The report shall—*

9 *“(1) identify the services, supplies, or materials*
10 *described in subsection (a) that are necessary to meet*
11 *critical defense requirements in the event of a crisis*
12 *or conflict;*

13 *“(2) assess the priority of such services, supplies,*
14 *and materials; and*

15 *“(3) provide options for reducing the reliance of*
16 *the United States on services, supplies, or materials*
17 *obtained from sources located in geographic areas*
18 *controlled by covered countries.”;*

19 *(2) by redesignating subsection (c) as subsection*
20 *(e); and*

21 *(3) by inserting after subsection (b) the following*
22 *new subsections:*

23 *“(c) BIENNIAL REVIEW.—*

24 *“(1) IN GENERAL.—Not later than two years*
25 *after the date on which the Secretary of Defense sub-*
26 *mits the report under subsection (b), and every two*

1 *years thereafter, the Secretary shall review and up-*
2 *date the plan required under subsection (a) to ensure*
3 *that the plan continues to accomplish the goals de-*
4 *scribed in such subsection.*

5 “(2) *REPORT.—*

6 “(A) *IN GENERAL.—Not later than 90 days*
7 *after the Secretary of Defense completes a review*
8 *under paragraph (1), the Secretary shall submit*
9 *to the congressional defense committees a report*
10 *on such review, including—*

11 “(i) *a description of the steps taken to*
12 *implement the plan required under sub-*
13 *section (a);*

14 “(ii) *a description of, and explanation*
15 *for, any updates made to such plan under*
16 *paragraph (1); and*

17 “(iii) *an updated assessment of the*
18 *priority of the services, supplies, or mate-*
19 *rials described in subsection (a) that are*
20 *necessary to meet critical defense require-*
21 *ments in the event of a crisis or conflict.*

22 “(B) *SUNSET.—This paragraph shall termi-*
23 *nate on the date that is six years after the date*
24 *on which the Secretary submits the first report*
25 *required under subparagraph (A).*

1 “(d) *REPORT FORM.*—The reports required under sub-
2 section (b) and (c)(2) shall be submitted in an unclassified
3 form, but may contain a classified annex.”.

4 **SEC. 853. MODIFICATION TO PROHIBITION ON CERTAIN**
5 **PROCUREMENTS FROM THE XINJIANG**
6 **UYGHUR AUTONOMOUS REGION.**

7 Section 848(a) of the National Defense Authorization
8 Act for Fiscal Year 2022 (Public Law 117–81; 10 U.S.C.
9 4651 note prec.; 135 Stat. 1843) is amended by striking
10 “for fiscal year 2022”.

11 **SEC. 854. CODIFICATION OF THE DEPARTMENT OF DE-**
12 **FENSE MENTOR-PROTEGE PROGRAM.**

13 (a) *IN GENERAL.*—Section 831 of the National Defense
14 Authorization Act for Fiscal Year 1991 (10 U.S.C. 4901
15 note prec.) is transferred to subchapter I of chapter 387 of
16 title 10, United States Code, inserted after section 4901,
17 and redesignated as section 4902.

18 (b) *AMENDMENTS.*—Section 4902 of title 10, United
19 States Code, as so transferred and redesignated, is amend-
20 ed—

21 (1) in the heading, by striking “**MENTOR-PRO-**
22 **TEGE PILOT**” and inserting “**DEPARTMENT OF**
23 **DEFENSE MENTOR-PROTEGE**”;

24 (2) in subsections (a) and (c), by striking the
25 term “pilot” each place it appears;

1 (3) *in subsection (d)(1)(B)(iii)—*

2 (A) *in subclause (I), by striking*
3 “\$100,000,000” *and inserting “\$25,000,000”;*
4 *and*

5 (B) *in subclause (II), by striking “sub-*
6 *section (k)” and inserting “subsection (j)”;*

7 (4) *in subsection (e)(2), by striking “two years”*
8 *each place it appears and inserting “three years”;*

9 (5) *in subsection (f)(1)(B), by inserting “manu-*
10 *facturing, test and evaluation,” after “inventory con-*
11 *trol,”;*

12 (6) *in subsection (g)(3)(C), by striking “sub-*
13 *section (k)” and inserting “subsection (j)”;*

14 (7) *by striking subsection (j);*

15 (8) *by redesignating subsections (k) through (n)*
16 *as subsections (j) through (m), respectively;*

17 (9) *in subsection (j), as so redesignated—*

18 (A) *by striking the term “pilot” each place*
19 *it appears;*

20 (B) *by striking “by which mentor firms”*
21 *and inserting “by which the parties”; and*

22 (C) *by striking “The Secretary shall pub-*
23 *lish” and all that follows through “270 days*
24 *after the date of the enactment of this Act.”;*

1 (10) in subsection (l), as so redesignated, by
2 striking “subsection (l)” and inserting “subsection
3 (k)”;

4 (11) by amending subsection (m), as so redesign-
5 ated, to read as follows:

6 “(m) *TRANSITION REPORT.*—Not later than July 1,
7 2023, the Secretary of Defense shall submit to the congress-
8 sional defense committees a report on the implementation
9 of the amendments to the Mentor-Protege Program made in
10 the National Defense Authorization Act for Fiscal Year
11 2023, including the efforts made to establish performance
12 goals and outcome-based metrics and an evaluation of
13 whether the Mentor-Protege Program is achieving such per-
14 formance goals and outcome-based metrics.”; and

15 (12) by inserting after subsection (m), as so re-
16 designated, the following new subsection:

17 “(n) *PROTEGE TECHNICAL REIMBURSEMENT PILOT*
18 *PROGRAM.*—

19 “(1) *IN GENERAL.*—Not later than July 1, 2023,
20 the Director of the Office of Small Business Programs
21 of the Department of Defense shall establish a pilot
22 program under which a protege firm may receive up
23 to 25 percent of the reimbursement for which the men-
24 tor firm of such protege firm is eligible under the
25 Mentor-Protege Program for engineering, software de-

1 *velopment, or manufacturing customization that the*
2 *protege firm must perform for a technology solution*
3 *of the protege firm to be ready for integration with*
4 *programs or systems of the Department of Defense.*

5 *“(2) TERMINATION.—The pilot program estab-*
6 *lished under paragraph (1) shall terminate on the*
7 *date that is five years after the date on which the*
8 *pilot program is established.”.*

9 *(c) CLERICAL AMENDMENT.—The table of sections for*
10 *subchapter I of chapter 387 of title 10, United States Code,*
11 *is amended by adding at the end the following new item:*
“4902. Department of Defense Mentor–Protege Program.”.

12 *(d) CONFORMING AMENDMENT.—*

13 *(1) BUY INDIAN ACT.—Section 23(a)(2) of the*
14 *Act of June 25, 1910 (commonly known as the “Buy*
15 *Indian Act”) (36 Stat. 861, 25 U.S.C. 47(a)(2)) is*
16 *amended by striking “section 831(c) of the National*
17 *Defense Authorization Act for Fiscal Year 1991 (10*
18 *U.S.C. 2302 note; Public Law 101–510)” and insert-*
19 *ing “section 4902(c) of title 10, United States Code”.*

20 *(2) SMALL BUSINESS ACT.—Section 8(d)(12) of*
21 *the Small Business Act (15 U.S.C. 637(d)(12)) is*
22 *amended—*

23 *(A) by striking “the pilot Mentor-Protege*
24 *Program established pursuant to section 831 of*
25 *the National Defense Authorization Act for Fis-*

1 *cal Year 1991 (Public Law 101–510; 10 U.S.C.*
2 *2301 note)” and inserting “the Mentor-Protege*
3 *Program established under section 4902 of title*
4 *10, United States Code,”; and*

5 *(B) by striking “subsection (g)” and insert-*
6 *ing “subsection (f)”.*

7 *(e) REGULATIONS.—Not later than December 31, 2023,*
8 *the Secretary of Defense shall issue regulations for carrying*
9 *out section 4902 of title 10, United States Code, as amended*
10 *by this section.*

11 *(f) AGREEMENTS UNDER PILOT PROGRAM.—The*
12 *amendments made by this section shall not apply with re-*
13 *spect to any agreement entered into under the program as*
14 *established under section 831 of the National Defense Au-*
15 *thorization Act for Fiscal Year 1991 (Public Law 101–510;*
16 *104 Stat. 1607) prior to the date of the enactment of this*
17 *Act.*

18 **SEC. 855. MICROLOAN PROGRAM; DEFINITIONS.**

19 *Paragraph (11) of section 7(m) of the Small Business*
20 *Act (15 U.S.C. 636(m)(11)) is amended—*

21 *(1) in clause (ii) of subparagraph (C), by strik-*
22 *ing “rural” and all that follows to the end of the*
23 *clause and inserting “rural;”;*

24 *(2) in subparagraph (D), by striking the period*
25 *at the end and inserting “; and”; and*

1 (3) *by adding at the end the following new sub-*
2 *paragraph:*

3 “(E) *the term ‘State’ means each of the sev-*
4 *eral States, the District of Columbia, the Com-*
5 *monwealth of Puerto Rico, the Virgin Islands of*
6 *the United States, Guam, the Commonwealth of*
7 *the Northern Mariana Islands, and American*
8 *Samoa.”.*

9 **SEC. 856. SMALL BUSINESS INNOVATION PROGRAM EXTEN-**
10 **SION.**

11 *Section 9 of the Small Business Act (15 U.S.C. 638)*
12 *is amended by striking “2022” each place it appears and*
13 *inserting “2024”.*

14 **SEC. 857. PROHIBITION ON COVERED AIRPORT CONTRACTS**
15 **WITH CERTAIN ENTITIES.**

16 (a) *IN GENERAL.*—*The Secretary of Defense may not*
17 *award a contract for the procurement of infrastructure or*
18 *equipment for a passenger boarding bridge at a covered air-*
19 *port to a covered contractor.*

20 (b) *DEFINITIONS.*—*In this section:*

21 (1) *The term “covered airport” means a military*
22 *airport designated by the Secretary of Transportation*
23 *under section 47118(a) of title 49, United States*
24 *Code.*

1 (2) *The term “covered contractor” means a con-*
2 *tractor of the Department of Defense—*

3 *(A) that—*

4 *(i) is owned, directed, or subsidized by*
5 *the People’s Republic of China; and*

6 *(ii) has been determined by a Federal*
7 *court to have misappropriated intellectual*
8 *property or trade secrets from an entity or-*
9 *ganized under the laws of the United States*
10 *or any jurisdiction within the United*
11 *States; and*

12 *(B) that—*

13 *(i) owns or controls, is owned or con-*
14 *trolled by, is under common ownership or*
15 *control with, or is a successor to an entity*
16 *described in subparagraph (A); or*

17 *(ii) has entered into an agreement,*
18 *partnership, or other contractual arrange-*
19 *ment with such an entity; or*

20 *(iii) has accepted funding (regardless*
21 *of whether such funding is in the form of*
22 *minority investment interest or debt) from*
23 *such an entity.*

1 **SEC. 858. RISK MANAGEMENT FOR DEPARTMENT OF DE-**
2 **FENSE SUPPLY CHAINS.**

3 (a) *RISK MANAGEMENT FOR ALL DEPARTMENT OF*
4 *DEFENSE SUPPLY CHAINS.*—*Not later than 180 days after*
5 *the date of the enactment of this Act, the Under Secretary*
6 *of Defense for Acquisition and Sustainment shall—*

7 (1) *develop and issue implementing guidance for*
8 *risk management for Department of Defense supply*
9 *chains for materiel for the Department, including*
10 *pharmaceuticals;*

11 (2) *identify, in coordination with the Commis-*
12 *sioner of Food and Drugs, supply chain information*
13 *gaps regarding reliance on foreign suppliers of drugs,*
14 *including active pharmaceutical ingredients and final*
15 *drug products; and*

16 (3) *submit to Congress a report regarding—*

17 (A) *existing information streams, if any,*
18 *that may be used to assess the reliance by the*
19 *Department of Defense on high-risk foreign sup-*
20 *pliers of drugs;*

21 (B) *vulnerabilities in the drug supply*
22 *chains of the Department of Defense; and*

23 (C) *any recommendations to address—*

24 (i) *information gaps identified under*
25 *paragraph (2); and*

1 (ii) any risks related to such reliance
2 on foreign suppliers.

3 (b) *RISK MANAGEMENT FOR DEPARTMENT OF DE-*
4 *FENSE PHARMACEUTICAL SUPPLY CHAIN.*—*The Director of*
5 *the Defense Health Agency shall—*

6 (1) *not later than one year after the issuance of*
7 *the guidance required by subsection (a)(1), develop*
8 *and publish implementing guidance for risk manage-*
9 *ment for the Department of Defense supply chain for*
10 *pharmaceuticals; and*

11 (2) *establish a working group—*

12 (A) *to assess risks to the pharmaceutical*
13 *supply chain;*

14 (B) *to identify the pharmaceuticals most*
15 *critical to beneficiary care at military treatment*
16 *facilities; and*

17 (C) *to establish policies for allocating scarce*
18 *pharmaceutical resources in case of a supply dis-*
19 *ruption.*

20 (c) *RESPONSIVENESS TESTING OF DEFENSE LOGIS-*
21 *TICS AGENCY PHARMACEUTICAL CONTRACTS.*—*The Direc-*
22 *tor of the Defense Logistics Agency shall modify Defense Lo-*
23 *gistics Agency Instructions 5025.03 and 3110.01—*

24 (1) *to require Defense Logistics Agency Troop*
25 *Support to coordinate annually with customers in the*

1 *military departments to conduct responsiveness test-*
2 *ing of the Defense Logistics Agency's contingency con-*
3 *tracts for pharmaceuticals; and*

4 *(2) to include the results of that testing, as re-*
5 *ported by customers in the military departments, in*
6 *the annual reports of the Warstopper Program.*

7 ***Subtitle F—Other Matters***

8 ***SEC. 861. TECHNICAL CORRECTION TO EFFECTIVE DATE OF*** 9 ***THE TRANSFER OF CERTAIN TITLE 10 ACQUI-*** 10 ***SITION PROVISIONS.***

11 *(a) IN GENERAL.—The amendments made by section*
12 *1701(e) and paragraphs (1) and (2) of section 802(b) of*
13 *the National Defense Authorization Act for Fiscal Year*
14 *2022 (Public Law 117–81) shall be deemed to have taken*
15 *effect immediately before the amendments made by section*
16 *1881 of the William M. (Mac) Thornberry National Defense*
17 *Authorization Act for Fiscal Year 2021 (Public Law 116–*
18 *283; 134 Stat. 4293).*

19 *(b) TREATMENT OF SECTION 4027 REQUIREMENTS.—*
20 *An individual or entity to which the requirements under*
21 *section 4027 of title 10, United States Code, were applicable*
22 *during the period beginning on January 1, 2022, and end-*
23 *ing on the date of the enactment of this Act pursuant to*
24 *subsection (a) shall be deemed to have complied with such*
25 *requirements during such period.*

1 **SEC. 862. REGULATIONS ON USE OF FIXED-PRICE TYPE**
2 **CONTRACTS FOR MAJOR DEFENSE ACQUI-**
3 **SITION PROGRAMS.**

4 (a) *MODIFICATION OF REGULATIONS.*—Not later than
5 120 days after the date of the enactment of this Act, the
6 Secretary of Defense shall revise the Department of Defense
7 Supplement to the Federal Acquisition Regulation and any
8 regulations issued pursuant to section 818 of the John War-
9 ner National Defense Authorization Act for Fiscal Year
10 2007 (Public Law 109–364; 120 Stat. 2329) regarding the
11 use of fixed-price type contracts for a major defense acquisi-
12 tion program.

13 (b) *ELEMENTS.*—The revisions described in subsection
14 (a) shall require the following:

15 (1) That the number of low-rate initial produc-
16 tion lots associated with a major defense acquisition
17 program may not be more than one if—

18 (A) the milestone decision authority author-
19 izes the use of a fixed-price type contract at the
20 time of a decision on Milestone B approval; and

21 (B) the scope of work of the fixed-price type
22 contract includes both the development and low-
23 rate initial production of items for such major
24 defense acquisition program.

25 (2) The limitation in paragraph (1) may be
26 waived on a case-by-case basis by the applicable serv-

1 *ice acquisition executive. This waiver authority may*
2 *not be delegated below the level of service acquisition*
3 *executive.*

4 *(c) DEFINITIONS.—In this section:*

5 *(1) The term “low-rate initial production” has*
6 *the meaning given under section 4231 of title 10,*
7 *United States Code.*

8 *(2) The term “milestone decision authority” has*
9 *the meaning given in section 4211 of title 10, United*
10 *States Code.*

11 *(3) The term “major defense acquisition pro-*
12 *gram” has the meaning given in section 4201 of title*
13 *10, United States Code.*

14 *(4) The term “Milestone B approval” has the*
15 *meaning given in section 4172(e) of title 10, United*
16 *States Code.*

17 **SEC. 863. NOTIFICATION ON RETENTION RATE POLICY.**

18 *(a) NOTICE AND WAIT.—A determination of the Sec-*
19 *retary of the Navy that a contract for non-nuclear surface*
20 *ship repair and maintenance made to a private entity re-*
21 *quires the Secretary of the Navy to retain more than 1 per-*
22 *cent of the overall contract value may only be carried out*
23 *after the end of a 30-day period beginning on the date on*
24 *which the congressional defense committees receive the noti-*

1 *fication from the Secretary of the Navy under subsection*
2 *(b).*

3 *(b) CONTENTS.—The notification described in sub-*
4 *section (a) shall include the following:*

5 *(1) A description of the rationale for making*
6 *such determination.*

7 *(2) A description of the potential impact on the*
8 *defense industrial base because of such determination.*

9 *(3) A description of how the Navy plans to use,*
10 *to a greater extent, the flexibility on retention rates*
11 *pursuant to chapter 277 of title 10, United States*
12 *Code.*

13 *(c) TERMINATION.—This section and the requirements*
14 *of this section shall terminate on the later of—*

15 *(1) the date on which the National Defense Au-*
16 *thorization Act for Fiscal Year 2024 is enacted; or*

17 *(2) September 30, 2023.*

18 **SEC. 864. SECURITY CLEARANCE BRIDGE PILOT PROGRAM.**

19 *(a) IN GENERAL.—The Secretary of Defense, in con-*
20 *sultation with the Director of National Intelligence, shall*
21 *conduct a pilot program to enable employees of innovative*
22 *technology companies to begin work under contracts more*
23 *quickly by allowing the Defense Counterintelligence and Se-*
24 *curity Agency to administer the personal security clear-*
25 *ances of the employees of innovative technology companies*

1 *while the Government completes the adjudication of the fa-*
2 *cility clearance application of the innovative technology*
3 *company.*

4 *(b) PERSONAL SECURITY CLEARANCE AUTHORITY.—*

5 *(1) IN GENERAL.—Under the pilot program, the*
6 *Defense Counterintelligence and Security Agency may*
7 *nominate and administer the personal security clear-*
8 *ances of the employees of an innovative technology*
9 *company while the Government completes the adju-*
10 *dication of the facility clearance application of the*
11 *innovative technology company if the innovative tech-*
12 *nology company is a contractor of the Department of*
13 *Defense under a contract the performance of which re-*
14 *quires that the innovative technology company have*
15 *access to classified information.*

16 *(2) LIMITATION.—Under the pilot program, the*
17 *Defense Counterintelligence and Security Agency may*
18 *administer the personal security clearances of employ-*
19 *ees of not more than—*

20 *(A) 25 innovative technology companies in*
21 *Fiscal Year 2023;*

22 *(B) 50 innovative technology companies in*
23 *Fiscal Year 2024;*

24 *(C) 75 innovative technology companies in*
25 *Fiscal Year 2025;*

1 (D) 100 innovative technology companies in
2 Fiscal Year 2026; and

3 (E) 125 innovative technology companies in
4 Fiscal Year 2027.

5 (c) *CLEARANCE TRANSFER.*—

6 (1) *IN GENERAL.*—Not later than 30 days after
7 an innovative technology company is granted facility
8 clearance, the Defense Counterintelligence and Secu-
9 rity Agency shall transfer any personal clearances of
10 employees of the innovative technology company held
11 by the Defense Counterintelligence and Security Agen-
12 cy under the pilot program back to the innovative
13 technology company.

14 (2) *DENIAL OF FACILITY CLEARANCE.*—Not later
15 than 10 days after an innovative technology company
16 is denied facility clearance, the Defense Counterintel-
17 ligence and Security Agency shall release any per-
18 sonal clearances of employees of the innovative tech-
19 nology company held by the Defense Counterintel-
20 ligence and Security Agency under the pilot program.

21 (d) *REPORT.*—

22 (1) *IN GENERAL.*—Not later than one year after
23 the date of the enactment of this Act, and annually
24 thereafter, the Under Secretary of Defense for Re-
25 search and Engineering and the Under Secretary of

1 *Defense for Intelligence and Security shall jointly*
2 *submit to the congressional defense committees, the*
3 *Permanent Select Committee on Intelligence of the*
4 *House of Representatives, and the Select Committee*
5 *on Intelligence of the Senate a report on the progress*
6 *of the pilot program.*

7 (2) *CONTENTS.—Each report required under*
8 *paragraph (1) shall include—*

9 (A) *an assessment of—*

10 (i) *the extent to which the authority*
11 *under the pilot program has been used; and*

12 (ii) *the usefulness of such authority;*

13 (B) *the number of innovative technology*
14 *companies for which the Defense Counterintel-*
15 *ligence and Security Agency administered a per-*
16 *sonal security clearance of an employee under*
17 *the pilot program;*

18 (C) *the number of programs of the Depart-*
19 *ment of Defense affected by the pilot program;*

20 (D) *an analysis of the demand for addi-*
21 *tional innovative technology companies to par-*
22 *ticipate in the pilot program, including who*
23 *may have been excluded from the program due to*
24 *the limitation in subsection (b)(2);*

1 (E) the length of time required for the facil-
2 ity clearance adjudication of each innovative
3 technology company for which the Defense Coun-
4 terintelligence and Security Agency administered
5 a personal security clearance of an employee
6 under the pilot program;

7 (F) an estimate of the time saved on each
8 contract with respect to which the authority
9 under the pilot program is exercised by enabling
10 employees of innovative technology companies to
11 begin work before the Government completes the
12 adjudication of the facility clearance application
13 of the innovative technology company;

14 (G) an assessment of any foreign intel-
15 ligence threats posed by the pilot program;

16 (H) an assessment of the administrative
17 costs and benefits of the pilot program; and

18 (I) such other information that the Under
19 Secretary of Defense for Research and Engineer-
20 ing and the Under Secretary of Defense for Intel-
21 ligence and Security jointly determine appro-
22 priate.

23 (e) *PARTICIPANT SELECTION.*—The Defense Innova-
24 tion Unit shall select innovative technology companies to
25 participate in the pilot program.

1 (f) *SUNSET.*—*The pilot program shall terminate on*
2 *December 31, 2028.*

3 (g) *DEFINITIONS.*—*In this section:*

4 (1) *FACILITY CLEARANCE.*—*The term “facility*
5 *clearance” has the meaning given the term “Facility*
6 *Clearance” in section 95.5 of title 10, Code of Federal*
7 *Regulations, or any successor regulation.*

8 (2) *INNOVATIVE TECHNOLOGY COMPANY.*—*The*
9 *term “innovative technology company” means a com-*
10 *pany that—*

11 (A) *provides goods or services related to—*

12 (i) *one or more of the fourteen critical*
13 *technology areas described in the memo-*
14 *randum by the Under Secretary of Defense*
15 *for Research and Engineering issued on*
16 *February 1, 2022, entitled “USD(R&E)*
17 *Technology Vision for an Era of Competi-*
18 *tion”;* or

19 (ii) *information technology, software,*
20 *or hardware that is unavailable from any*
21 *other entity that possesses a facility clear-*
22 *ance; and*

23 (B) *is selected by the Defense Innovation*
24 *Unit under subsection (e) to participate in the*
25 *pilot program.*

1 (3) *PERSONAL SECURITY CLEARANCE.*—*The term*
2 “*personal security clearance*” *means the security*
3 *clearance of an individual who has received approval*
4 *from the Department of Defense to access classified*
5 *information.*

6 (4) *PILOT PROGRAM.*—*The term “pilot program”*
7 *means the pilot program established under subsection*
8 *(a).*

9 **SEC. 865. DEPARTMENT OF DEFENSE NATIONAL IMPERA-**
10 **TIVE FOR INDUSTRIAL SKILLS PROGRAM.**

11 (a) *IN GENERAL.*—*The Secretary of Defense, acting*
12 *through the Industrial Base Analysis and Sustainment pro-*
13 *gram of the Department of Defense, shall evaluate and fur-*
14 *ther develop workforce development training programs as*
15 *defined by the Secretary of Defense for training the skilled*
16 *industrial workers defined by the Secretary of Defense and*
17 *needed in the defense industrial base through the National*
18 *Imperative for Industrial Skills Program of the Department*
19 *of Defense (or a successor program).*

20 (b) *PRIORITIES.*—*In carrying out the program, the*
21 *Secretary shall prioritize workforce development training*
22 *programs that—*

23 (1) *are innovative, lab-based, or experientially-*
24 *based;*

1 (2) rapidly train skilled industrial workers for
2 employment with entities in the defense industrial
3 base faster than traditional classroom-based workforce
4 development training programs and at the scale need-
5 ed to measurably reduce, as rapidly as possible, the
6 shortages of skilled industrial workers in the defense
7 industrial base; and

8 (3) address the specific manufacturing require-
9 ments and skills that are unique to critical industrial
10 sectors of the defense industrial base as defined by the
11 Secretary of Defense, such as naval shipbuilding.

12 **SEC. 866. TEMPORARY SUSPENSION OF COVID-19 VACCINE**
13 **MANDATE FOR DEPARTMENT OF DEFENSE**
14 **CONTRACTORS.**

15 (a) *INDEPENDENT REPORT.*—The Comptroller General
16 of the United States shall—

17 (1) conduct a study on the predicted effects of the
18 requirement for contractors of the Department of De-
19 fense to receive a COVID-19 vaccine on the perform-
20 ance of such a contractor on a contract; and

21 (2) submit to the congressional defense commit-
22 tees a report containing the results of such study.

23 (b) *TEMPORARY SUSPENSION.*—The Secretary of De-
24 fense may not implement a requirement for contractors of
25 the Department of Defense to receive a COVID-19 vaccine

1 *until such time as the Comptroller General submits to the*
2 *congressional defense committees the report under sub-*
3 *section (a).*

4 ***TITLE IX—DEPARTMENT OF DE-***
5 ***FENSE ORGANIZATION AND***
6 ***MANAGEMENT***

7 ***Subtitle A—Office of the Secretary***
8 ***of Defense and Related Matters***

9 ***SEC. 901. INCREASE IN AUTHORIZED NUMBER OF ASSIST-***
10 ***ANT AND DEPUTY ASSISTANT SECRETARIES***
11 ***OF DEFENSE.***

12 *(a) INCREASE IN AUTHORIZED NUMBER OF ASSIST-*
13 *ANT SECRETARIES OF DEFENSE.—*

14 *(1) INCREASE.—Section 138(a)(1) of title 10,*
15 *United States Code, is amended by striking “15” and*
16 *inserting “18”.*

17 *(2) CONFORMING AMENDMENT.—Section 5315 of*
18 *title 5, United States Code, is amended by striking*
19 *“(14)” after “Assistant Secretaries of Defense” and*
20 *inserting “(18)”.*

21 *(b) INCREASE IN AUTHORIZED NUMBER OF DEPUTY*
22 *ASSISTANT SECRETARIES OF DEFENSE.—*

23 *(1) INCREASE.—Section 138 of such title is*
24 *amended by adding at the end the following new sub-*
25 *section:*

1 “(e) The maximum number of Deputy Assistant Secre-
2 taries of Defense is 57.”.

3 (2) *CONFORMING REPEAL.*—Section 908 of the
4 National Defense Authorization Act for Fiscal Year
5 2018 (Public Law 115–91; 10 U.S.C. 138 note) is re-
6 pealed.

7 **SEC. 902. RESPONSIBILITIES OF ASSISTANT SECRETARY OF**
8 **DEFENSE FOR SPECIAL OPERATIONS AND**
9 **LOW INTENSITY CONFLICT.**

10 Section 138(b)(2)(A) of title 10, United States Code,
11 is amended by inserting “(including explosive ordnance dis-
12 posal)” after “low intensity conflict activities”.

13 **Subtitle B—Other Department of**
14 **Defense Organization and Man-**
15 **agement Matters**

16 **SEC. 911. ELIGIBILITY OF CHIEF OF THE NATIONAL GUARD**
17 **BUREAU FOR APPOINTMENT AS CHAIRMAN**
18 **OF THE JOINT CHIEFS OF STAFF.**

19 Section 152(b)(1)(B) of title 10, United States Code,
20 is amended by striking “the Commandant of the Marine
21 Corps, or the Chief of Space Operations” and inserting “the
22 Commandant of the Marine Corps, the Chief of Space Oper-
23 ations, or the Chief of the National Guard Bureau”.

1 **SEC. 912. CLARIFICATION OF PEACETIME FUNCTIONS OF**
2 **THE NAVY.**

3 *Section 8062(a) of title 10, United States Code, is*
4 *amended—*

5 *(1) in the second sentence, by striking “pri-*
6 *marily” and inserting “for the peacetime promotion*
7 *of the national security interests and prosperity of the*
8 *United States and”;* and

9 *(2) in the third sentence, by striking “for the ef-*
10 *fective prosecution of war” and inserting “for the du-*
11 *ties described in the preceding sentence”.*

12 **SEC. 913. EXPLOSIVE ORDNANCE DISPOSAL DEFENSE PRO-**
13 **GRAM.**

14 *Section 2284(b) of title 10, United States Code, is*
15 *amended—*

16 *(1) in paragraph (1)—*

17 *(A) in subparagraph (A), by striking “and”*
18 *after the semicolon;*

19 *(B) in subparagraph (B), by striking “the*
20 *Department of Defense” and all that follows and*
21 *inserting “the Program;”;*

22 *(C) by adding at the end the following new*
23 *subparagraphs:*

24 *“(C) direct the executive agent to designate*
25 *a joint program executive officer for the Pro-*
26 *gram; and*

1 “(D) assign the Director of the Defense
2 Threat Reduction Agency to manage the Defense-
3 wide program element funding for the Pro-
4 gram.”.

5 (2) by striking paragraph (4);

6 (3) by redesignating paragraph (5) as para-
7 graph (4);

8 (4) in paragraph (4), as so redesignated, by
9 striking the period at the end and inserting a semi-
10 colon; and

11 (5) by adding at the end the following new para-
12 graphs:

13 “(5) the Secretary of the Navy shall designate a
14 Navy explosive ordnance disposal-qualified admiral
15 officer to serve as the co-chair of the Program; and

16 “(6) the Assistant Secretary of Defense for Spe-
17 cial Operations and Low Intensity Conflict shall des-
18 ignate the Deputy Assistant Secretary of Defense for
19 Special Operations and Combating Terrorism as the
20 co-chair of the Program.”.

1 **SEC. 914. MODIFICATION OF REPORT REGARDING THE DES-**
2 **IGNATION OF THE EXPLOSIVE ORDNANCE**
3 **DISPOSAL CORPS AS A BASIC BRANCH OF THE**
4 **ARMY.**

5 *Section 582(b)(2) of the National Defense Authoriza-*
6 *tion Act for Fiscal Year 2018 (Public Law 115–91; 10*
7 *U.S.C. 3063 note) is amended—*

8 *(1) in subparagraph (F), by inserting “National*
9 *Guard Bureau,” before “Army Forces Command”;*
10 *and*

11 *(2) by adding at the end the following new sub-*
12 *paragraph:*

13 *“(H) The Secretary of the Army has des-*
14 *ignated an Assistant Secretary of the Army as*
15 *the key individual responsible for developing and*
16 *overseeing policy, plans, programs, and budgets,*
17 *and issuing guidance and providing direction on*
18 *the explosive ordnance disposal activities of the*
19 *Army.”.*

20 **SEC. 915. CLARIFICATION OF ROLES AND RESPONSIBIL-**
21 **ITIES FOR FORCE MODERNIZATION EFFORTS**
22 **OF THE ARMY.**

23 *(a) PLAN REQUIRED.—Not later than 180 days after*
24 *the date of the enactment of this Act, the Secretary of the*
25 *Army shall submit to the Committees on Armed Services*
26 *of the Senate and the House of Representatives a plan that*

1 *comprehensively defines the roles and responsibilities of offi-*
2 *cials and organizations of the Army with respect to the force*
3 *modernization efforts of the Army.*

4 (b) *ELEMENTS.—The plan under subsection (a)*
5 *shall—*

6 (1) *identify the official within the Army who*
7 *shall have primary responsibility for the force mod-*
8 *ernization efforts of the Army, and specify the roles,*
9 *responsibilities, and authorities of that official;*

10 (2) *clearly define the roles, responsibilities, and*
11 *authorities of the Army Futures Command and the*
12 *Assistant Secretary of the Army for Acquisition, Lo-*
13 *gistics, and Technology with respect to such efforts;*

14 (3) *clarify the roles, responsibilities, and au-*
15 *thorities of officials and organizations of the Army*
16 *with respect to acquisition in support of such efforts;*
17 *and*

18 (4) *include such other information as the Sec-*
19 *retary of the Army determines appropriate.*

20 (c) *ROLE OF ARMY FUTURES COMMAND.—In the event*
21 *the Secretary of the Army does not submit the plan required*
22 *under subsection (a) by the expiration of the 180 day period*
23 *specified in such subsection, then beginning at the expira-*
24 *tion of such period—*

1 (1) *the Commanding General of the Army Fu-*
2 *tures Command shall have the roles, responsibilities,*
3 *and authorities assigned to the Commanding General*
4 *pursuant to Army Directive 2020–15 (“Achieving*
5 *Persistent Modernization”)* as in effect on November
6 16, 2020; and

7 (2) *any provision of Army Directive 2022–07*
8 *(“Army Modernization Roles and Responsibilities”),*
9 *or any successor directive, that modifies or con-*
10 *travenes a provision of the directive specified in para-*
11 *graph (1) shall have no force or effect.*

12 **SEC. 916. REPORT ON POTENTIAL TRANSITION OF ALL**
13 **MEMBERS OF SPACE FORCE INTO A SINGLE**
14 **COMPONENT.**

15 (a) *REPORT REQUIRED.*—*Not later than March 1,*
16 *2023, the Secretary of Defense shall submit to the Commit-*
17 *tees on Armed Services of the Senate and the House of Rep-*
18 *resentatives a report on the proposal of the Air Force to*
19 *transition the Space Force into a single component (in this*
20 *section referred to as the Space Component)—*

21 (1) *that consists of all members of the Space*
22 *Force, without regard to whether such a member is,*
23 *under laws in effect at the time of the report, in the*
24 *active or reserve component of the Space Force; and*

1 (2) *in which such members may transfer between*
2 *duty statuses more freely than would otherwise be al-*
3 *lowed under the laws in effect at the time of the re-*
4 *port.*

5 (b) *ELEMENTS.—The report required under subsection*
6 *(a) shall include the following:*

7 (1) *A plan that describes any rules, regulations,*
8 *policies, guidance, and statutory provisions that may*
9 *be implemented to govern—*

10 (A) *the ability of a member of the Space*
11 *Component to transfer between duty statuses, the*
12 *number of members authorized to make such*
13 *transfers, and the timing of such transfers;*

14 (B) *the retirement of members of the Space*
15 *Component, including the determination of a*
16 *member's eligibility for retirement and the cal-*
17 *culatation of the retirement benefits (including*
18 *benefits under laws administered by the Sec-*
19 *retary of Veterans Affairs) to which the member*
20 *would be entitled based on a career consisting of*
21 *service in duty statuses of the Space Component;*
22 *and*

23 (C) *the composition and operation of pro-*
24 *motion selection boards with respect to members*

1 *of the Space Component, including the treatment*
2 *of general officers by such boards.*

3 (2) *A comprehensive analysis of how such pro-*
4 *posal may affect the ability of departments and agen-*
5 *cies of the Federal Government (including depart-*
6 *ments and agencies outside the Department of Defense*
7 *and the Department of Veterans Affairs) to accurately*
8 *calculate the pay or determine the benefits, including*
9 *health care benefits under chapter 55 of title 10,*
10 *United States Code, to which a member or former*
11 *member of the Space Component is entitled at any*
12 *given time.*

13 (3) *Draft legislative text, prepared by the Office*
14 *of Legislative Counsel within the Office of the General*
15 *Counsel of the Department of Defense, that com-*
16 *prehensively sets forth all amendments and modifica-*
17 *tions to Federal statutes needed to effectively imple-*
18 *ment the proposal described in subsection (a), includ-*
19 *ing—*

20 (A) *amendments and modifications to titles*
21 *10, 37, and 38, United States Code;*

22 (B) *amendments and modifications to Fed-*
23 *eral statutes outside of such titles; and*

24 (C) *an analysis of each provision of Federal*
25 *statutory law that refers to the duty status of a*

1 *member of an Armed Force, or whether such*
2 *member is in an active or reserve component,*
3 *and, for each such provision—*

4 *(i) a written determination indicating*
5 *whether such provision requires amendment*
6 *or other modification to clarify its applica-*
7 *bility to a member of the Space Component;*
8 *and*

9 *(ii) if such an amendment or modifica-*
10 *tion is required, draft legislative text for*
11 *such amendment or modification.*

12 ***Subtitle C—Space National Guard***

13 ***SEC. 921. ESTABLISHMENT OF SPACE NATIONAL GUARD.***

14 *(a) ESTABLISHMENT.—*

15 *(1) IN GENERAL.—There is established a Space*
16 *National Guard that is part of the organized militia*
17 *of the several States and Territories, Puerto Rico, and*
18 *the District of Columbia—*

19 *(A) in which the Space Force operates; and*

20 *(B) active and inactive.*

21 *(2) RESERVE COMPONENT.—There is established*
22 *a Space National Guard of the United States that is*
23 *the reserve component of the United States Space*
24 *Force all of whose members are members of the Space*
25 *National Guard.*

1 (b) *COMPOSITION.*—*The Space National Guard shall*
2 *be composed of the Space National Guard forces of the sev-*
3 *eral States and Territories, Puerto Rico and the District*
4 *of Columbia—*

5 (1) *in which the Space Force operates; and*

6 (2) *active and inactive.*

7 **SEC. 922. NO EFFECT ON MILITARY INSTALLATIONS.**

8 *Nothing in this subtitle, or the amendments made by*
9 *this subtitle, shall be construed to authorize or require the*
10 *relocation of any facility, infrastructure, or military instal-*
11 *lation of the Space National Guard or Air National Guard.*

12 **SEC. 923. IMPLEMENTATION OF SPACE NATIONAL GUARD.**

13 (a) *REQUIREMENT.*—*Except as specifically provided*
14 *by this subtitle, the Secretary of the Air Force and Chief*
15 *of the National Guard Bureau shall implement this subtitle,*
16 *and the amendments made by this subtitle, not later than*
17 *18 months after the date of the enactment of this Act.*

18 (b) *BRIEFINGS.*—*Not later than 90 days after the date*
19 *of the enactment of this Act, and annually for the five subse-*
20 *quent years, the Secretary of the Air Force, Chief of the*
21 *Space Force and Chief of the National Guard Bureau shall*
22 *jointly provide to the congressional defense committees a*
23 *briefing on the status of the implementation of the Space*
24 *National Guard pursuant to this subtitle and the amend-*
25 *ments made by this subtitle. This briefing shall address the*

1 *current missions, operations and activities, personnel re-*
 2 *quirements and status, and budget and funding require-*
 3 *ments and status of the Space National Guard, and such*
 4 *other matters with respect to the implementation and oper-*
 5 *ation of the Space National Guard as the Secretary and*
 6 *the Chiefs jointly determine appropriate to keep Congress*
 7 *fully and currently informed on the status of the implemen-*
 8 *tation of the Space National Guard.*

9 **SEC. 924. CONFORMING AMENDMENTS AND CLARIFICATION**
 10 **OF AUTHORITIES.**

11 *(a) DEFINITIONS.—*

12 *(1) TITLE 10, UNITED STATES CODE.—Title 10,*
 13 *United States Code, is amended—*

14 *(A) in section 101—*

15 *(i) in subsection (c)—*

16 *(I) by redesignating paragraphs*
 17 *(6) and (7) as paragraphs (8) and (9),*
 18 *respectively; and*

19 *(II) by inserting after paragraph*
 20 *(5) the following new paragraphs:*

21 *“(6) The term ‘Space National Guard’ means*
 22 *that part of the organized militia of the several States*
 23 *and territories, Puerto Rico, and the District Of Co-*
 24 *lumbia, active and inactive, that—*

25 *“(A) is a space force;*

1 “(B) is trained, and has its officers ap-
2 pointed under the sixteenth clause of section 8,
3 article I of the Constitution;

4 “(C) is organized, armed, and equipped
5 wholly or partly at Federal expense; and

6 “(D) is federally recognized.

7 “(7) The term ‘Space National Guard of the
8 United States’ means the reserve component of the
9 Space Force all of whose members are members of the
10 Space National Guard.”; and

11 (B) in section 10101—

12 (i) in the matter preceding paragraph
13 (1), by inserting “the following” before the
14 colon; and

15 (ii) by adding at the end the following
16 new paragraph:

17 “(8) The Space National Guard of the United
18 States.”.

19 (2) TITLE 32, UNITED STATES CODE.—Section
20 101 of title 32, United States Code is amended—

21 (A) by redesignating paragraphs (8)
22 through (19) as paragraphs (10) and (21), re-
23 spectively; and

24 (B) by inserting after paragraph (7) the fol-
25 lowing new paragraphs:

1 “(8) *The term ‘Space National Guard’ means*
2 *that part of the organized militia of the several States*
3 *and territories, Puerto Rico, and the District Of Co-*
4 *lumbia, in which the Space Force operates, active and*
5 *inactive, that—*

6 “(A) *is a space force;*

7 “(B) *is trained, and has its officers ap-*
8 *pointed under the sixteenth clause of section 8,*
9 *article I of the Constitution;*

10 “(C) *is organized, armed, and equipped*
11 *wholly or partly at Federal expense; and*

12 “(D) *is federally recognized.*

13 “(9) *The term ‘Space National Guard of the*
14 *United States’ means the reserve component of the*
15 *Space Force all of whose members are members of the*
16 *Space National Guard.’’.*

17 (b) *RESERVE COMPONENTS.—Chapter 1003 of title 10,*
18 *United States Code, is amended—*

19 (1) *by adding at the end the following new sec-*
20 *tions:*

21 **“§ 10115. *Space National Guard of the United States:***

22 ***composition***

23 *“The Space National Guard of the United States is*
24 *the reserve component of the Space Force that consists of—*

1 “(1) *federally recognized units and organizations*
2 *of the Space National Guard; and*

3 “(2) *members of the Space National Guard who*
4 *are also Reserves of the Space Force.*

5 **“§ 10116. Space National Guard: when a component of**
6 ***the Space Force***

7 *“The Space National Guard while in the service of the*
8 *United States is a component of the Space Force.*

9 **“§ 10117. Space National Guard of the United States:**
10 ***status when not in Federal service***

11 *“When not on active duty, members of the Space Na-*
12 *tional Guard of the United States shall be administered,*
13 *armed, equipped, and trained in their status as members*
14 *of the Space National Guard.”; and*

15 (2) *in the table of sections at the beginning of*
16 *such chapter, by adding at the end the following new*
17 *items:*

“10115. Space National Guard of the United States: composition.

“10116. Space National Guard: when a component of the Space Force.

*“10117. Space National Guard of the United States: status when not in Federal
service.”.*

18 **TITLE X—GENERAL PROVISIONS**

19 **Subtitle A—Financial Matters**

20 **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

21 (a) *AUTHORITY TO TRANSFER AUTHORIZATIONS.—*

22 (1) *AUTHORITY.—Upon determination by the*
23 *Secretary of Defense that such action is necessary in*

1 *the national interest, the Secretary may transfer*
2 *amounts of authorizations made available to the De-*
3 *partment of Defense in this division for fiscal year*
4 *2023 between any such authorizations for that fiscal*
5 *year (or any subdivisions thereof). Amounts of au-*
6 *thorizations so transferred shall be merged with and*
7 *be available for the same purposes as the authoriza-*
8 *tion to which transferred.*

9 (2) *LIMITATION.—Except as provided in para-*
10 *graph (3), the total amount of authorizations that the*
11 *Secretary may transfer under the authority of this*
12 *section may not exceed \$6,000,000,000.*

13 (3) *EXCEPTION FOR TRANSFERS BETWEEN MILI-*
14 *TARY PERSONNEL AUTHORIZATIONS.—A transfer of*
15 *funds between military personnel authorizations*
16 *under title IV shall not be counted toward the dollar*
17 *limitation in paragraph (2).*

18 (b) *LIMITATIONS.—The authority provided by sub-*
19 *section (a) to transfer authorizations—*

20 (1) *may only be used to provide authority for*
21 *items that have a higher priority than the items from*
22 *which authority is transferred; and*

23 (2) *may not be used to provide authority for an*
24 *item that has been denied authorization by Congress.*

1 (c) *EFFECT ON AUTHORIZATION AMOUNTS.*—A trans-
2 *fer made from one account to another under the authority*
3 *of this section shall be deemed to increase the amount au-*
4 *thorized for the account to which the amount is transferred*
5 *by an amount equal to the amount transferred.*

6 (d) *NOTICE TO CONGRESS.*—*The Secretary shall*
7 *promptly notify Congress of each transfer made under sub-*
8 *section (a).*

9 **SEC. 1002. DETERMINATION OF BUDGETARY EFFECTS.**

10 *The budgetary effects of this Act, for the purpose of*
11 *complying with the Statutory Pay-As-You-Go Act of 2010,*
12 *shall be determined by reference to the latest statement titled*
13 *“Budgetary Effects of PAYGO Legislation” for this Act,*
14 *submitted for printing in the Congressional Record by the*
15 *Chairman of the House Budget Committee, provided that*
16 *such statement has been submitted prior to the vote on pas-*
17 *sage.*

18 ***Subtitle B—Counterdrug Activities***

19 **SEC. 1011. EXTENSION OF AUTHORITY TO SUPPORT A UNI-**
20 ***FIED COUNTERDRUG AND COUNTERTER-***
21 ***RORISM CAMPAIGN IN COLOMBIA.***

22 *Section 1021 of the Ronald W. Reagan National De-*
23 *fense Authorization Act for Fiscal Year 2005 (Public Law*
24 *108–375; 118 Stat. 2042), as most recently amended by sec-*
25 *tion 1007 of the National Defense Authorization Act for Fis-*

1 *cal Year 2022 (Public Law 117–81; 135 Stat. 1889), is fur-*
 2 *ther amended—*

3 *(1) in subsection (a)(1), by striking “2023” and*
 4 *inserting “2025”; and*

5 *(2) in subsection (c), by striking “2023” and in-*
 6 *serting “2025”.*

7 ***Subtitle C—Naval Vessels and***
 8 ***Shipyards***

9 ***SEC. 1021. NAVY CONSULTATION WITH MARINE CORPS ON***
 10 ***MAJOR DECISIONS DIRECTLY CONCERNING***
 11 ***MARINE CORPS AMPHIBIOUS FORCE STRUC-***
 12 ***TURE AND CAPABILITY.***

13 *(a) IN GENERAL.—Section 8026 of title 10, United*
 14 *States Code, is amended by inserting “or amphibious force*
 15 *structure and capability” after “Marine Corps aviation”.*

16 *(b) CLERICAL AMENDMENTS.—*

17 *(1) SECTION HEADING.—The heading of such sec-*
 18 *tion is amended by inserting “**or amphibious***
 19 ***force structure and capability*”.**

20 *(2) TABLE OF SECTIONS.—The table of sections*
 21 *at the beginning of chapter 803 of such title is*
 22 *amended by striking the item relating to section 8026*
 23 *and inserting the following new item:*

“8026. Consultation with Commandant of the Marine Corps on major decisions directly concerning Marine Corps aviation or amphibious force structure and capability.”.

1 **SEC. 1022. NUMBER OF NAVY OPERATIONAL AMPHIBIOUS**
2 **SHIPS.**

3 *Section 8062 of title 10, United States Code, is amend-*
4 *ed by adding at the end the following new subsection:*

5 *“(g) The naval combat forces of the Navy shall include*
6 *not less than 31 operational amphibious ships, comprised*
7 *of LSD-41 class ships, LSD-49 class ships, LPD-17 class*
8 *ships, LPD-17 Flight II class ships, LHD-1 class ships,*
9 *LHA-6 Flight 0 class ships, and LHA-6 Flight I class*
10 *ships. For purposes of this subsection, an operational am-*
11 *phibious ship includes an amphibious ship that is tempo-*
12 *rarily unavailable for worldwide deployment due to routine*
13 *or scheduled maintenance or repair.”.*

14 **SEC. 1023. AVAILABILITY OF FUNDS FOR RETIREMENT OR**
15 **INACTIVATION OF LANDING DOCK SHIPS.**

16 *None of the funds authorized to be appropriated by this*
17 *Act or otherwise made available for fiscal year 2023 for the*
18 *Department of Defense may be obligated or expended to re-*
19 *tire, prepare to retire, inactivate, or place in storage any*
20 *of the following ships:*

21 *(1) USS Germantown (LSD-42).*

22 *(2) USS Gunston Hall (LSD-44).*

23 *(3) USS Tortuga (LSD-46).*

24 *(4) USS Ashland (LSD-48).*

1 **SEC. 1024. AVAILABILITY OF FUNDS FOR RETIREMENT OR**
2 **INACTIVATION OF GUIDED MISSILE CRUIS-**
3 **ERS.**

4 (a) *IN GENERAL.*—Subject to subsection (b), none of
5 the funds authorized to be appropriated by this Act or other-
6 wise made available for fiscal year 2023 for the Department
7 of Defense may be obligated or expended to retire, prepare
8 to retire, inactivate, or place in storage more than four
9 guided missile cruisers.

10 (b) *USS VICKSBURG.*—The USS Vicksburg may not
11 be retired, prepared to retire, inactivated, or placed in stor-
12 age pursuant to subsection (a).

13 **SEC. 1025. BUSINESS CASE ANALYSES ON DISPOSITION OF**
14 **CERTAIN GOVERNMENT-OWNED DRY-DOCKS.**

15 (a) *AFDM-10.*—Not later than March 1, 2023, the Sec-
16 retary of the Navy shall submit to the congressional defense
17 committees the results of a business case analysis under
18 which the Secretary shall present a comparison of the fol-
19 lowing four options for Auxiliary Floating Dock, Medium-
20 10 in Seattle, Washington (in this section referred to as
21 “AFDM-10”):

22 (1) *The continued use of AFDM-10, in the same*
23 *location and under the same lease authorities in effect*
24 *on the date of the enactment of this Act.*

1 (2) *The relocation and use of AFDM-10 in alter-*
2 *nate locations under the same lease authorities in ef-*
3 *fect on the date of the enactment of this Act.*

4 (3) *The relocation and use of AFDM-10 in alter-*
5 *nate locations under alternative lease authorities.*

6 (4) *The conveyance of AFDM-10 at a fair mar-*
7 *ket rate to an appropriate non-Government entity*
8 *with expertise in the non-nuclear ship repair indus-*
9 *try.*

10 (b) *GRAVING DOCK AT NAVAL BASE, SAN DIEGO.—*
11 *Not later than March 1, 2023, the Secretary of the Navy*
12 *shall submit to the congressional defense committees the re-*
13 *sults of a business case analysis under which the Secretary*
14 *shall present a comparison of the following two options for*
15 *the Government-owned graving dock at Naval Base San*
16 *Diego, California:*

17 (1) *The continued use of such graving dock, in*
18 *accordance with the utilization strategy described in*
19 *the May 25, 2022 report to Congress entitled “Navy*
20 *Dry Dock Strategy for Surface Ship Maintenance*
21 *and Repair”.*

22 (2) *The lease of such graving dock to an appro-*
23 *priate non-Government entity with expertise in the*
24 *non-nuclear ship repair industry.*

1 **SEC. 1026. PROHIBITION ON USE OF FUNDS FOR RETIRE-**
2 **MENT OF LEGACY MARITIME MINE COUNTER-**
3 **MEASURES PLATFORMS.**

4 (a) *PROHIBITION.*—*Except as provided in subsection*
5 *(b), the Secretary of the Navy may not obligate or expend*
6 *funds to discontinue or prepare to discontinue, including*
7 *by making a substantive reduction in training and oper-*
8 *ational employment, the Marine Mammal System program,*
9 *that has been used, or is currently being used, for—*

10 (1) *port security at Navy bases, known as Mark-*
11 *6 systems; or*

12 (2) *mine search capabilities, known as Mark-7*
13 *systems.*

14 (b) *WAIVER.*—*The Secretary of the Navy may waive*
15 *the prohibition under subsection (a) if the Secretary, with*
16 *the concurrence of the Director of Operational Test and*
17 *Evaluation, certifies in writing to the congressional defense*
18 *committees that the Secretary has—*

19 (1) *identified a replacement capability and the*
20 *necessary quantity of such capability to meet all oper-*
21 *ational requirements currently being met by the Ma-*
22 *rine Mammal System program, including a detailed*
23 *explanation of such capability and quantity;*

24 (2) *achieved initial operational capability of all*
25 *capabilities referred to in paragraph (1), including a*
26 *detailed explanation of such achievement; and*

1 (3) *deployed a sufficient quantity of capabilities*
2 *referred to in paragraph (1) that have achieved ini-*
3 *tial operational capability to continue to meet or ex-*
4 *ceed all operational requirements currently being met*
5 *by Marine Mammal System program, including a de-*
6 *tailed explanation of such deployment.*

7 **SEC. 1027. DEADLINE FOR 75 PERCENT MANNING FILL FOR**
8 **SHIPS UNDERGOING NUCLEAR REFUELING**
9 **OR DEFUELING.**

10 *By not later than December 31, 2023, the Secretary*
11 *of the Navy shall ensure that the manning fill for each ship*
12 *undergoing nuclear refueling or defueling, and any concur-*
13 *rent complex overhaul, is not less than—*

14 (1) *75 percent overall; and*

15 (2) *75 percent for enlisted grades E-6 and above.*

16 **SEC. 1028. PROHIBITION ON DEACTIVATION OF NAVY COM-**
17 **BAT DOCUMENTATION DETACHMENT 206.**

18 *None of the funds authorized to be appropriated by this*
19 *Act or otherwise made available for fiscal year 2023 for the*
20 *Navy may be obligated or expended to deactivate, or pre-*
21 *pare to deactivate Navy Combat Documentation Detach-*
22 *ment 206.*

1 **SEC. 1029. WITHHOLDING OF CERTAIN INFORMATION**
2 **ABOUT SUNKEN MILITARY CRAFTS.**

3 *Section 1406 of the Sunken Military Craft Act (title*
4 *XIV of Public Law 108–375; 10 U.S.C. 113 note) is amend-*
5 *ed by adding at the end the following new subsection: (j)*

6 *“(j) WITHHOLDING OF CERTAIN INFORMATION.—Pur-*
7 *suant to subparagraphs (A)(ii) and (B) of section 552(b)(3)*
8 *of title 5 United States Code, the Secretary concerned may*
9 *withhold from public disclosure information and data about*
10 *the location or character of a sunken military craft under*
11 *the jurisdiction of the Secretary, if such disclosure would*
12 *increase the risk of the unauthorized disturbance of one or*
13 *more sunken military craft.”.*

14 **SEC. 1030. AVAILABILITY OF FUNDS FOR RETIREMENT OR**
15 **INACTIVATION OF EXPEDITIONARY TRANS-**
16 **FER DOCK SHIPS.**

17 *None of the funds authorized to be appropriated by this*
18 *Act or otherwise made available for fiscal year 2023 for the*
19 *Department of Defense may be obligated or expended to re-*
20 *tire, prepare to retire, inactivate, or place in storage the*
21 *following ships:*

22 *(1) ESD-1.*

23 *(2) ESD-2.*

1 **SEC. 1031. AVAILABILITY OF FUNDS FOR RETIREMENT OR**
2 **INACTIVATION OF LITTORAL COMBAT SHIPS.**

3 *None of the funds authorized to be appropriated by this*
4 *Act or otherwise made available for fiscal year 2023 for the*
5 *Department of Defense may be obligated or expended to re-*
6 *tire, prepare to retire, inactivate, or place in storage more*
7 *than four Littoral Combat Ships.*

8 **Subtitle D—Counterterrorism**

9 **SEC. 1035. PROHIBITION ON USE OF FUNDS FOR TRANSFER**
10 **OR RELEASE OF INDIVIDUALS DETAINED AT**
11 **UNITED STATES NAVAL STATION, GUANTA-**
12 **NAMO BAY, CUBA, TO CERTAIN COUNTRIES.**

13 *No amounts authorized to be appropriated or otherwise*
14 *made available for the Department of Defense may be used*
15 *during the period beginning on the date of the enactment*
16 *of this Act and ending on December 31, 2023, to transfer,*
17 *release, or assist in the transfer or release of any individual*
18 *detained in the custody or under the control of the Depart-*
19 *ment of Defense at United States Naval Station, Guanta-*
20 *namo Bay, Cuba, to the custody or control of any country,*
21 *or any entity within such country, as follows:*

- 22 (1) *Libya.*
23 (2) *Somalia.*
24 (3) *Syria.*
25 (4) *Yemen.*
26 (5) *Afghanistan.*

1 **Subtitle E—Miscellaneous**
2 **Authorities and Limitations**

3 **SEC. 1041. MODIFICATION OF AUTHORITY FOR HUMANI-**
4 **TARIAN DEMINING ASSISTANCE AND STOCK-**
5 **PILED CONVENTIONAL MUNITIONS ASSIST-**
6 **ANCE.**

7 (a) *LOCATION OF ASSISTANCE.*—Section 407 of title
8 10, *United States Code*, is amended—

9 (1) *in subsection (a)(1)*—

10 (A) *in the matter preceding subparagraph*

11 (A)—

12 (i) *by striking “carry out” and insert-*
13 *ing “provide”; and*

14 (ii) *by striking “in a country” and in-*
15 *serting “to a country”; and*

16 (B) *in subparagraph (A), by striking “in*
17 *which the activities are to be carried out” and*
18 *inserting “to which the assistance is to be pro-*
19 *vided”; and*

20 (2) *in subsection (d)*—

21 (A) *in paragraph (1)*—

22 (i) *by striking “in which” and insert-*
23 *ing “to which”; and*

24 (ii) *by striking “carried out” and in-*
25 *serting “provided”;*

1 (B) in paragraph (2), by striking “carried
2 out in” and inserting “provided to”;

3 (C) in paragraph (3)—

4 (i) by striking “in which” and insert-
5 ing “to which”; and

6 (ii) by striking “carried out” and in-
7 serting “provided”; and

8 (D) in paragraph (4), by striking “in car-
9 rying out such assistance in each such country”
10 and inserting “in providing such assistance to
11 each such country”.

12 (b) *EXPENSES*.—Subsection (c) of such section 407 is
13 amended—

14 (1) in paragraph (2), by adding at the end the
15 following new subparagraph:

16 “(C) Travel, transportation, and subsistence ex-
17 penses of foreign personnel to attend training pro-
18 vided by the Department of Defense under this sec-
19 tion.”; and

20 (2) in paragraph (3), by striking “\$15,000,000”
21 and inserting “\$20,000,000”.

22 (c) *REPORT*.—Subsection (d) of such section 407, as
23 amended by subsection (a)(2) of this section, is further
24 amended in the matter preceding paragraph (1), by striking
25 “include in the annual report under section 401 of this title

1 *a separate discussion of” and inserting “submit to the Com-*
2 *mittee on Armed Services and the Committee on Foreign*
3 *Relations of the Senate and the Committee on Armed Serv-*
4 *ices and the Committee on Foreign Affairs of the House of*
5 *Representatives a report on”.*

6 **SEC. 1042. SECURITY CLEARANCES FOR RECENTLY SEPA-**
7 **RATED MEMBERS OF THE ARMED FORCES**
8 **AND CIVILIAN EMPLOYEES OF THE DEPART-**
9 **MENT OF DEFENSE.**

10 *(a) IMPROVEMENTS.—*

11 *(1) IN GENERAL.—Except as provided in sub-*
12 *section (b), beginning on the date on which a covered*
13 *individual separates from the Armed Forces or the*
14 *Department of Defense (as the case may be), if the*
15 *Secretary of Defense determines that the covered indi-*
16 *vidual held a security clearance immediately prior to*
17 *such separation and requires a security clearance of*
18 *an equal or lower level for employment as a covered*
19 *contractor, the Secretary shall—*

20 *(A) during the one-year period following*
21 *such date, treat the previously held security*
22 *clearance as an active security clearance for pur-*
23 *poses of such employment; and*

24 *(B) during the two-year period following*
25 *the conclusion of the period specified in subpara-*

1 *graph (A), ensure that the adjudication of any*
2 *request submitted by the covered employee for the*
3 *reactivation of the previously held security clear-*
4 *ance for purposes of such employment is com-*
5 *pleted by not later than 180 days after the date*
6 *of such submission.*

7 (2) *COAST GUARD.*—*In the case of a member of*
8 *the Armed Forces who is a member of the Coast*
9 *Guard, the Secretary of Defense shall carry out para-*
10 *graph (1) in consultation with the Secretary of the*
11 *Department in which the Coast Guard is operating.*

12 (b) *EXCEPTIONS.*—

13 (1) *IN GENERAL.*—*Subsection (a) shall not apply*
14 *with respect to a covered individual—*

15 (A) *whose previously held security clearance*
16 *is, or was as of the date of separation of the cov-*
17 *ered individual, under review as a result of one*
18 *or more potentially disqualifying factors or con-*
19 *ditions that have not been fully investigated or*
20 *mitigated; or*

21 (B) *in the case of a member of the Armed*
22 *Forces, who separated from the Armed Forces*
23 *under other than honorable conditions.*

24 (2) *CLARIFICATION OF REVIEW EXCEPTION.*—*The*
25 *exception specified in paragraph (1)(A) shall not*

1 *apply with respect to a routine periodic reinvestiga-*
2 *tion or a continuous vetting investigation in which*
3 *no potentially disqualifying factors or conditions have*
4 *been found.*

5 *(c) DEFINITIONS.—In this section:*

6 *(1) The term “covered contractor” means an in-*
7 *dividual who is employed by an entity that carries*
8 *out work under a contract with the Department of*
9 *Defense or an element of the intelligence community.*

10 *(2) The term “covered individual” means a*
11 *former member of the Armed Forces or a former civil-*
12 *ian employee of the Department of Defense.*

13 *(3) The term “intelligence community” has the*
14 *meaning given that term in section 3 of the National*
15 *Security Act of 1947 (50 U.S.C. 3003).*

16 **SEC. 1043. SUBMISSION OF NATIONAL DEFENSE STRATEGY**
17 **IN UNCLASSIFIED FORM.**

18 *Section 113(g)(1)(D) of title 10, United States Code,*
19 *is amended by striking “in classified form with an unclassi-*
20 *fied summary.” and inserting “in unclassified form, but*
21 *may include a classified annex.”.*

1 **SEC. 1044. COMMON ACCESS CARDS FOR DEPARTMENT OF**
2 **DEFENSE FACILITIES FOR CERTAIN CON-**
3 **GRESSIONAL STAFF.**

4 (a) *IN GENERAL.*—*The Secretary of Defense shall de-*
5 *velop processes and procedures under which the Secretary*
6 *shall issue common access cards to staff of the congressional*
7 *defense committees who need such access to facilitate the*
8 *performance of required congressional oversight activities.*
9 *Such common access cards shall provide such staff with ac-*
10 *cess to all Department of Defense installations and facili-*
11 *ties.*

12 (b) *IMPLEMENTATION.*—*The Secretary shall imple-*
13 *ment the processes and procedures developed under sub-*
14 *section (a) by not later than 180 days after the date of the*
15 *enactment of this Act.*

16 (c) *INTERIM BRIEFING.*—*Not later than 90 days after*
17 *the date of the enactment of the Act, the Secretary of Defense*
18 *shall provide to the congressional defense committees an in-*
19 *terim briefing on the status of the processes and procedures*
20 *required to be developed under subsection (a).*

21 **SEC. 1045. INTRODUCTION OF ENTITIES IN TRANSACTIONS**
22 **CRITICAL TO NATIONAL SECURITY.**

23 (a) *IN GENERAL.*—*The Secretary of Defense may fa-*
24 *cilitate the introduction of entities for the purpose of dis-*
25 *cussing a covered transaction that the Secretary has deter-*

1 *mined is in the national security interests of the United*
2 *States.*

3 (b) *COVERED TRANSACTION DEFINED.—The term*
4 *“covered transaction” means a transaction that the Sec-*
5 *retary has reason to believe would likely involve an entity*
6 *affiliated with a strategic competitor unless an alternative*
7 *transaction were to occur.*

8 **SEC. 1046. REPOSITORY OF LOCAL NATIONALS WORKING**
9 **FOR OR ON BEHALF OF FEDERAL GOVERN-**
10 **MENT IN THEATER OF COMBAT OPERATIONS.**

11 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
12 *that—*

13 (1) *there are well documented administrative*
14 *issues with current and former Special Immigrant*
15 *Visa programs that significantly increase the applica-*
16 *tion timeline and impact applicants seeking to verify*
17 *their eligibly for these programs;*

18 (2) *administrative issues such a verification of*
19 *employment, characterization of service, personnel*
20 *data, and biographical data needed for employment*
21 *by a local national employee but not centrally main-*
22 *tained should not be a barrier for an applicant who*
23 *has put themselves or their family at risk by pro-*
24 *viding faithful and valuable service in support the*
25 *United States Government;*

1 (3) upon studying existing databases within the
2 federal government, none meet the requirement that
3 would provide a centralized database that all federal
4 departments and agencies could utilize to ensure that
5 in the future, eligible applicants do not have applica-
6 tions delayed or denied due to missing administrative
7 data;

8 (4) the creation of such a database, exercising
9 current privacy data control policies, would stream-
10 line the application process and provide independent
11 and centralized verification that an applicant is in-
12 deed eligible for the program; and

13 (5) Special Immigrant Visa programs are con-
14 sistent with our national values, and therefore, it is
15 an obligation to make sure the accurate data nec-
16 essary to verify and complete these applications expe-
17 ditiously is available when needed.

18 (b) DATABASE.—Not later than one year after the date
19 of enactment of this Act, the Secretary of Defense, in coordi-
20 nation with the Secretary of State, shall establish and
21 maintain a database listing all foreign nationals working
22 for the United States Government or any contractor or sub-
23 contractor (at any tier) of the Department of Defense, the
24 Department of State, or any other agency or instrumen-
25 tality of the Executive branch in a theater of combat oper-

1 *ations. This section and the requirements of this section*
2 *shall be carried out consistent with the Privacy Act of 1974.*

3 *(c) REQUIREMENTS.—The database established under*
4 *subsection (b) shall be electronic and searchable, and shall*
5 *include, with respect to each foreign national so listed, the*
6 *following:*

7 *(1) Full name and date of birth.*

8 *(2) Contact information.*

9 *(3) Local national or State ID Number.*

10 *(4) Passport number, if applicable.*

11 *(5) Job location.*

12 *(6) The component of Government or contractor*
13 *contact information.*

14 *(7) Start and end dates, total length of service,*
15 *and whether the foreign national has met the length*
16 *of service requirement for the Special Immigrant Visa*
17 *program in that country, if applicable.*

18 *(8) A thorough description of work duties and*
19 *the location where duties were performed.*

20 *(9) Any other information the Secretary of De-*
21 *fense or Secretary of State deems appropriate.*

22 *(d) NOTIFICATION.—The Secretary of Defense, Sec-*
23 *retary of State, the head of any other agency or instrumen-*
24 *tality of the Executive branch, and each contractor or sub-*
25 *contractor (at any tier) of the Department of Defense, the*

1 *Department of State, or such other agency or instrumen-*
2 *tality, shall provide to any foreign national employee in*
3 *the database established under subsection (b), at the end of*
4 *each year of employment with the Government, contractor,*
5 *or subcontractor (at any tier) (as the case may be) and on*
6 *the date such employment terminates, a written certifi-*
7 *cation regarding such employee's total length of service.*

8 **SEC. 1047. TRANSFERS AND PAY OF NONAPPROPRIATED**
9 **FUND EMPLOYEES.**

10 (a) *IN GENERAL.*—*Not later than 180 days after the*
11 *date of enactment of this Act, the Secretary of Defense shall*
12 *update policies and procedures, as needed, to expedite the*
13 *process for interservice transfers of nonappropriated fund*
14 *employees. The Secretary shall provide an update to the ap-*
15 *propriate committees on the completion of such updates.*

16 (b) *REPORT.*—*Not later than 2 years after the date*
17 *of enactment of this Act, the Secretary shall submit a report*
18 *to the congressional defense committees on the following:*

19 (1) *The impact of the change on the processing*
20 *time for transfers of nonappropriated fund em-*
21 *ployees between nonappropriated fund*
22 *instrumentaliteis in different military services.*

23 (2) *The impact of the changes on the processing*
24 *time for reinstatement of nonappropriated fund em-*
25 *ployees to a nonappropriated fund instrumentality in*

1 *a military service that is different from the military*
2 *service where the individual was previously employed*
3 *by a nonappropriated fund instrumentality.*

4 (3) *The impact of the changes on recruitment*
5 *and retention of nonappropriated fund employees in*
6 *general and specifically for nonappropriated fund*
7 *employees of military child development centers.*

8 **SEC. 1048. ESTABLISHMENT OF JOINT TRAINING PIPELINE**
9 **BETWEEN UNITED STATES NAVY AND ROYAL**
10 **AUSTRALIAN NAVY.**

11 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
12 *that—*

13 (1) *the AUKUS partnership between Australia,*
14 *the United Kingdom, and the United States presents*
15 *a significant opportunity to enhance security coopera-*
16 *tion in the Indo-Pacific region;*

17 (2) *parties to the AUKUS partnership should*
18 *work expeditiously to implement a strategic roadmap*
19 *to successfully deliver capabilities outlined in the*
20 *agreement;*

21 (3) *the United States should engage with indus-*
22 *try partners to develop a comprehensive under-*
23 *standing of the requirements needed to increase ca-*
24 *capacity and capability;*

1 (4) *Australia should continue to expand its in-*
2 *dustrial base to support production and delivery of*
3 *future capabilities;*

4 (5) *the delivery of a nuclear-powered submarine*
5 *to the Government of Australia would require the ap-*
6 *propriate training and development of future com-*
7 *manding officers to operate such submarines for the*
8 *Royal Australian Navy; and*

9 (6) *in order to uphold the stewardship of the*
10 *Naval Nuclear Propulsion Program, the Secretary of*
11 *Defense should work to coordinate an exchange pro-*
12 *gram to integrate and train Australian sailors for the*
13 *operation and maintenance of nuclear-powered sub-*
14 *marines.*

15 (b) *EXCHANGE PROGRAM.*—*The Secretary of Defense,*
16 *in consultation with the Secretary of Energy, shall carry*
17 *out an exchange program for Australian submarine officers*
18 *during 2023 and each subsequent year. Under the program,*
19 *each year, a minimum of two Australian submarine officers*
20 *shall be selected to participate in the program. Each such*
21 *participant shall—*

22 (1) *receive training in the Navy Nuclear Propul-*
23 *sion School;*

1 (2) *following such training and by not later than*
 2 *July 1 of the year of participation, enroll in the Sub-*
 3 *marine Office Basic Course; and*

4 (3) *following completion of such course, be as-*
 5 *signed to duty on an operational United States sub-*
 6 *marine at sea.*

7 (c) *REPORT.*—*Not later than 180 days after the date*
 8 *of the enactment of this Act, the Secretary of Defense shall*
 9 *submit to the congressional defense committees a report on*
 10 *a notional exchange program for Australian submarine offi-*
 11 *cers that includes initial, follow-on, and recurring training*
 12 *that could be provided to Australian submarine officers in*
 13 *order prepare such officers for command of nuclear-powered*
 14 *Australian submarines.*

15 **SEC. 1049. INSPECTOR GENERAL OVERSIGHT OF DEPART-**
 16 **MENT OF DEFENSE ACTIVITIES IN RESPONSE**
 17 **TO RUSSIA’S FURTHER INVASION OF**
 18 **UKRAINE.**

19 *The Inspector General of the Department of Defense*
 20 *Inspector General shall carry out comprehensive oversight*
 21 *and conduct reviews, audits, investigations, and inspections*
 22 *of the activities conducted by the Department of Defense in*
 23 *response to Russia’s further invasion of Ukraine, initiated*
 24 *on February 24, 2022, including military assistance pro-*
 25 *vided to Ukraine by the Department of Defense.*

1 **SEC. 1050. CONSULTATION OF CONGRESSIONAL DEFENSE**
2 **COMMITTEES IN PREPARATION OF NATIONAL**
3 **DEFENSE STRATEGY.**

4 *Section 113(g)(1) of title 10, United States Code, is*
5 *amended—*

6 *(1) by redesignating subparagraphs (D) through*
7 *(F) as subparagraphs (E) through (G), respectively;*
8 *and*

9 *(2) by inserting after subparagraph (C) the fol-*
10 *lowing new subparagraph (D):*

11 *“(D) In addressing the matters referred to in subpara-*
12 *graph (B)(i) and (ii), the Secretary may seek the advice*
13 *and views of the congressional defense committees, through*
14 *the Chair and Ranking Members of the congressional de-*
15 *fense committees. The congressional defense committees,*
16 *through the Chair and Ranking Member of the congres-*
17 *sional defense committees, may submit their advice and*
18 *views to the Secretary in writing. Any such written views*
19 *shall be published as an annex to the national defense strat-*
20 *egy.”.*

21 ***Subtitle F—Studies and Reports***

22 **SEC. 1061. BRIEFING ON GLOBAL FORCE MANAGEMENT AL-**
23 **LOCATION PLAN.**

24 *Section 1074(c) of the National Defense Authorization*
25 *Act for Fiscal Year 2022 (Public Law 117–81) is amended*
26 *by adding at the end the following new paragraph:*

1 “(4) For each major modification to global force
2 allocation made during the preceding fiscal year that
3 deviated from the Global Force Management Alloca-
4 tion Plan for that fiscal year—

5 “(A) an analysis of the costs of such modi-
6 fication;

7 “(B) an assessment of the risks associated
8 with such modification, including strategic risks,
9 operational risks, and risks to readiness; and

10 “(C) a description of any strategic trade-
11 offs associated with such modification.”.

12 **SEC. 1062. EXTENSION AND MODIFICATION OF REPORTING**
13 **REQUIREMENT REGARDING ENHANCEMENT**
14 **OF INFORMATION SHARING AND COORDINA-**
15 **TION OF MILITARY TRAINING BETWEEN DE-**
16 **PARTMENT OF HOMELAND SECURITY AND DE-**
17 **PARTMENT OF DEFENSE.**

18 Section 1014 of the National Defense Authorization
19 Act for Fiscal Year 2017 (Public Law 114–328) is amend-
20 ed—

21 (1) in subsection (d)—

22 (A) in paragraph (1)(B)(iv), by adding at
23 the end the following new subclauses:

1 “(VIII) *The methodology used for*
2 *making cost estimates in the evalua-*
3 *tion of a request for assistance.*

4 “(IX) *The extent to which the ful-*
5 *fillment of the request for assistance af-*
6 *fects readiness of the Armed Forces,*
7 *including members of the reserve com-*
8 *ponents.*”; and

9 (B) *in paragraph (3), by striking “Decem-*
10 *ber 31, 2023” and inserting “December 31,*
11 *2024”;* and

12 (2) *by adding at the end the following new sub-*
13 *section:*

14 “(f) *QUARTERLY BRIEFINGS.—Not later than 30 days*
15 *after the last day of each fiscal quarter, the Secretary of*
16 *Defense shall provide to the Committees on Armed Services*
17 *of the Senate and House of Representatives a briefing on*
18 *any assistance provided by the Department of Defense to*
19 *the border security mission of the Department of Homeland*
20 *Security at the international borders of the United States*
21 *during the quarter covered by the briefing. Each such brief-*
22 *ing shall include each of the elements specified in subsection*
23 *(d)(1)(B) for such quarter.*”.

1 **SEC. 1063. CONTINUATION OF REQUIREMENT FOR ANNUAL**
2 **REPORT ON NATIONAL GUARD AND RESERVE**
3 **COMPONENT EQUIPMENT.**

4 (a) *IN GENERAL.*—Section 1080(a) of the National De-
5 fense Authorization Act for Fiscal Year 2016 (Public Law
6 114–92; 129 Stat. 1000; 10 U.S.C. 111 note) does not apply
7 to the report required to be submitted to Congress under
8 section 10541 of title 10, United States Code.

9 (b) *CONFORMING REPEAL.*—Section 1061(c) of the Na-
10 tional Defense Authorization Act for Fiscal Year 2017 (Pub-
11 lic Law 114–328); 130 Stat. 2402; 10 U.S.C. 111 note) is
12 amended by striking paragraph (62).

13 **SEC. 1064. COMBATANT COMMAND RISK ASSESSMENT FOR**
14 **AIRBORNE INTELLIGENCE, SURVEILLANCE,**
15 **AND RECONNAISSANCE.**

16 (a) *IN GENERAL.*—Not later than 60 days after the
17 date on which the Secretary of Defense submits to Congress
18 the materials in support of the budget for any fiscal year,
19 or the date on which any of the military departments other-
20 wise proposes to retire or otherwise divest any airborne in-
21 telligence, surveillance, and reconnaissance capabilities, the
22 Vice Chairman of the Joint Chiefs of Staff, in coordination
23 with the commanders of each of the geographic combatant
24 commands, shall submit to the congressional defense com-
25 mittees a report containing an assessment of the level of
26 operational risk to each such command posed by the pro-

1 *posed retirement or divestment with respect to the capa-*
2 *bility of the command to meet near-, mid-, and far-term*
3 *contingency and steady-state requirements against adver-*
4 *saries in support of the objectives of the national defense*
5 *strategy under section 113(g) of title 10, United States*
6 *Code.*

7 **(b) RISK ASSESSMENT.**—*In assessing levels of oper-*
8 *ational risk for the purposes of subsection (a), the Vice*
9 *Chairman and the commanders of the geographic combat-*
10 *ant commands shall use the military risk matrix of the*
11 *Chairman of the Joint Chiefs of Staff, as described in CJCS*
12 *Instruction 3401.01E, or any successor instruction.*

13 **(c) GEOGRAPHIC COMBATANT COMMAND.**—*In this sec-*
14 *tion, the term “geographic combatant command” means*
15 *any of the following:*

16 (1) *United States European Command.*

17 (2) *United States Indo-Pacific Command.*

18 (3) *United States Africa Command.*

19 (4) *United States Southern Command.*

20 (5) *United States Northern Command.*

21 (6) *United States Central Command.*

22 **(d) TERMINATION.**—*The requirement to submit a re-*
23 *port under this section shall terminate on the date that is*
24 *five years after the date of the enactment of this Act.*

1 **SEC. 1065. REPORTS ON EFFECTS OF STRATEGIC COMPET-**
2 **ITOR NAVAL FACILITIES IN AFRICA.**

3 (a) *INITIAL REPORT.*—

4 (1) *IN GENERAL.*—Not later than May 15, 2023,
5 the Secretary of Defense shall submit to the appro-
6 priate congressional committees a report on the effects
7 on the national security of the United States of cur-
8 rent or planned covered naval facilities in Africa.

9 (2) *ELEMENTS.*—The report required under
10 paragraph (1) shall include the following:

11 (A) *An identification of—*

12 (i) *any location in Africa where a cov-*
13 *ered naval facility has been established; and*

14 (ii) *any location in Africa where a*
15 *covered naval facility is planned for con-*
16 *struction.*

17 (B) *A detailed description of—*

18 (i) *any agreement entered into between*
19 *China or Russia and a country or govern-*
20 *ment in Africa providing for or enabling*
21 *the establishment or operation of a covered*
22 *naval facility in Africa; and*

23 (ii) *any efforts by the Department of*
24 *Defense to change force posture, deploy-*
25 *ments, or other activities in Africa as a re-*

1 *sult of current or planned covered naval fa-*
2 *cilities in Africa.*

3 *(C) An assessment of—*

4 *(i) the effect that each current covered*
5 *naval facility has had on United States in-*
6 *terests, allies, and partners in and around*
7 *Africa;*

8 *(ii) the effect that each planned covered*
9 *naval facility is expected to have on United*
10 *States interests, allies, and partners in and*
11 *around Africa;*

12 *(iii) the policy objectives of China and*
13 *Russia in establishing current and future*
14 *covered naval facilities at the locations*
15 *identified under subparagraph (A); and*

16 *(iv) the specific military capabilities*
17 *supported by each current or planned cov-*
18 *ered naval facility.*

19 *(b) UPDATE TO REPORT.—*

20 *(1) IN GENERAL.—Not later than March 1, 2024,*
21 *the Secretary of Defense shall submit to the appro-*
22 *priate congressional committees a report containing*
23 *an update to the report required under subsection (a).*

24 *(2) ELEMENTS.—The report required under*
25 *paragraph (1) shall include the following:*

1 (A) *An identification of—*

2 (i) *any location in Africa where a cov-*
3 *ered naval facility has been established since*
4 *the date of the submittal of the report under*
5 *subsection (a); and*

6 (ii) *any location in Africa where a*
7 *covered naval facility has been planned for*
8 *construction since such date.*

9 (B) *A detailed description of—*

10 (i) *any agreement entered into between*
11 *China or Russia and country or govern-*
12 *ment in Africa since such date providing*
13 *for or enabling the establishment of a cov-*
14 *ered naval facility in Africa; and*

15 (ii) *any efforts by the Department of*
16 *Defense since such date to change force pos-*
17 *ture, deployments, or other activities in Af-*
18 *rica as a result of current or planned cov-*
19 *ered naval facilities in Africa.*

20 (C) *An updated assessment of—*

21 (i) *the effect that each current covered*
22 *naval facility has had on United States in-*
23 *terests, allies, and partners in and around*
24 *Africa since such date;*

1 (ii) the effect that each planned covered
2 naval facility has had on United States in-
3 terests, allies, and partners in and around
4 Africa since such date;

5 (iii) the policy objectives of China and
6 Russia, including new objectives and
7 changes to objectives, in establishing current
8 and future covered naval facilities at the lo-
9 cations identified in the report required
10 under subsection (a) or in subparagraph
11 (A); and

12 (iv) the specific military capabilities
13 supported by each current or planned cov-
14 ered naval facility at such locations, includ-
15 ing new capabilities and changes to capa-
16 bilities.

17 (D) A detailed description of—

18 (i) the policy of the Department of De-
19 fense surrounding strategic competitor ef-
20 forts to establish and maintain covered
21 naval facilities in Africa; and

22 (ii) any actual or planned actions
23 taken by the Department in response to
24 such efforts and in coordination with global
25 Department priorities, as identified in the

1 *national defense strategy under section*
2 *113(g) of title 10, United States Code.*

3 (c) *FORM.—A report required under subsection (a) or*
4 *(b) shall be submitted in unclassified form without any des-*
5 *ignation relating to dissemination control, but may include*
6 *a classified annex.*

7 (d) *DEFINITIONS.—In this section:*

8 (1) *The term “Africa” means all countries in the*
9 *area of operations of United States Africa Command*
10 *and Egypt.*

11 (2) *The term “appropriate congressional com-*
12 *mittees” means—*

13 (A) *the Committee on Armed Services, the*
14 *Committee on Foreign Affairs, and the Perma-*
15 *nent Select Committee on Intelligence of the*
16 *House of Representatives; and*

17 (B) *the Committee on Armed Services, the*
18 *Committee on Foreign Relations, and the Select*
19 *Committee on Intelligence of the Senate.*

20 (3) *The term “covered naval facility” means a*
21 *naval facility owned, operated, or otherwise controlled*
22 *by the People’s Republic of China or the Russian Fed-*
23 *eration.*

24 (4) *The term “naval facility” means a naval*
25 *base, civilian sea port with dual military uses, or*

1 *other facility intended for the use of warships or other*
2 *naval vessels for refueling, refitting, resupply, force*
3 *projection, or other military purposes.*

4 **SEC. 1066. ANNUAL REPORTS ON SAFETY UPGRADES TO**
5 **THE HIGH MOBILITY MULTIPURPOSE**
6 **WHEELED VEHICLE FLEETS.**

7 (a) *ANNUAL REPORTS.*—*Not later than March 1, 2023,*
8 *and annually thereafter until the date specified in sub-*
9 *section (c), the Secretaries of the Army, Navy, and Air*
10 *Force shall each submit to the Committees on Armed Serv-*
11 *ices of the Senate and House of Representatives a report*
12 *on the installation of safety upgrades to the high mobility*
13 *multipurpose wheeled vehicle fleets under the jurisdiction*
14 *of the Secretary concerned, including anti-lock brakes, elec-*
15 *tronic stability control, and fuel tanks.*

16 (b) *MATTERS FOR INCLUSION.*—*Each report required*
17 *under subsection (a) shall include, for the year covered by*
18 *the report, each of the following:*

19 (1) *The total number of safety upgrades nec-*
20 *essary for the high mobility multipurpose wheeled ve-*
21 *hicle fleets under the jurisdiction of the Secretary con-*
22 *cerned.*

23 (2) *The total cumulative number of such up-*
24 *grades completed prior to the year covered by the re-*
25 *port.*

1 (3) *A description of any such upgrades that were*
2 *planned for the year covered by the report.*

3 (4) *A description of any such upgrades that were*
4 *made during the year covered by the report and, if*
5 *the number of such upgrades was less than the num-*
6 *ber of upgrades planned for such year, an explanation*
7 *of the variance.*

8 (5) *If the total number of necessary upgrades has*
9 *not been made, a description of the upgrades planned*
10 *for each year subsequent to the year covered by the re-*
11 *port.*

12 (c) *TERMINATION.*—*No report shall be required under*
13 *this section after March 1, 2026.*

14 **SEC. 1067. QUARTERLY REPORTS ON OPERATION SPARTAN**
15 **SHIELD.**

16 (a) *IN GENERAL.*—*The Inspector General of the De-*
17 *partment of Defense shall submit to the congressional de-*
18 *fense committees, and make publicly available on an appro-*
19 *priate website of the Department, quarterly reports on Op-*
20 *eration Spartan Shield in a manner consistent with section*
21 *8L of the Inspector General Act of 1978 (5 U.S.C. App.).*

22 (b) *FORM OF REPORTS.*—*Each report required under*
23 *subsection (a) shall be submitted in unclassified form, but*
24 *may contain a classified annex.*

1 (c) *DEADLINE FOR FIRST REPORT.*—*The Inspector*
2 *General shall submit the first quarterly report required*
3 *under subsection (a) by not later than 180 days after the*
4 *date of the enactment of this Act.*

5 **SEC. 1068. CONGRESSIONAL NOTIFICATION OF MILITARY**
6 **INFORMATION SUPPORT OPERATIONS IN THE**
7 **INFORMATION ENVIRONMENT.**

8 (a) *IN GENERAL.*—*Not later than 15 days before the*
9 *Secretary of Defense exercises the authority of the Secretary*
10 *to conduct a new military information support operation*
11 *in the information environment, as affirmed in section*
12 *1631(b) of the National Defense Authorization Act for Fis-*
13 *cal Year 2020 (Public Law 116–92; 10 U.S.C. 397 note),*
14 *the Secretary shall provide to the appropriate congressional*
15 *committees notice in writing of the intent to use such au-*
16 *thority to conduct such operation.*

17 (b) *ELEMENTS.*—*A notification under subsection (a)*
18 *shall include each of the following:*

19 (1) *A description of the type of support to be*
20 *provided in the operation.*

21 (2) *A description of the personnel engaged in*
22 *supporting or facilitating the operation.*

23 (3) *The amount obligated under the authority to*
24 *provide support.*

1 (4) *The expected duration of the operation and*
2 *the desired outcome of the operation.*

3 (c) *ANNUAL REPORT.*—*Not later than 90 days after*
4 *the last day of any fiscal year during which the Secretary*
5 *conducts a military support operation in the information*
6 *environment, the Secretary shall submit to the appropriate*
7 *congressional committees a report on all such operations*
8 *during such fiscal year. Such report shall include each of*
9 *the following for each activity conducted pursuant to such*
10 *an operation:*

11 (1) *The name of the activity.*

12 (2) *A description of the activity.*

13 (3) *The combatant command responsible for the*
14 *activity.*

15 (4) *The desired outcome of the activity.*

16 (5) *The target audience for the activity.*

17 (6) *Any means of dissemination used in the con-*
18 *duct of the activity.*

19 (7) *The cost of conducting the activity.*

20 (8) *An assessment of the effectiveness of the activ-*
21 *ity.*

22 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES.*—*In*
23 *this section, the term “appropriate congressional commit-*
24 *tees” means—*

25 (1) *the congressional defense committees;*

1 (2) *the Permanent Select Committee on Intel-*
2 *ligence and the Committee on Foreign Affairs of the*
3 *House of Representatives; and*

4 (3) *the Select Committee on Intelligence and the*
5 *Committee on Foreign Relations of the Senate.*

6 **SEC. 1069. DEPARTMENT OF DEFENSE DELAYS IN PRO-**
7 **VIDING COMMENTS ON GOVERNMENT AC-**
8 **COUNTABILITY OFFICE REPORTS.**

9 (a) *REPORTS REQUIRED.*—*Not later than 180 days*
10 *after the date of the enactment of this Act, and once every*
11 *180 days thereafter until the date that is 2 years after the*
12 *date of the enactment of this Act, the Comptroller General*
13 *of the United States shall submit to the congressional de-*
14 *fense committees a report on the extent to which the Depart-*
15 *ment of Defense provided comments and sensitivity and se-*
16 *curity reviews (for drafts tentatively identified as con-*
17 *taining controlled unclassified information or classified in-*
18 *formation) in a timely manner and in accordance with the*
19 *protocols of the Government Accountability Office during*
20 *the 180-day period preceding the date of the submittal of*
21 *the report.*

22 (b) *REQUIREMENTS FOR GAO REPORT.*—*Each report*
23 *under subsection (a) shall include the following information*
24 *for the period covered by the report:*

1 (1) *The number of draft Government Account-*
2 *ability Office reports for which the Government Ac-*
3 *countability Office requested comments from the De-*
4 *partment of Defense, including an identification of*
5 *the reports for which a sensitivity or security review*
6 *was requested (separated by reports potentially con-*
7 *taining only controlled unclassified information and*
8 *reports potentially containing classified information)*
9 *and the reports for which such a review was not re-*
10 *quested.*

11 (2) *The median and average number of days be-*
12 *tween the date of the request for Department of De-*
13 *fense comments and the receipt of such comments.*

14 (3) *The average number of days between the date*
15 *of the request for a Department of Defense sensitivity*
16 *or security review and the receipt of the results of*
17 *such review.*

18 (4) *In the case of any such draft report for which*
19 *the Department of Defense failed to provide such com-*
20 *ments or review within 30 days of the request for such*
21 *comments or review—*

22 (A) *the number of days between the date of*
23 *the request and the receipt of such comments or*
24 *review; and*

1 (B) a unique identifier, for purposes of
2 identifying the draft report.

3 (5) In the case of any such draft report for which
4 the Government Accountability Office provided an ex-
5 tension to the Department of Defense—

6 (A) whether the Department provided the
7 comments or review within the time period of the
8 extension; and

9 (B) a unique identifier, for purposes of
10 identifying the draft report.

11 (6) Any other information the Comptroller Gen-
12 eral determines appropriate.

13 (c) *DOD RESPONSES.*—Not later than 30 days after
14 the Comptroller General submits a report under subsection
15 (a), the Secretary of Defense shall submit to the congres-
16 sional defense committees a response to such report that in-
17 cludes each of the following:

18 (1) An identification of factors that contributed
19 to any delays identified in the report with respect to
20 Department of Defense comments and sensitivity or
21 security reviews requested by the Government Ac-
22 countability Office.

23 (2) A description of any actions the Department
24 of Defense has taken or plans to take to address such
25 factors.

1 (3) *A description of any improvements the De-*
2 *partment has made in the ability to track timeliness*
3 *in providing such comments and sensitivity or secu-*
4 *rity reviews.*

5 (4) *Any other information the Secretary deter-*
6 *mines relevant to the information contained in the re-*
7 *port submitted by the Comptroller General.*

8 **SEC. 1070. REPORTS ON HOSTILITIES INVOLVING UNITED**
9 **STATES ARMED FORCES.**

10 (a) *IN GENERAL.*—*Not later than 48 hours after any*
11 *incident in which the United States Armed Forces are in-*
12 *involved in an attack or hostilities, whether in an offensive*
13 *or defensive capacity, the President shall transmit to the*
14 *congressional defense committees, the Committee on Foreign*
15 *Relations of the Senate, and the Committee on Foreign Af-*
16 *airs of the House of Representatives a report on the inci-*
17 *dent, unless the President—*

18 (1) *otherwise reports the incident within 48*
19 *hours pursuant to section 4 of the War Powers Reso-*
20 *lution (50 U.S.C. 1543); or*

21 (2) *has determined prior to the incident, and so*
22 *reported pursuant to section 1264 of the National De-*
23 *fense Authorization Act for Fiscal Year 2018 (50*
24 *U.S.C. 1549), that the United States Armed Forces*
25 *involved in the incident would be operating under*

1 *specific statutory authorization within the meaning of*
2 *section 5(b) of the War Powers Resolution (50 U.S.C.*
3 *1544(b)).*

4 **(b) MATTERS TO BE INCLUDED.**—*Each report re-*
5 *quired by subsection (a) shall include—*

6 (1) *the statutory and operational authorities*
7 *under which the United States Armed Forces were op-*
8 *erating when the incident occurred, including any*
9 *relevant executive orders and an identification of the*
10 *operational activities authorized under any such exec-*
11 *utive orders;*

12 (2) *the date, location, and duration of the inci-*
13 *dent and the other parties involved;*

14 (3) *a description of the United States Armed*
15 *Forces involved in the incident and the mission of*
16 *such Armed Forces;*

17 (4) *the numbers of any combatant casualties and*
18 *civilian casualties that occurred as a result of the in-*
19 *cident; and*

20 (5) *any other information the President deter-*
21 *mines appropriate.*

22 **(c) FORM.**—*Each report required by subsection (a)*
23 *shall be submitted in unclassified form, but may include*
24 *a classified annex.*

1 **SEC. 1071. ANNUAL REPORT ON CIVILIAN CASUALTIES IN**
2 **CONNECTION WITH UNITED STATES MILI-**
3 **TARY OPERATIONS.**

4 *Section 1057(b) of the National Defense Authorization*
5 *Act for Fiscal Year 2018 (Public Law 115–91) is amend-*
6 *ed—*

7 *(1) in paragraph (1), by striking “that were con-*
8 *firmed, or reasonably suspected, to have resulted in*
9 *civilian casualties” and inserting “that resulted in ci-*
10 *vilian casualties that have been confirmed or are rea-*
11 *sonably suspected to have occurred”;*

12 *(2) in paragraph (2)—*

13 *(A) in subparagraph (B), by inserting “,*
14 *including, to the extent practicable, geographic*
15 *coordinates of any strike resulting in civilian*
16 *casualties occurring as a result of the conduct of*
17 *the operation.” after “location”;*

18 *(B) in subparagraph (D), by inserting be-*
19 *fore the period the following: “, including the*
20 *justification for each strike conducted as part of*
21 *the operation”;*

22 *(C) in subparagraph (E), by inserting be-*
23 *fore the period at the end the following: “, formu-*
24 *lated as a range, if necessary, and including, to*
25 *the extent practicable, information regarding the*

1 *number of men, women, and children involved*”;
2 *and*

3 *(D) by adding at the end the following new*
4 *subparagraphs:*

5 *“(F) For each strike carried out as part of*
6 *the operation, an assessment of the destruction of*
7 *civilian property.*

8 *“(G) A summary of the determination of*
9 *each completed civilian casualty assessment or*
10 *investigation.*

11 *“(H) For each investigation into an inci-*
12 *dent that resulted in civilian casualties—*

13 *“(i) whether the Department conducted*
14 *any witness interviews or site visits oc-*
15 *curred, and if not, an explanation of why*
16 *not; and*

17 *“(ii) whether information pertaining*
18 *to the incident that was collected by one or*
19 *more non-governmental entities was consid-*
20 *ered, if such information exists.”; and*

21 *(3) by striking paragraph (4) and inserting the*
22 *following new paragraph (4):*

23 *“(4) A description of any new or updated civil-*
24 *ian harm policies and procedures implemented by the*
25 *Department of Defense.”.*

1 **SEC. 1072. JUSTIFICATION FOR TRANSFER OR ELIMINATION**
2 **OF FLYING MISSIONS.**

3 (a) *IN GENERAL.*—Prior to the relocation or elimi-
4 nation of any flying mission, either with respect to an ac-
5 tive or reserve component of a covered Armed Force, the
6 Secretary of Defense shall submit to the congressional de-
7 fense committees a report describing the justification of the
8 Secretary for the decision to relocate or eliminate such mis-
9 sion. Such report shall include each of the following:

10 (1) *A description of how the decision supports*
11 *the national defense strategy, the national military*
12 *strategy, the North American Aerospace Defense Com-*
13 *mand strategy, and other relevant strategies.*

14 (2) *A specific analysis and metrics supporting*
15 *such decision.*

16 (3) *An analysis and metrics to show that the*
17 *elimination or relocation of the flying mission would*
18 *not negatively affect the homeland defense mission.*

19 (4) *A plan for how the Department of Defense*
20 *intends to fulfill or continue the mission requirements*
21 *of the eliminated or relocated flying mission.*

22 (5) *An assessment of the effect of the elimination*
23 *or relocation on the national defense strategy, the na-*
24 *tional military strategy, the North American Aero-*
25 *space Defense Command strategy, and the homeland*
26 *defense mission.*

1 (6) *An analysis and metrics to show that the*
 2 *elimination or relocation of the flying mission and its*
 3 *secondary and tertiary impacts would not degrade ca-*
 4 *capabilities and readiness of the Joint Force.*

5 (7) *An analysis and metrics to show that the*
 6 *elimination or relocation of the flying mission would*
 7 *not negatively affect the national military airspace*
 8 *system.*

9 (b) *COVERED ARMED FORCE.—In this section, the*
 10 *term “covered Armed Force” means—*

11 (1) *The Army.*

12 (2) *The Navy.*

13 (3) *The Air Force.*

14 **SEC. 1073. EQUIPMENT OF ARMY RESERVE COMPONENTS:**
 15 **ANNUAL REPORT TO CONGRESS.**

16 *Section 10541(b)(10) of title 10, United States Code,*
 17 *is amended—*

18 (1) *in subparagraph (E), by striking “and”;*

19 (2) *by redesignating subparagraph (F) as sub-*
 20 *paragraph (G); and*

21 (3) *by inserting, after subparagraph (E), the fol-*
 22 *lowing new subparagraph (F):*

23 *“(F) MQ-1C Gray Eagle Extended Range;*
 24 *and”.*

1 **SEC. 1074. PUBLIC AVAILABILITY OF REPORTS.**

2 (a) *REQUIREMENTS FOR WITHHOLDING CERTAIN RE-*
3 *PORTS.*—Section 122a(b)(2)(D) of title 10, United States
4 *Code, is amended—*

5 (1) *by striking the period at the end and insert-*
6 *ing “, if the Secretary—”;*

7 (2) *by adding at the end the following new*
8 *clauses:*

9 “(A) *gives public notice that the report will*
10 *be withheld pursuant to such determination; and*

11 “(B) *submits to the congressional defense*
12 *committees the reason for the determination that*
13 *the information should not be made available to*
14 *the public.”.*

15 (b) *REPORT TO CONGRESS.*—Not later than 180 days
16 *after the date of the enactment of this Act, the Secretary*
17 *of Defense shall submit to the congressional defense commit-*
18 *tees, and make publicly available on an appropriate website*
19 *of the Department of Defense, a report on the implementa-*
20 *tion of section 122a of title 10, United States Code, as*
21 *amended by subsection (a). Such report shall address—*

22 (1) *the procedures under which members of the*
23 *public may request a covered report under subsection*
24 *(a)(2) of such section 122a; and*

25 (2) *the procedures and criteria under which the*
26 *Secretary determines that a report that would other-*

1 *wise be a covered report should not be made publicly*
2 *available pursuant to subsection (b)(2)(D) of such sec-*
3 *tion, as amended by subsection (a).*

4 **SEC. 1075. QUARTERLY REPORTS ON EXPENDITURES FOR**
5 **PLANNING AND DESIGN OF INFRASTRUC-**
6 **TURE TO SUPPORT PERMANENT UNITED**
7 **STATES FORCE PRESENCE ON EUROPE'S**
8 **EASTERN FLANK.**

9 *(a) IN GENERAL.—The Commander of United States*
10 *European Command shall submit to the congressional de-*
11 *fense committees quarterly reports on the use of the funds*
12 *described in subsection (c) until the date on which all such*
13 *funds are expended.*

14 *(b) CONTENTS.—Each report required under sub-*
15 *section (a) shall include an expenditure plan for the estab-*
16 *lishment of infrastructure to support permanent United*
17 *States force presence in the covered region.*

18 *(c) FUNDS DESCRIBED.—The funds described in this*
19 *subsection are the amounts authorized to be appropriated*
20 *or otherwise made available for fiscal year 2023 for—*

21 *(1) Operation and Maintenance, Air Force, for*
22 *Advanced Planning for Infrastructure to Support*
23 *Presence on NATO's Eastern Flank;*

1 (2) *Operation and Maintenance, Army, for Ad-*
2 *vanced Planning for Infrastructure to Support Pres-*
3 *ence on NATO’s Eastern Flank; and*

4 (3) *Military Construction, Defense-wide, Plan-*
5 *ning & Design: EUCOM–Infrastructure to Support*
6 *Presence on NATO’s Eastern Flank.*

7 (d) *COVERED REGION.—In this section, the term “cov-*
8 *ered region” means Romania, Poland, Lithuania, Latvia,*
9 *Estonia, Hungary, Bulgaria, and Slovakia.*

10 **SEC. 1076. STUDY ON MILITARY TRAINING ROUTES AND**

11 **SPECIAL USE AIR SPACE NEAR WIND TUR-**

12 **BINES.**

13 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
14 *that—*

15 (1) *renewable energy development is expanding*
16 *rapidly as the United States continues to invest in*
17 *diversifying its energy portfolio;*

18 (2) *this expansion has to be carefully considered*
19 *in its potential impacts to low-level military training*
20 *routes and special use airspace of the Department of*
21 *Defense;*

22 (3) *it is imperative that the United States pre-*
23 *serves access to national airspace for military test*
24 *and training and activities to ensure military readi-*
25 *ness while facilitating deployment of renewable energy*

1 *projects, such as wind turbines, that enhance national*
2 *and economic security in ways that are compatible*
3 *with military airspace needs; and*

4 *(4) the rapid proliferation of wind turbines*
5 *around the world may require the Armed Forces to*
6 *develop tactics, training, and procedures for oper-*
7 *ations in the vicinity of wind turbines in order to ex-*
8 *loit potential adversaries' turbines for tactical ad-*
9 *vantage.*

10 *(b) STUDY AND REPORT.—*

11 *(1) IN GENERAL.—The Secretary of Defense shall*
12 *seek to enter into an agreement with a federally fund-*
13 *ed research and development center to conduct a*
14 *study to identify low-level military training routes*
15 *and special use airspace that may be used by the De-*
16 *partment of Defense to conduct realistic training over*
17 *and near wind turbines.*

18 *(2) ELEMENTS.—As part of the study under*
19 *paragraph (1), the federally funded research and de-*
20 *velopment center that conducts the study shall—*

21 *(A) identify and define the requirements for*
22 *military airspace that may be used for the train-*
23 *ing described in paragraph (1), taking into con-*
24 *sideration—*

1 (i) the operational and training needs
2 of the Armed Forces; and

3 (ii) the threat environments of adver-
4 saries of the United States, including the
5 People's Republic of China;

6 (B) identify possibilities for combining live,
7 virtual, and constructive flight training near
8 wind projects, both onshore and offshore;

9 (C) describe the airspace inventory required
10 for low-level training proficiency given current
11 and projected force structures;

12 (D) provide recommendations for rede-
13 signing and properly sizing special use air space
14 and military training routes to combine live and
15 synthetic training in a realistic environment;

16 (E) describe ongoing research and develop-
17 ment programs being utilized to mitigate im-
18 pacts of wind turbines on low-level training
19 routes; and

20 (F) identify current training routes im-
21 pacted by wind turbines, any previous training
22 routes that are no longer in use because of wind
23 turbines, and any training routes projected to be
24 lost due to wind turbines.

1 (3) *COORDINATION.*—*In carrying out paragraph*
2 *(1), the Secretary of Defense shall coordinate with—*

3 *(A) the Under Secretary of Defense for Per-*
4 *sonnel and Readiness;*

5 *(B) the Department of Defense Policy Board*
6 *on Federal Aviation; and*

7 *(C) the Federal Aviation Administration.*

8 (4) *SUBMITTAL TO DOD.*—

9 *(A) IN GENERAL.*—*Not later than one year*
10 *after the date of the enactment of this Act, the*
11 *federally funded research and development center*
12 *that conducts the study under paragraph (1)*
13 *shall submit to the Secretary of Defense a report*
14 *on the results of the study.*

15 *(B) FORM.*—*The report under paragraph*
16 *(1) shall be submitted in unclassified form but*
17 *may include a classified annex.*

18 (5) *SUBMITTAL TO CONGRESS.*—*Not later than*
19 *60 days after the date on which the Secretary of De-*
20 *fense receives the report under paragraph (4), the Sec-*
21 *retary shall submit to the appropriate congressional*
22 *committees an unaltered copy of the report together*
23 *with any comments the Secretary may have with re-*
24 *spect to the report.*

25 (c) *DEFINITIONS.*—*In this section:*

1 (1) *The term “appropriate congressional com-*
2 *mittees” means the following:*

3 (A) *The congressional defense committees.*

4 (B) *The Committee on Transportation and*
5 *Infrastructure of the House of Representatives.*

6 (C) *The Committee on Commerce, Science,*
7 *and Transportation of the Senate.*

8 (2) *The term “impacted by wind turbines”*
9 *means a situation in which the presence of wind tur-*
10 *bines in the area of a low-level military training*
11 *route or special use airspace—*

12 (A) *prompted the Department of Defense to*
13 *alter a testing and training mission or to reduce*
14 *previously planned training activities; or*

15 (B) *prevented the Department from meeting*
16 *testing and training requirements.*

17 **SEC. 1077. STUDY ON JOINT TASK FORCE INDO-PACIFIC.**

18 (a) *IN GENERAL.—Not later than 180 days after the*
19 *date of the enactment of this Act, the Commander of United*
20 *States Indo-Pacific Command shall submit to the congres-*
21 *sional defense committees a report on the results of a study*
22 *conducted by the Commander on the desirability and feasi-*
23 *bility of establishing any of the following for the Indo-Pa-*
24 *cific region:*

25 (1) *A Joint Task Force.*

1 (2) *A sub-unified command.*

2 (3) *Another organizational structure to assume*
3 *command and control responsibility for contingency*
4 *response in the region.*

5 (b) *ELEMENTS.—The study conducted under sub-*
6 *section (a) shall include each of the following:*

7 (1) *An assessment of whether an additional orga-*
8 *nizational structure would better facilitate the plan-*
9 *ning and execution of contingency response in the*
10 *Indo-Pacific region.*

11 (2) *An assessment of existing components and*
12 *sub-unified commands to determine if any such com-*
13 *ponents or commands are best positioned to assume*
14 *the role of such an additional organizational struc-*
15 *ture.*

16 (3) *An assessment of the risks and benefits of*
17 *headquartering such an additional organizational*
18 *structure on Guam (or additional locations if the*
19 *Commander determines appropriate), including a de-*
20 *scription and expected cost of any required command*
21 *and control or associated upgrades.*

22 (4) *An identification of any additional entities*
23 *that could be integrated, on a standing basis, into the*
24 *staff of such an additional organizational structure,*

1 along with associated benefits, risks, and options to
2 mitigate any risks.

3 (5) *An assessment of whether the best option for*
4 *such an additional organizational structure would be*
5 *a Joint Task Force, a sub-unified command, or an-*
6 *other organizational structure, and what the best rela-*
7 *tionship would be with respect to other current or fu-*
8 *ture United States commands and task forces in the*
9 *Indo-Pacific region.*

10 (6) *A description of any additional resources or*
11 *authorizations that would be required to establish*
12 *such an additional organizational structure.*

13 (c) *FORM OF REPORT.*—*The report required under*
14 *subsection (a) shall be submitted in unclassified form, but*
15 *may contain a classified annex.*

16 **SEC. 1078. BIENNIAL DEPARTMENT OF DEFENSE INSPEC-**
17 **TOR GENERAL REPORTING ON RESPONSE TO**
18 **RUSSIAN AGGRESSION AND ASSISTANCE TO**
19 **UKRAINE.**

20 (a) *IN GENERAL.*—*The Inspector General of the De-*
21 *partment of Defense shall provide to the appropriate con-*
22 *gressional committees biannual briefings on the status and*
23 *findings of Inspector General oversight, reviews, audits, and*
24 *inspections of the activities conducted by the Department*
25 *of Defense response to Russia's further invasion of Ukraine,*

1 *initiated on February 24, 2022, including military assist-*
2 *ance provided to Ukraine by the Department of Defense and*
3 *the programs, operations, and contracts carried out with*
4 *such funds, including—*

5 *(1) the oversight and accounting of the obligation*
6 *and expenditure of funds used to assist Ukraine and*
7 *to respond to Russia’s further invasion of Ukraine;*

8 *(2) the monitoring and review of contracts sup-*
9 *ported by such funds;*

10 *(3) the investigation of any relevant overpay-*
11 *ments issues and of legal compliance by Department*
12 *of Defense officials, contractors, and other relevant en-*
13 *tities; and*

14 *(4) the investigation of any end-use monitoring*
15 *issues associated with articles provided to Ukraine.*

16 *(b) TERMINATION.—No briefing shall be required*
17 *under subsection (a) after December 31, 2026.*

18 *(c) APPROPRIATE CONGRESSIONAL COMMITTEES.—In*
19 *this section, the term “appropriate congressional commit-*
20 *tees” means—*

21 *(1) the congressional defense committees;*

22 *(2) the Committee on Oversight and Reform and*
23 *the Committee on Foreign Affairs of the House of*
24 *Representatives; and*

1 (3) *the Committee on Homeland Security and*
2 *Governmental Affairs and the Committee on Foreign*
3 *Relations of the Senate.*

4 **SEC. 1079. REVIEW OF SECURITY ASSISTANCE PROVIDED TO**
5 **ELIE WIESEL COUNTRIES.**

6 (a) *REVIEW REQUIRED.*—*Not later than 30 days after*
7 *the transmission of the first report required after the date*
8 *of the enactment of this Act under section 5 of the Elie*
9 *Wiesel Genocide and Atrocities Prevention Act of 2018*
10 *(Public Law 115–441; 22 U.S.C. 2651 note), the Secretary*
11 *of Defense shall conduct a review of risks related to the De-*
12 *partment of Defense provision of security assistance to*
13 *countries identified in the report as being at high or me-*
14 *dium risk for atrocities. Such review shall include an as-*
15 *essment of risk associated with providing weapons and*
16 *other forms of security cooperation programs and assist-*
17 *ance, including special operations forces programs, to the*
18 *governments of such countries, with respect to atrocities,*
19 *conflict, violence, and other forms of instability.*

20 (b) *CONGRESSIONAL NOTIFICATION OF CERTAIN*
21 *CHANGES.*—*If, as a result of the review required under sub-*
22 *section (a), the Secretary determines that the Department*
23 *of Defense should stop or change the security assistance pro-*
24 *vided to a country, the Secretary shall submit notice of such*
25 *determination to—*

1 (1) *the Committee on Armed Services and the*
2 *Committee on Foreign Affairs of the House of Rep-*
3 *resentatives; and*

4 (2) *the Committee on Armed Services and the*
5 *Committee on Foreign Relations of the Senate.*

6 ***Subtitle G—Other Matters***

7 ***SEC. 1081. TECHNICAL AND CONFORMING AMENDMENTS.***

8 (a) *TITLE 10, UNITED STATES CODE.—Title 10,*
9 *United States Code, is amended as follows:*

10 (1) *The table of chapters at the beginning of sub-*
11 *title A is amended by striking the item relating to the*
12 *second chapter 19 (relating to cyber matters).*

13 (2) *Section 113 is amended—*

14 (A) *in subsection (l)(2)(F), by inserting a*
15 *period after “inclusion in the armed forces”; and*

16 (B) *in subsection (m), by redesignating the*
17 *section paragraph (8) as paragraph (9).*

18 (3) *The section heading for section 2691 is*
19 *amended by striking “state” and inserting*
20 ***“State”***.

21 (4) *Section 3014 is amended by striking “section*
22 *4002(a) or 4003” and inserting “section 4021(a) or*
23 *4023”.*

24 (5) *Section 4423(e) is amended by striking “sec-*
25 *tion 4003” and inserting “section 4023”.*

1 (6) Section 4831(a) is amended by striking “sec-
2 tion 4002” and inserting “section 4022”.

3 (7) Section 4833(c) is amended by striking “sec-
4 tion 4002” and inserting “section 4022”.

5 (b) NDAA FOR FISCAL YEAR 2022.—Effective as of
6 December 27, 2021, and as if included therein as enacted,
7 the National Defense Authorization Act for Fiscal Year
8 2022 (Public Law 117–81) is amended as follows:

9 (1) Section 907(a) is amended by striking “116–
10 283” and inserting “115–232”.

11 (c) NATIONAL DEFENSE AUTHORIZATION ACT FOR
12 FISCAL YEAR 2020.—Effective as of December 27, 2021,
13 and as if included therein as enacted, the National Defense
14 Authorization Act for Fiscal Year 2020 (Public Law 116–
15 92) is amended as follows:

16 (1) Section 905 is amended—

17 (A) in subsection (a)(2), by inserting a pe-
18 riod at the end; and

19 (B) in subsection (d)(1), by striking “sub-
20 paragraph (B)” and inserting “paragraph (2)”.

21 (d) NATIONAL DEFENSE AUTHORIZATION ACT FOR
22 FISCAL YEAR 2014.—Effective as of December 27, 2021,
23 and as if included therein as enacted, the National Defense
24 Authorization Act for Fiscal Year 2022 (Public Law 117–
25 81) is amended as follows:

1 (1) *Section 932(c)(2)(D) of the National Defense*
2 *Authorization Act for Fiscal Year 2014 (Public Law*
3 *113–66; 10 U.S.C. 2224 note) is amended by striking*
4 *“of subsection (c)(3)” and inserting “paragraph (3)”.*

5 (e) *AUTOMATIC EXECUTION OF CONFORMING CHANGES*
6 *TO TABLES OF SECTIONS, TABLES OF CONTENTS, AND*
7 *SIMILAR TABULAR ENTRIES IN DEFENSE LAWS.—*

8 (1) *ELIMINATION OF NEED FOR SEPARATE CON-*
9 *FORMING AMENDMENT.—Chapter 1 of title 10, United*
10 *States Code, is amended by adding at the end the fol-*
11 *lowing new section:*

12 **“§ 102. *Effect of certain amendments on conforming***
13 ***changes to tables of sections, tables of***
14 ***contents, and similar tabular entries***

15 “(a) *AUTOMATIC EXECUTION OF CONFORMING*
16 *CHANGES.—When an amendment to a covered defense law*
17 *adds a section or larger organizational unit to the covered*
18 *defense law, repeals or transfers a section or larger organi-*
19 *zational unit in the covered defense law, or amends the des-*
20 *ignation or heading of a section or larger organizational*
21 *unit in the covered defense law, that amendment also shall*
22 *have the effect of amending any table of sections, table of*
23 *contents, or similar tabular entries in the covered defense*
24 *law to alter the table to conform to the changes made by*
25 *the amendment.*

1 “(b) *EXCEPTIONS.*—Subsection (a) shall not apply to
2 an amendment described in such subsection when—

3 “(1) the amendment or a clerical amendment en-
4 acted at the same time expressly amends a table of
5 sections, table of contents, or similar tabular entries
6 in the covered defense law to alter the table to conform
7 to the changes made by the amendment; or

8 “(2) the amendment otherwise expressly exempts
9 itself from the operation of this section.

10 “(c) *COVERED DEFENSE LAW.*—In this section, the
11 term ‘covered defense law’ means—

12 “(1) this title;

13 “(2) titles 32 and 37;

14 “(3) any national defense authorization Act that
15 authorizes funds to be appropriated for a fiscal year
16 to the Department of Defense; and

17 “(4) any other law designated in the text thereof
18 as a covered defense law for purposes of application
19 of this section.”.

20 (2) *CONFORMING AMENDMENT.*—The heading of
21 chapter 1 of title 10, United States Code, is amended
22 to read as follows:

1 **“CHAPTER 1—DEFINITIONS, RULES OF**
2 **CONSTRUCTION, CROSS REFERENCES,**
3 **AND RELATED MATTERS”.**

4 (3) *APPLICATION OF AMENDMENT.*—Section 102
5 of title 10, United States Code, as added by para-
6 graph (1), shall apply to the amendments made by
7 this section and other amendments made by this Act.

8 (f) *COORDINATION WITH OTHER AMENDMENTS MADE*
9 *BY THIS ACT.*—For purposes of applying amendments
10 made by provisions of this Act other than this section, the
11 amendments made by this section shall be treated as having
12 been enacted immediately before any such amendments by
13 other provisions of this Act.

14 **SEC. 1082. RONALD V. DELLUMS MEMORIAL FELLOWSHIP**
15 **FOR WOMEN OF COLOR IN STEAM.**

16 (a) *ESTABLISHMENT.*—The Secretary of Defense shall
17 establish a fellowship program, which shall be known as the
18 “Ronald V. Dellums Memorial Fellowship for Women of
19 Color in STEAM”, to provide scholarships and internships
20 for eligible students with high potential talent in STEAM.

21 (b) *OBJECTIVES.*—In carrying out the program, the
22 Secretary shall—

23 (1) *consult with institutions of higher education*
24 *and relevant professional associations, nonprofit orga-*

1 nizations, and relevant defense industry representa-
2 tives on the design of the program; and

3 (2) design the program in a manner such that
4 the program—

5 (A) increases awareness of and interest in
6 employment in the Department of Defense
7 among underrepresented students in the STEAM
8 fields, particularly women of color, who are pur-
9 suing a degree in a STEAM field;

10 (B) supports the academic careers of under-
11 represented students, especially women of color,
12 in STEAM fields; and

13 (C) builds a pipeline of women of color with
14 exemplary academic achievements in a STEAM
15 field relevant to national security who can pur-
16 sue careers in national security and in areas of
17 national need.

18 (c) COMPONENTS.—The fellowship program shall con-
19 sist of—

20 (1) a scholarship program under subsection (d);
21 and

22 (2) an internship program under subsection (e).

23 (d) SELECTION.—

24 (1) IN GENERAL.—Each fiscal year, subject to
25 the availability of funds, the Secretary shall seek to

1 *select at least 30 eligible students to participate in the*
2 *fellowship program under this section.*

3 (2) *STUDENTS FROM MINORITY-SERVING INSTI-*
4 *TUTIONS AND HISTORICALLY BLACK COLLEGES AND*
5 *UNIVERSITIES.—The Secretary may not award fewer*
6 *than 50 percent of the fellowships under this section*
7 *to eligible students who attend historically Black col-*
8 *leges and universities and minority-serving institu-*
9 *tions.*

10 (3) *PRIORITY.—In awarding scholarships under*
11 *this section, the Secretary shall give priority to stu-*
12 *dents who are eligible to receive Federal Pell Grants*
13 *under section 401 of the Higher Education Act of*
14 *1965 (20 U.S.C. 1070a).*

15 (4) *SCHOLARSHIP.—*

16 (A) *AWARD.—Each fellow shall receive a*
17 *scholarship for each academic year of the fellow-*
18 *ship program.*

19 (B) *AMOUNT.—The amounts of scholarships*
20 *awarded under this section shall not exceed—*

21 (i) *\$10,000 per student in an academic*
22 *year; and*

23 (ii) *\$40,000 per student in the aggre-*
24 *gate.*

1 (C) *USE OF SCHOLARSHIP FUNDS.*—*A fel-*
2 *low who receives a scholarship may only use the*
3 *scholarship funds to pay for the cost of attend-*
4 *ance at an institution of higher education.*

5 (5) *CONSIDERATION OF UNDERREPRESENTED*
6 *STUDENTS IN STEAM FIELDS.*—*In awarding a fellow-*
7 *ship under this section, the Secretary shall consider—*

8 (A) *the number and distribution of minor-*
9 *ity and female students nationally in science*
10 *and engineering majors;*

11 (B) *the projected need for highly trained in-*
12 *dividuals in all fields of science and engineering;*

13 (C) *the present and projected need for high-*
14 *ly trained individuals in science and engineer-*
15 *ing career fields in which minorities and women*
16 *are underrepresented; and*

17 (D) *the lack of minorities and women in*
18 *national security, especially in science and engi-*
19 *neering fields in which such individuals are tra-*
20 *ditionally underrepresented.*

21 (6) *STUDENT AGREEMENT.*—*As a condition of*
22 *the receipt of a scholarship under this section, a fel-*
23 *low shall agree—*

24 (A) *to maintain standard academic*
25 *progress;*

1 (B) to complete an internship described in
2 subsection (e) in a manner that the Secretary de-
3 termines is satisfactory; and

4 (C) upon completion of the degree that the
5 student pursues while in the fellowship program,
6 to work for the Federal Government or in the
7 field of education in the area of study for which
8 the scholarship or fellowship was awarded, for a
9 period specified by the Secretary, which shall not
10 be longer than the period for which scholarship
11 assistance was provided to such student.

12 (7) *ENFORCEMENT OF AGREEMENT.*—The Sec-
13 retary may enforce the agreement under paragraph
14 (6) as the Secretary determines appropriate.

15 (8) *DIRECT HIRE AUTHORITY.*—Any appoint-
16 ment of a fellow under paragraph (6)(C) to a position
17 in the Federal Government shall be made without re-
18 gard to the provisions of section 3304 and sections
19 3309 through 3318 of title 5, United States Code.

20 (e) *INTERNSHIP.*—

21 (1) *IN GENERAL.*—The Secretary shall establish
22 an internship program that provides each student
23 who is awarded a fellowship under this section with
24 an internship in a an organization or element of the
25 Department of Defense.

1 (2) *REQUIREMENTS.*—*Each internship shall—*

2 (A) *to the extent practicable, last for a pe-*
3 *riod of at least 10 weeks;*

4 (B) *include a stipend for transportation*
5 *and living expenses incurred by the fellow dur-*
6 *ing the fellowship; and*

7 (C) *be completed during the initial 2-year*
8 *period of the fellowship.*

9 (3) *MENTORSHIP.*—*To the extent practicable,*
10 *each fellow shall be paired with a mid-level or a sen-*
11 *ior-level official of the relevant organization or ele-*
12 *ment of the Department of Defense who shall serve as*
13 *a mentor during the internship.*

14 (f) *DURATION AND EXTENSIONS.*—

15 (1) *DURATION.*—*Each fellowship awarded under*
16 *this section shall be for a period of two years.*

17 (2) *EXTENSIONS.*—*Subject to this paragraphs*
18 (3) *through (6), a fellow may apply for, and the Sec-*
19 *retary may grant, a 1-year extension of the fellow-*
20 *ship.*

21 (3) *NUMBER OF EXTENSIONS.*—*There shall be no*
22 *limit on the number of extensions under paragraph*
23 (1) *that the Secretary may grant an eligible student.*

24 (4) *LIMITATION ON DEGREES.*—*A fellow may use*
25 *an extension of a fellowship under this section for the*

1 *pursuit of not more than the following number of*
2 *graduate degrees:*

3 *(A) Two master's degrees, each of which*
4 *must be in a STEAM field.*

5 *(B) One doctoral degree in a STEAM field.*

6 (5) *TREATMENT OF EXTENSIONS.—An extension*
7 *granted under this subsection does not count for the*
8 *purposes of determining—*

9 *(A) the number of fellowships authorized to*
10 *be granted for a year under subsection (d)(1); or*

11 *(B) the percentage of fellowships granted to*
12 *eligible students for a year, as determined under*
13 *subsection (d)(2).*

14 (6) *EXTENSION REQUIREMENTS.—A fellow may*
15 *receive an extension under this subsection only if—*

16 *(A) the fellow is in good academic standing*
17 *with the institution of higher education in which*
18 *the fellow is enrolled;*

19 *(B) the fellow has satisfactorily completed*
20 *an internship under subsection (e); and*

21 *(C) the fellow is currently enrolled full-time*
22 *at an institution of higher education and pur-*
23 *suing, in a STEAM field—*

24 *(i) a bachelor's degree;*

25 *(ii) a master's degree; or*

1 (iii) a doctoral degree.

2 (g) *LIMITATION ON ADMINISTRATIVE COSTS.*—For
3 each academic year, the Secretary may use not more than
4 5 percent of the funds made available to carry out this sec-
5 tion for administrative purposes, including for purposes
6 of—

7 (1) outreach to institutions of higher education
8 to encourage participation in the program; and

9 (2) promotion of the program to eligible students.

10 (h) *ADMINISTRATION OF PROGRAM.*—The Secretary
11 may appoint a lead program officer to administer the pro-
12 gram and to market the program among students and insti-
13 tutions of higher education.

14 (i) *REPORTS.*—Not later than 2 years after the date
15 on which the first fellowship is awarded under this section,
16 and each academic year thereafter, the Secretary of Defense
17 shall submit to the appropriate congressional committees a
18 report containing—

19 (1) a description and analysis of the demo-
20 graphic information of students who receive fellow-
21 ships under this section, including information with
22 respect to such students regarding—

23 (A) race, in the aggregate and disaggregated
24 by the same major race groups as the decennial
25 census of the population;

1 (B) *ethnicity*;

2 (C) *gender identity*;

3 (D) *eligibility to receive a Federal Pell*
4 *Grant under section 401 of the Higher Edu-*
5 *cation Act of 1965 (20 U.S.C. 1070a); and*

6 (E) *in the case of graduate students, wheth-*
7 *er the students would be eligible to receive a Fed-*
8 *eral Pell Grant under section 401 of the Higher*
9 *Education Act of 1965 (20 U.S.C. 1070a) if they*
10 *were studying at the undergraduate level;*

11 (2) *an analysis of the effects of the program;*

12 (3) *a description of—*

13 (A) *the total number of students who obtain*
14 *a degree with fellowship funds each year; and*

15 (B) *the type and total number of degrees ob-*
16 *tained by fellows; and*

17 (4) *recommendations for changes to the program*
18 *and to this section to ensure that women of color are*
19 *being effectively served by such program.*

20 (j) *DEFINITIONS.—In this section:*

21 (1) *The term “appropriate congressional com-*
22 *mittees” means—*

23 (A) *the congressional defense committees;*

24 (B) *the Committee on Help, Education,*
25 *Labor, and Pensions of the Senate; and*

1 (C) *the Committee on Education and Labor*
2 *of the House of Representatives.*

3 (2) *The term “cost of attendance” has the mean-*
4 *ing given that term in section 472 of the Higher Edu-*
5 *cation Act of 1965 (20 U.S.C. 1087II).*

6 (3) *The term “eligible student” means an indi-*
7 *vidual who—*

8 (A) *submits an application for a fellowship*
9 *under this section;*

10 (B) *is enrolled, or will be enrolled for the*
11 *first year for which the student applies for a fel-*
12 *lowship, in either the third or fourth year of a*
13 *four-year academic program; and*

14 (C) *is enrolled, or will be enrolled for the*
15 *first year for which the student applies for a fel-*
16 *lowship, in an institution of higher education on*
17 *at least a half-time basis.*

18 (4) *The term “fellow” means a student that was*
19 *selected for the fellowship program under subsection*
20 *(d).*

21 (5) *The term “historically Black college or uni-*
22 *versity” has the meaning given the term “part B in-*
23 *stitution” in section 322 of the Higher Education Act*
24 *of 1965 (20 U.S.C. 1061).*

1 (6) *The term “institution of higher education”*
 2 *has the meaning given the term in section 101 of the*
 3 *Higher Education Act of 1965 (20 U.S.C. 1001).*

4 (7) *The term “minority-serving institution”*
 5 *means an institution specified in section 371(a) of the*
 6 *Higher Education Act of 1965 (20 U.S.C. 1067q(a)).*

7 (8) *The term “STEAM” means science, tech-*
 8 *nology, engineering, arts, and mathematics.*

9 (9) *The term “underrepresented student in a*
 10 *STEAM field” means a student who is a member of*
 11 *a minority group for which the number of individuals*
 12 *in such group who receive bachelor’s degrees in*
 13 *STEAM fields per 10,000 individuals in such group*
 14 *is substantially fewer than the number of White, non-*
 15 *Hispanic individuals who receive bachelor’s degrees*
 16 *in STEAM fields per 10,000 such individuals.*

17 **SEC. 1083. COMBATING MILITARY RELIANCE ON RUSSIAN**
 18 **ENERGY.**

19 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
 20 *that—*

21 (1) *reliance on Russian energy poses a critical*
 22 *challenge for national security activities in area of re-*
 23 *sponsibility of the United States European Com-*
 24 *mand; and*

1 (2) *in order to reduce the vulnerability of United*
2 *States military facilities to disruptions caused by re-*
3 *liance on Russian energy, the Department of Defense*
4 *should establish and implement plans to reduce reli-*
5 *ance on Russian energy for all main operating bases*
6 *in area of responsibility of the United States Euro-*
7 *pean Command.*

8 (b) *ELIMINATING USE OF RUSSIAN ENERGY.—It shall*
9 *be the goal of the Department of Defense to eliminate the*
10 *use of Russian energy on each main operating base in the*
11 *area of responsibility of the United States European Com-*
12 *mand by not later than five years after the date of the com-*
13 *pletion of an installation energy plan for such base, as re-*
14 *quired under this section.*

15 (c) *INSTALLATION ENERGY PLANS FOR MAIN OPER-*
16 *ATING BASES.—*

17 (1) *IDENTIFICATION OF INSTALLATIONS.—Not*
18 *later than June 1, 2023, the Secretary of Defense*
19 *shall submit to the congressional defense committees a*
20 *list of main operating bases within the area of re-*
21 *sponsibility of the United States European Command*
22 *ranked according to mission criticality and vulner-*
23 *ability to energy disruption.*

24 (2) *SUBMITTAL OF PLANS.—Not later than 12*
25 *months after the date of the enactment of this Act, the*

1 *Secretary of Defense shall submit to the congressional*
2 *defense committees—*

3 *(A) an installation energy plan for each*
4 *main operating base on the list submitted under*
5 *paragraph (1); and*

6 *(B) an assessment of the feasibility of reach-*
7 *ing the goal for the elimination of the use of*
8 *Russian energy pursuant to subsection (b) on*
9 *that base, including—*

10 *(i) a description of the steps that*
11 *would be required to meet such goal; and*

12 *(ii) an analysis of the effects such steps*
13 *would have on the national security of the*
14 *United States.*

15 *(d) CONTENT OF PLANS.—Each installation energy*
16 *plan for a main operating base shall include each of the*
17 *following with respect to that base:*

18 *(1) An assessment of the energy resilience re-*
19 *quirements, resiliency gaps, and energy-related cyber-*
20 *security requirements of the base, including with re-*
21 *spect to operational technology, control systems, and*
22 *facilities-related control systems.*

23 *(2) An identification of investments in tech-*
24 *nology required to improve energy resilience, reduce*

1 demand, strengthen energy conservation, and support
2 mission readiness.

3 (3) *An identification of investments in infra-*
4 *structure, including microgrids, required to strength-*
5 *en energy resilience and mitigate risk due to grid dis-*
6 *turbance.*

7 (4) *Recommendations related to opportunities for*
8 *the use of renewable energy, clean energy, nuclear en-*
9 *ergy, and energy storage projects to reduce dependence*
10 *on natural gas.*

11 (5) *An assessment of how the requirements and*
12 *recommendations included pursuant to paragraphs*
13 *(2) through (4) interact with the energy policies of the*
14 *country where the base is located, both at present and*
15 *into the future.*

16 (e) *IMPLEMENTATION OF PLANS.—*

17 (1) *DEADLINE FOR IMPLEMENTATION.—Not later*
18 *than 30 days after the date on which the Secretary*
19 *submits an installation energy plan for a base under*
20 *subsection (c)(2), the Secretary shall—*

21 (A) *begin implementing the plan; and*

22 (B) *provide to the congressional defense*
23 *committees a briefing on the contents of the plan*
24 *and the strategy of the Secretary for imple-*

1 *menting the mitigation measures identified in*
2 *the plan.*

3 (2) *PRIORITIZATION OF CERTAIN PROJECTS.*—*In*
4 *implementing an installation energy plan for a base*
5 *under this section, the Secretary shall prioritize*
6 *projects requested under section 2914 of title 10,*
7 *United States Code, to mitigate assessed risks and*
8 *improve energy resilience, energy security, and energy*
9 *conservation at the base.*

10 (3) *NONAPPLICATION OF CERTAIN OTHER AU-*
11 *THORITIES.*—*Subsection (d) of section 2914 of title*
12 *10, United States Code, shall not apply with respect*
13 *to any project carried out pursuant to this section or*
14 *pursuant to an installation energy plan for a base*
15 *under this section.*

16 (f) *POLICY FOR FUTURE BASES.*—*The Secretary of*
17 *Defense shall establish a policy to ensure that any new mili-*
18 *tary base in the area of responsibility of the United States*
19 *European Command is established in a manner that*
20 *proactively includes the consideration of energy security,*
21 *energy resilience, and mitigation of risk due to energy dis-*
22 *ruption.*

23 (g) *ANNUAL CONGRESSIONAL BRIEFINGS.*—*The Sec-*
24 *retary of Defense shall provide to the congressional defense*
25 *committees annual briefings on the installation energy*

1 *plans required under this section. Such briefings shall in-*
2 *clude an identification of each of the following:*

3 (1) *The actions each main operating base is tak-*
4 *ing to implement the installation energy plan for that*
5 *base.*

6 (2) *The progress that has been made toward re-*
7 *ducing the reliance of United States bases on Russian*
8 *energy.*

9 (3) *The steps being taken and planned across the*
10 *future-years defense program to meet the goal of*
11 *eliminating reliance on Russian energy.*

12 **SEC. 1084. COMMISSION ON CIVILIAN HARM.**

13 (a) *ESTABLISHMENT.*—*There is hereby established a*
14 *commission, to be known as the “Commission on Civilian*
15 *Harm” (in this section referred to as the “Commission”).*

16 (b) *RESPONSIBILITIES.*—

17 (1) *GENERAL RESPONSIBILITIES.*—*The Commis-*
18 *sion shall carry out a study of the following:*

19 (A) *Civilian harm resulting from, or inci-*
20 *dental to, the use of force by the United States*
21 *Armed Forces that occurred during the period of*
22 *inquiry.*

23 (B) *The policies, procedures, rules, and reg-*
24 *ulations of the Department of Defense for the*
25 *prevention of, mitigation of, and response to ci-*

1 *vilian harm that were in effect during the period*
2 *of inquiry.*

3 (2) *PARTICULAR DUTIES.*—*In carrying out the*
4 *general responsibilities of the Commission under*
5 *paragraph (1), the Commission shall carry out the*
6 *following:*

7 (A) *Conduct an investigation into the*
8 *record of the United States with respect to civil-*
9 *ian harm during the period of inquiry, includ-*
10 *ing by investigating a representative sample of*
11 *incidents of civilian harm that occurred where*
12 *the United States used military force (including*
13 *incidents confirmed by media and civil society*
14 *organizations and dismissed by the Department*
15 *of Defense) by conducting hearings, witness*
16 *interviews, document and evidence review, and*
17 *site visits, when practicable.*

18 (B) *Identify the recurring causes of civilian*
19 *harm, as well as the factors contributing to civil-*
20 *ian harm, resulting from the use of force by*
21 *United States Armed Forces during the period of*
22 *inquiry and assess whether such causes and fac-*
23 *tors could be addressed and, if so, whether they*
24 *were resolved.*

1 (C) *Assess the extent to which the United*
2 *States Armed Forces have implemented the rec-*
3 *ommendations of Congress, the Department of*
4 *Defense, other Government agencies, or civil soci-*
5 *ety organizations, or the recommendations con-*
6 *tained in studies sponsored or commissioned by*
7 *the United States Government, with respect to*
8 *the protection of civilians and efforts to mini-*
9 *mize, investigate, and respond to civilian harm*
10 *resulting from, or incidental to, United States*
11 *military operations.*

12 (D) *Assess the responsiveness of the Depart-*
13 *ment of Defense to incidents of civilian harm*
14 *and the practices for responding to such inci-*
15 *dents, including—*

16 (i) *assessments;*

17 (ii) *investigations;*

18 (iii) *acknowledgment; and*

19 (iv) *the provision of compensation*
20 *payments, including the use of congression-*
21 *ally authorized ex gratia payments, assist-*
22 *ance, and other responses.*

23 (E) *Assess the extent to which the United*
24 *States Armed Forces comply with the rules, pro-*
25 *cedures, policies, memoranda, directives, and*

1 *doctrine of the Department of Defense for pre-*
2 *venting, mitigating, and responding to civilian*
3 *harm.*

4 *(F) Assess the extent to which the policies,*
5 *protocols, procedures, and practices of the De-*
6 *partment of Defense for preventing, mitigating,*
7 *and responding to civilian harm comply with*
8 *applicable international humanitarian law, ap-*
9 *licable international human rights law, and*
10 *United States law, including the Uniform Code*
11 *of Military Justice.*

12 *(G) Assess incidents of civilian harm that*
13 *occurred, or allegedly occurred, during the period*
14 *of inquiry, by—*

15 *(i) determining whether any such inci-*
16 *dents were concealed, and if so by assessing*
17 *the actions taken to conceal;*

18 *(ii) assessing the policies and proce-*
19 *dures for whistle-blowers to report such in-*
20 *cidents;*

21 *(iii) determining the extent of the re-*
22 *sponsiveness and effectiveness of Inspector*
23 *General oversight, as applicable, regarding*
24 *reports of incidents of civilian harm; and*

1 (iv) assessing the accuracy of the
2 United States Government public civilian
3 casualty estimates.

4 (H) Assess the short-, medium-, and long-
5 term consequences of incidents of civilian harm
6 that occurred during the period of inquiry on—

7 (i) the affected communities, including
8 humanitarian consequences;

9 (ii) the strategic interests of the United
10 States; and

11 (iii) the foreign policy goals and objec-
12 tives of the United States.

13 (I) Assess the extent to which the Depart-
14 ment of Defense Instruction on Responding to
15 Civilian Harm in Military Operations, as re-
16 quired by section 936 of the John S. McCain Na-
17 tional Defense Authorization Act for Fiscal Year
18 2019 (Public Law 115–232; 10 U.S.C. 134 note),
19 addresses issues identified during the investiga-
20 tion of the Commission and what further meas-
21 ures are needed to address issues that the Com-
22 mission identifies during its operations.

23 (J) Assess the extent to which United States
24 diplomatic goals and objectives were affected by

1 *the incidents of civilian harm during the period*
2 *of inquiry.*

3 (c) *AUTHORITIES.*—

4 (1) *SECURITY CLEARANCES.*—*The appropriate*
5 *Federal departments or agencies shall cooperate with*
6 *the Commission in expeditiously providing to the*
7 *members and staff of the Commission appropriate se-*
8 *curity clearances, to the extent possible, pursuant to*
9 *existing procedures and requirements. No person shall*
10 *be provided with access to classified information*
11 *under this section without the appropriate security*
12 *clearances.*

13 (2) *HEARINGS AND EVIDENCE.*—*The Commission*
14 *or, on the authority of the Commission, any portion*
15 *thereof, may, for the purpose of carrying out this sec-*
16 *tion—*

17 (A) *hold such hearings and sit and act at*
18 *such times and places, take such testimony, re-*
19 *ceive such evidence, and administer such oaths*
20 *as the Commission, or such portion thereof, may*
21 *determine advisable; and*

22 (B) *provide for the attendance and testi-*
23 *mony of such witnesses and the production of*
24 *such books, records, correspondence, memoranda,*

1 *papers, and documents as the Commission, or*
2 *such portion thereof, may determine advisable.*

3 (3) *INABILITY TO OBTAIN DOCUMENTS OR TESTI-*
4 *MONY.—In the event that the Commission is unable to*
5 *obtain testimony or documents needed to conduct its*
6 *work, the Commission shall notify the congressional*
7 *defense committees and appropriate investigative au-*
8 *thorities.*

9 (4) *ACCESS TO INFORMATION.—The Commission*
10 *may secure directly from the Department of Defense*
11 *any information or assistance that the Commission*
12 *considers necessary to enable the Commission to carry*
13 *out the requirements of this section. Upon receipt of*
14 *a request of the Commission for information or assist-*
15 *ance, the Secretary of Defense shall furnish such in-*
16 *formation or assistance expeditiously to the Commis-*
17 *sion. Whenever information or assistance requested by*
18 *the Commission is unreasonably refused or not pro-*
19 *vided, the Commission shall report the circumstances*
20 *to Congress without delay.*

21 (d) *COMPOSITION.—*

22 (1) *NUMBER AND APPOINTMENT.—The Commis-*
23 *sion shall be composed of 12 members who are civil-*
24 *ian individuals not employed by the Federal Govern-*
25 *ment.*

1 (2) *MEMBERSHIP.*—*The members shall be ap-*
2 *pointed as follows:*

3 (A) *The Majority Leader and the Minority*
4 *Leader of the Senate shall each appoint one*
5 *member.*

6 (B) *The Speaker of the House of Represent-*
7 *atives and the Minority Leader shall each ap-*
8 *point one member.*

9 (C) *The Chair and the Ranking Member of*
10 *the Committee on Armed Services of the Senate*
11 *shall each appoint one member.*

12 (D) *The Chair and the Ranking Member of*
13 *the Committee on Armed Services of the House*
14 *of Representatives shall each appoint one mem-*
15 *ber.*

16 (E) *The Chair and the Ranking Member of*
17 *the Committee on Appropriations of the Senate*
18 *shall each appoint one member.*

19 (F) *The Chair and Ranking Member of the*
20 *Committee on Appropriations of the House of*
21 *Representatives shall each appoint one member.*

22 (3) *CHAIR AND VICE CHAIR.*—*The Commission*
23 *shall elect a Chair and Vice Chair from among its*
24 *members.*

1 (4) *DEADLINE FOR APPOINTMENT.*—Members
2 shall be appointed to the Commission under para-
3 graph (1) not later than 90 days after the date of the
4 enactment of this Act.

5 (5) *NONGOVERNMENTAL APPOINTEES.*—An indi-
6 vidual appointed to serve as a member of the Com-
7 mission may not be an officer or employee of the Fed-
8 eral Government or of any State or local government
9 or a member of the United States Armed Forces serv-
10 ing on active duty.

11 (e) *MEETINGS.*—

12 (1) *INITIAL MEETING.*—The Commission shall
13 meet and begin the operations of the Commission not
14 later than 120 days after the date of the enactment
15 of this Act.

16 (2) *QUORUM; VACANCIES.*—After its initial meet-
17 ing, the Commission shall meet upon the call of the
18 Chair or a majority of its members. Five members of
19 the Commission shall constitute a quorum. Any va-
20 cancy in the Commission shall not affect its powers,
21 but shall be filled in the same manner in which the
22 original appointment was made.

23 (f) *STAFFING.*—

24 (1) *APPOINTMENT AND COMPENSATION.*—The
25 Chair, in accordance with rules agreed upon by the

1 *Commission, may appoint and fix the compensation*
2 *of a staff director and such other personnel as may*
3 *be necessary to enable the Commission to carry out its*
4 *functions, without regard to the provisions of title 5,*
5 *United States Code, governing appointments in the*
6 *competitive service, and without regard to the provi-*
7 *sions of chapter 51 and subchapter III of chapter 53*
8 *of such title relating to classification and General*
9 *Schedule pay rates, except that no rate of pay fixed*
10 *under this paragraph may exceed the equivalent of*
11 *that payable for a position at level V of the Executive*
12 *Schedule under section 5316 of title 5, United States*
13 *Code.*

14 (2) *PERSONNEL.—The Commission shall have*
15 *the authorities provided in section 3161 of title 5,*
16 *United States Code, and shall be subject to the condi-*
17 *tions set forth in such section, except to the extent*
18 *that such conditions would be inconsistent with the*
19 *requirements of this section.*

20 (3) *PERSONNEL AS FEDERAL EMPLOYEES.—*

21 (A) *IN GENERAL.—The staff director and*
22 *any personnel of the Commission who are em-*
23 *ployees shall be employees under section 2105 of*
24 *title 5, United States Code, for purposes of chap-*

1 *ters 63, 81, 83, 84, 85, 87, 89, and 90 of that*
2 *title.*

3 *(B) MEMBERS OF COMMISSION.—Subpara-*
4 *graph (A) shall not be construed to apply to*
5 *members of the Commission.*

6 *(4) QUALIFICATIONS.—Commission personnel*
7 *should have experience and expertise in areas includ-*
8 *ing—*

9 *(A) international humanitarian law;*

10 *(B) human rights law;*

11 *(C) investigations;*

12 *(D) humanitarian response;*

13 *(E) United States military operations;*

14 *(F) national security policy;*

15 *(G) the languages, histories, and cultures of*
16 *regions that have experienced civilian harm dur-*
17 *ing the period of inquiry; and*

18 *(H) other such areas the members of the*
19 *Commission determine necessary to carry out the*
20 *responsibilities of the Commission under sub-*
21 *section (b).*

22 *(5) CONTRACTING.—The Commission may, to*
23 *such extent and in such amounts as are provided in*
24 *appropriation Acts, enter into contracts to enable the*
25 *Commission to discharge its duties under this section.*

1 (6) *CONSULTANT SERVICES.*—*The Commission is*
2 *authorized to procure the services of experts and con-*
3 *sultants in accordance with section 3109 of title 5,*
4 *United States Code, but at rates not to exceed the*
5 *daily rate paid a person occupying a position at level*
6 *IV of the Executive Schedule under section 5315 of*
7 *title 5, United States Code.*

8 (7) *REPORTS.*—

9 (1) *INTERIM REPORT.*—*Not later than June 1,*
10 *2024, the Commission shall submit to the appropriate*
11 *congressional committees an interim report on the*
12 *study referred to in subsection (b)(1), including the*
13 *results and findings of such study as of that date.*

14 (2) *OTHER REPORTS.*—*The Commission may,*
15 *from time to time, submit to the appropriate congres-*
16 *sional committees such other reports on such study as*
17 *the Commission considers appropriate.*

18 (3) *FINAL REPORT.*—*Not later than two years*
19 *after the date of the appointment of all of the mem-*
20 *bers of the Commission under subsection (d), the Com-*
21 *mission shall submit to the appropriate congressional*
22 *committees a final report on such study. The report*
23 *shall include—*

24 (A) *the findings of the Commission; and*

1 (B) recommendations based on the findings
2 of the Commission to improve the prevention,
3 mitigation, assessment, and investigation of inci-
4 dents of civilian harm.

5 (4) *PUBLIC AVAILABILITY.*—The Commission
6 shall make publicly available on an appropriate
7 internet website an unclassified version of each report
8 submitted by the Commission under this subsection
9 and shall ensure that such versions are minimally re-
10 dacted only for legitimately classified information.

11 (h) *DEFINITIONS.*—In this section:

12 (1) The term “appropriate congressional com-
13 mittees” means—

14 (A) the congressional defense committees;

15 (B) the Committee on Foreign Affairs, the
16 Committee on Oversight and Reform, the Com-
17 mittee on Transportation and Infrastructure,
18 and the Permanent Select Committee on Intel-
19 ligence of the House of Representatives; and

20 (C) the Committee on Foreign Relations, the
21 Committee on Homeland Security and Govern-
22 mental Affairs, the Committee on Commerce,
23 Science, and Transportation, and the Select
24 Committee on Intelligence of the Senate.

25 (2) The term “civilian harm” means—

1 (A) the death or injury of a civilian; or

2 (B) destruction of civilian property.

3 (3) The term “period of inquiry” means the pe-
4 riod beginning on the date of the enactment of the Au-
5 thorization for Use of Military Force (Public Law
6 107–40; 50 U.S.C. 1541 note) and ending on the date
7 of the enactment of the National Defense Authoriza-
8 tion Act for Fiscal Year 2023.

9 **SEC. 1085. DEPARTMENT OF DEFENSE CENTER FOR EXCEL-**
10 **LENCE IN CIVILIAN HARM MITIGATION.**

11 (a) *CENTER FOR EXCELLENCE IN CIVILIAN HARM*
12 *MITIGATION.*—

13 (1) *IN GENERAL.*—Chapter 7 of title 10, United
14 States Code, is amended by inserting after section
15 183a the following new section:

16 **“§ 184. Center for Excellence in Civilian Harm Mitiga-**
17 **tion**

18 “(a) *ESTABLISHMENT.*—The Secretary of Defense shall
19 operate a Center for Excellence in Civilian Harm Mitiga-
20 tion. The purpose of the center shall be to institutionalize
21 and advance knowledge, practices, and tools for preventing,
22 mitigating, and responding to civilian harm.

23 “(b) *PURPOSE.*—The Center shall be used to—

24 “(1) develop more standardized civilian-harm
25 operational reporting and data management processes

1 to improve data collection, sharing, and learning to
2 enable the Department of Defense to better learn from
3 disparate investigations and events;

4 “(2) develop, recommend, and review guidance,
5 and the implementation of guidance, on how the De-
6 partment responds to civilian harm;

7 “(3) develop recommended guidance for address-
8 ing civilian harm across the full spectrum of armed
9 conflict and for use in doctrine and operational
10 plans;

11 “(4) develop and recommend training and exer-
12 cises for the prevention and investigation of civilian
13 harm;

14 “(5) develop a repository of civilian casualty
15 and civilian harm information; and

16 “(6) perform such other functions as the Sec-
17 retary of Defense may specify.

18 “(c) ANNUAL REPORT.—The Secretary of Defense shall
19 submit to the congressional defense committees, and make
20 publicly available on an appropriate website of the Depart-
21 ment, an annual report on the activities of the Center.”.

22 (2) CLERICAL AMENDMENT.—The table of sec-
23 tions at the beginning of such chapter is amended by
24 inserting after the item relating to section 183a the
25 following new item:

“184. Center for Excellence in Civilian Harm Mitigation.”.

1 (b) *DEADLINE FOR ESTABLISHMENT.*—The Center for
2 *Excellence in Civilian Harm Mitigation*, as required under
3 *section 184 of title 10, United States Code*, as added by
4 *subsection (a)*, shall be established by not later than 90 days
5 *after the date of the enactment of this Act.*

6 (c) *REPORT TO CONGRESS.*—Not later than 90 days
7 *after the date of the enactment of this Act*, the Secretary
8 *of Defense shall submit to the congressional defense commit-*
9 *tees a report on the establishment of such Center for Excel-*
10 *lence in Civilian Harm Mitigation.*

11 **SEC. 1086. SENSE OF CONGRESS REGARDING NAMING A**
12 **WARSHIP THE USS FALLUJAH.**

13 *It is the sense of Congress that the Secretary of the*
14 *Navy should name a warship the “USS Fallujah”.*

15 **SEC. 1087. STANDARDIZATION OF SECTIONAL BARGE CON-**
16 **STRUCTION FOR DEPARTMENT OF DEFENSE**
17 **USE ON RIVERS AND INTERCOASTAL WATER-**
18 **WAYS.**

19 *The Secretary of Defense shall ensure that any sec-*
20 *tional barge used by the Department of Defense—*

21 (1) *is built to a design that has been reviewed*
22 *and approved, to the extent possible, by the American*
23 *Bureau of Shipping, for the intended barge service,*
24 *and using the rule set of the American Bureau of*

1 *Shipping for building and classing steel vessels for*
2 *service on rivers and intercoastal waterways; and*

3 (2) *has a deck design that provides for a min-*
4 *imum concentrated load capacity of 10,000 pounds*
5 *per square foot.*

6 **SEC. 1088. SENSE OF CONGRESS REGARDING NAMING WAR-**
7 **SHIPS AFTER DECEASED NAVY MEDAL OF**
8 **HONOR RECIPIENTS.**

9 *It is the sense of Congress that the Secretary of the*
10 *Navy should name warships after deceased Navy recipients*
11 *of the Medal of Honor from World War I to the present,*
12 *who have not had a vessel named in their honor, as follows:*

13 (1) *Tedford H. Cann.*

14 (2) *Ora Graves.*

15 (3) *John MacKenzie.*

16 (4) *Patrick McGunigal.*

17 (5) *John H. Balch.*

18 (6) *Joel T. Boone.*

19 (7) *Jesse W. Covington.*

20 (8) *Edouard Izac.*

21 (9) *David E. Hayden.*

22 (10) *Alexander G. Lyle.*

23 (11) *Francis E. Ormsbee, Jr.*

24 (12) *Orlando H. Petty.*

25 (13) *Oscar Schmidt, Jr.*

- 1 (14) *Daniel A. J. Sullivan.*
- 2 (15) *Frank M. Upton.*
- 3 (16) *John O. Siegel.*
- 4 (17) *Henry Breault.*
- 5 (18) *Thomas J. Ryan.*
- 6 (19) *George R. Cholister.*
- 7 (20) *Thomas Eadie.*
- 8 (21) *William R. Huber.*
- 9 (22) *William Badders.*
- 10 (23) *James H. McDonald.*
- 11 (24) *John Mihalowski.*
- 12 (25) *Samuel G. Fuqua.*
- 13 (26) *William E. Hall.*
- 14 (27) *Herbert Schonland.*
- 15 (28) *Nathan G. Gordon.*
- 16 (29) *Arthur M. Preston.*
- 17 (30) *Eugene B. Fluckey.*
- 18 (31) *Robert Bush.*
- 19 (32) *Rufus G. Herring.*
- 20 (33) *Franklin J. Pierce.*
- 21 (34) *George L. Street.*
- 22 (35) *George E. Wahlen.*
- 23 (36) *William L. McGonagle.*

1 **SEC. 1089. SENSE OF CONGRESS REGARDING THE SERVICE**
2 **AND CREW OF THE USS OKLAHOMA CITY.**

3 (a) *FINDINGS.*—Congress makes the following findings:

4 (1) *The USS Oklahoma City is a nuclear-powered fast attack submarine named after Oklahoma*
5 *City, the capital and most populous city in Okla-*
6 *homa, and is the second ship in the history of the*
7 *Navy to bear that name.*

9 (2) *The motto of the USS Oklahoma City is*
10 *“The Sooner, The Better”, which is a testament to*
11 *both the spirit of the people of Oklahoma City and the*
12 *readiness of the 140-person crew of the USS Okla-*
13 *homa City.*

14 (3) *The USS Oklahoma City was christened and*
15 *launched on November 2, 1985, sponsored by Linda*
16 *M. Nickles, and was commissioned for service on July*
17 *9, 1988, with Commander Kevin John Reardon as the*
18 *first commanding officer of the submarine.*

19 (4) *Since the commissioning of the USS Okla-*
20 *homa City, the USS Oklahoma City has traveled*
21 *around the globe multiple times and has served in the*
22 *Mediterranean, the Persian Gulf, the Pacific, and,*
23 *most recently, Apra Harbor, Guam.*

24 (5) *In the aftermath of the April 19, 1995, bomb-*
25 *ing of the Alfred P. Murrah Federal Building in*
26 *Oklahoma City, the crew of the USS Oklahoma City*

1 *donated blood in support of the victims of the dead-*
2 *liest act of home- grown terrorism in the history of*
3 *the United States, which resulted in the deaths of 168*
4 *individuals.*

5 (6) *The USS Oklahoma City was the first Navy*
6 *submarine to transition from navigation using paper*
7 *charts to an all-electronic navigation suite.*

8 (7) *On Friday, May 20, 2022, the inactivation*
9 *ceremony for the USS Oklahoma City was held in*
10 *Puget Sound Naval Shipyard to honor nearly 34*
11 *years of service.*

12 (8) *Throughout the career of the USS Oklahoma*
13 *City, the USS Oklahoma City supported a range of*
14 *missions, including anti-surface warfare, anti-sub-*
15 *marine warfare, targeted strike missions, and intel-*
16 *ligence, surveillance, and reconnaissance missions.*

17 (b) *SENSE OF CONGRESS.—Congress recognizes the*
18 *service of the Los Angeles-class attack submarine the USS*
19 *Oklahoma City and the crew of the USS Oklahoma City,*
20 *who served the United States with valor and bravery.*

21 **SEC. 1090. TARGET DATE FOR DEPLOYMENT OF 5G WIRE-**
22 **LESS BROADBAND INFRASTRUCTURE AT ALL**
23 **MILITARY INSTALLATIONS.**

24 (a) *TARGET REQUIRED.—The Secretary of Defense*
25 *shall—*

1 (1) *establish a target date by which the Secretary*
2 *plans to deploy 5G wireless broadband infrastructure*
3 *at all military installations; and*

4 (2) *establish metrics, which shall be identical for*
5 *each of the military departments, to measure progress*
6 *toward reaching the target required by paragraph (1).*

7 (b) *ANNUAL REPORT.*—*The Secretary shall submit to*
8 *the congressional defense committees and annual report that*
9 *includes—*

10 (1) *the metrics in use pursuant to subsection*
11 *(a)(2); and*

12 (2) *the progress of the Secretary in reaching the*
13 *target required by subsection (a)(1).*

14 (c) *TERMINATION.*—*No report shall be required under*
15 *subsection (b) after the date that is five years after the date*
16 *of the enactment of this Act.*

17 **SEC. 1091. INCLUSION OF AIR FORCE STUDENT PILOTS IN**
18 **PERSONNEL METRICS FOR ESTABLISHING**
19 **AND SUSTAINING DINING FACILITIES AT AIR**
20 **EDUCATION AND TRAINING COMMANDS.**

21 *The Secretary of the Air Force shall revise the per-*
22 *sonnel metrics with respect to establishing and sustaining*
23 *dining facilities at Air Education and Training Commands*
24 *in the United States to include Air Force student pilots.*

1 **SEC. 1092. SENSE OF CONGRESS REGARDING CONDUCT OF**
2 **INTERNATIONAL NAVAL REVIEW ON JULY 4,**
3 **2026.**

4 (a) *FINDING.*—Congress finds that July 4, 2026, is the
5 250th birthday of the United States of America.

6 (b) *SENSE OF CONGRESS.*—It is the sense of Congress
7 that the Navy should conduct an international naval review
8 on July 4, 2026.

9 **SEC. 1093. SENSE OF CONGRESS REGARDING CRISIS AT THE**
10 **SOUTHWEST BORDER.**

11 (a) *FINDINGS.*—Congress makes the following findings:

12 (1) *Noncitizens with criminal convictions are*
13 *routinely encountered at ports of entry and between*
14 *ports of entry on the Southwest land border.*

15 (2) *Some of the inadmissible individuals encoun-*
16 *tered on the southwest border are known or suspected*
17 *terrorists.*

18 (3) *Transnational criminal organizations rou-*
19 *tinely move illicit drugs, counterfeit products, and*
20 *trafficked humans across the Southwest land border.*

21 (b) *SENSE OF CONGRESS.*—It is the sense of Congress
22 *that—*

23 (1) *the current level of illegal crossings and traf-*
24 *ficking on the Southwest border represents a national*
25 *security threat;*

1 (2) *the Department of Defense has rightly con-*
2 *tributed personnel to aid the efforts of the United*
3 *States Government to address the crisis at the South-*
4 *west border;*

5 (3) *the National Guard and active duty members*
6 *of the Armed Forces are to be commended for their*
7 *hard work and dedication in their response to the cri-*
8 *sis at the Southwest land border; and*

9 (4) *border security is a matter of national secu-*
10 *rity and the failure to address the crisis at the South-*
11 *west border introduces significant risk to the people*
12 *of the United States.*

13 **SEC. 1094. NATIONAL COMMISSION ON THE FUTURE OF THE**

14 **NAVY.**

15 (a) *NATIONAL COMMISSION ON THE FUTURE OF THE*
16 *NAVY.—*

17 (1) *ESTABLISHMENT.—There is established the*
18 *National Commission on the Future of the Navy (in*
19 *this section referred to as the “Commission”).*

20 (2) *MEMBERSHIP.—*

21 (A) *COMPOSITION.—The Commission shall*
22 *be composed of eight members, of whom—*

23 (i) *two shall be appointed by the*
24 *Chairman of the Committee on Armed Serv-*
25 *ices of the Senate, one of whom shall be a*

1 *Member of the Senate and one whom shall*
2 *not be;*

3 *(ii) two shall be appointed by the*
4 *Ranking Member of the Committee on*
5 *Armed Services of the Senate, one of whom*
6 *shall be a Member of the Senate and one*
7 *whom shall not be;*

8 *(iii) two shall be appointed by the*
9 *Chairman of the Committee on Armed Serv-*
10 *ices of the House of Representatives, one of*
11 *whom shall be a Member of the House of*
12 *Representatives and one whom shall not be;*
13 *and*

14 *(iv) two shall be appointed by the*
15 *Ranking Member of the Committee on*
16 *Armed Services of the House of Representa-*
17 *tives, one of whom shall be a Member of the*
18 *House of Representatives and one whom*
19 *shall not be.*

20 *(B) APPOINTMENT DATE.—The appoint-*
21 *ments of the members of the Commission shall be*
22 *made not later than 90 days after the date of the*
23 *enactment of this Act.*

24 *(C) EFFECT OF LACK OF APPOINTMENT BY*
25 *APPOINTMENT DATE.—If one or more appoint-*

1 ments under subparagraph (A)(i) is not made by
2 the appointment date specified in subparagraph
3 (B), the authority to make such appointment or
4 appointments shall expire, and the number of
5 members of the Commission shall be reduced by
6 the number equal to the number of appointments
7 so not made. If an appointment under subpara-
8 graph (A)(ii), (iii), (iv), or (v) is not made by
9 the appointment date specified in subparagraph
10 (B), the authority to make an appointment
11 under such subparagraph shall expire, and the
12 number of members of the Commission shall be
13 reduced by the number equal to the number oth-
14 erwise appointable under such subparagraph.

15 (D) *EXPERTISE.*—In making appointments
16 under this subsection, consideration should be
17 given to individuals with expertise in naval pol-
18 icy and strategy, naval forces capability, naval
19 nuclear weapons, Naval force structure design,
20 organization, and employment, shipbuilding,
21 and shipbuilding infrastructure.

22 (3) *PERIOD OF APPOINTMENT; VACANCIES.*—
23 Members shall be appointed for the life of the Com-
24 mission. Any vacancy in the Commission shall not af-

1 *fect its powers, but shall be filled in the same manner*
2 *as the original appointment.*

3 (4) *CHAIR AND VICE CHAIR.*—*The Commission*
4 *shall select a Chair and Vice Chair from among its*
5 *members.*

6 (5) *INITIAL MEETING.*—*Not later than 30 days*
7 *after the date on which all members of the Commis-*
8 *sion have been appointed, the Commission shall hold*
9 *its initial meeting.*

10 (6) *MEETINGS.*—*The Commission shall meet at*
11 *the call of the Chair.*

12 (7) *QUORUM.*—*A majority of the members of the*
13 *Commission shall constitute a quorum, but a lesser*
14 *number of members may hold hearings.*

15 (b) *DUTIES OF THE COMMISSION.*—

16 (1) *STUDY ON NAVAL FORCE STRUCTURE.*—

17 (A) *IN GENERAL.*—*The Commission shall*
18 *undertake a comprehensive study of the structure*
19 *of the Navy and policy assumptions related to*
20 *the size and force mixture of the Navy, in*
21 *order—*

22 (i) *to make recommendations on the*
23 *size and force mixture of ships; and*

24 (ii) *to make recommendations on the*
25 *size and force mixture of naval aviation;*

1 (B) *CONSIDERATIONS.*—*In undertaking the*
2 *study required by paragraph (1), the Commis-*
3 *sion shall carry out each of the following:*

4 (i) *An evaluation and identification of*
5 *a structure for the Navy that—*

6 (I) *has the depth and scalability*
7 *to meet current and anticipated re-*
8 *quirements of the combatant com-*
9 *mands;*

10 (II) *assumes three different fund-*
11 *ing levels of 2023 appropriated plus*
12 *inflation; 2023 appropriated with 3-5*
13 *percent real growth; and unconstrained*
14 *to meet the needs for war in the area*
15 *of responsibility of United States Indo-*
16 *Pacific Command and the area of re-*
17 *sponsibility of United States European*
18 *Command;*

19 (III) *ensures that the Navy has*
20 *the capacity needed to support current*
21 *and anticipated homeland defense and*
22 *disaster assistance missions in the*
23 *United States;*

24 (IV) *provides for sufficient num-*
25 *bers of members of the Navy to ensure*

1 *a 115 percent manning level of all de-*
2 *ployed ships, similar to United States*
3 *Special Operations Command;*

4 *(V) recommends a peacetime rota-*
5 *tion force operational tempo goals;*

6 *(VI) recommends forward sta-*
7 *tioning requirements; and*

8 *(VII) manages strategic and oper-*
9 *ational risk by making tradeoffs*
10 *among readiness, efficiency, effective-*
11 *ness, capability, and affordability.*

12 *(ii) An evaluation and identification*
13 *of combatant command demand and fleet*
14 *size, including recommendations to support*
15 *a balance of—*

16 *(I) readiness;*

17 *(II) training;*

18 *(III) routine ship maintenance;*

19 *(IV) personnel;*

20 *(V) forward presence; and*

21 *(VI) depot level ship maintenance.*

22 *(iii) A detailed review of the cost of the*
23 *recapitalization of the Nuclear Triad in the*
24 *Department of Defense and its effect on the*
25 *Navy's budget.*

1 (iv) *A review of Navy personnel poli-*
2 *cies and training to determine changes*
3 *needed across all personnel activities to im-*
4 *prove training effectiveness and force tac-*
5 *tical readiness and reduce operational*
6 *stress.*

7 (2) *STUDY ON SHIPBUILDING AND INNOVA-*
8 *TION.—*

9 (A) *IN GENERAL.—The Commission shall*
10 *conduct a detail study on shipbuilding, ship-*
11 *yards, and integrating advanced information*
12 *technologies such as augmented reality an artifi-*
13 *cial intelligence on the current fleet.*

14 (B) *CONSIDERATIONS.—In conducting the*
15 *study required by subparagraph (A), the Com-*
16 *mission shall consider the following:*

17 (i) *Recommendations for specific*
18 *changes to the Navy’s Shipyard Infrastruc-*
19 *ture Optimization Program, to include leg-*
20 *islative changes to providing a multi-year*
21 *appropriation; additionally provides rec-*
22 *ommendations for bringing into the ship-*
23 *yards innovative technology companies as*
24 *part of the overall modernization effort.*

1 (ii) *Recommendations for changes to*
2 *the ship design and build program, to re-*
3 *duce risk, reduce cost, accelerate build*
4 *timelines, and takes an incremental ap-*
5 *proach to change in future ship building.*

6 (iii) *Recommendations for changes to*
7 *the ship depot maintenance program in*
8 *order to reduce overhaul timelines, integrate*
9 *current technologies into ships, and reduces*
10 *costs.*

11 (3) *REPORT.—Not later than July 1, 2024, the*
12 *Commission shall submit to the Committees on Armed*
13 *Services of the Senate and House of Representatives*
14 *an unclassified report, with classified annexes if nec-*
15 *essary, that includes the findings and conclusions of*
16 *the Commission as a result of the studies required by*
17 *paragraphs (1) and (2), together with its rec-*
18 *ommendations for such legislative actions as the Com-*
19 *mission considers appropriate in light of the results*
20 *of the studies.*

21 (c) *POWERS OF THE COMMISSION.—*

22 (1) *HEARINGS.—The Commission may hold such*
23 *hearings, sit and act at such times and places, take*
24 *such testimony, and receive such evidence as the Com-*

1 *mission considers advisable to carry out its duties*
2 *under this section.*

3 (2) *INFORMATION FROM FEDERAL AGENCIES.—*

4 *The Commission may secure directly from any Fed-*
5 *eral department or agency such information as the*
6 *Commission considers necessary to carry out its du-*
7 *ties under this section. Upon request of the Chair of*
8 *the Commission, the head of such department or agen-*
9 *cy shall furnish such information to the Commission.*

10 (3) *POSTAL SERVICES.—The Commission may*
11 *use the United States mails in the same manner and*
12 *under the same conditions as other departments and*
13 *agencies of the Federal Government.*

14 (d) *COMMISSION PERSONNEL MATTERS.—*

15 (1) *COMPENSATION OF MEMBERS.—Each mem-*
16 *ber of the Commission who is not an officer or em-*
17 *ployee of the Federal Government may be com-*
18 *pensated at a rate not to exceed the daily equivalent*
19 *of the annual rate of \$155,400 for each day (includ-*
20 *ing travel time) during which such member is en-*
21 *gaged in the performance of the duties of the Commis-*
22 *sion. All members of the Commission who are officers*
23 *or employees of the United States or Members of Con-*
24 *gress shall serve without compensation in addition to*

1 *that received for their services as officers or employees*
2 *of the United States.*

3 (2) *TRAVEL EXPENSES.*—*The members of the*
4 *Commission shall be allowed travel expenses, includ-*
5 *ing per diem in lieu of subsistence, at rates author-*
6 *ized for employees of agencies under subchapter I of*
7 *chapter 57 of title 5, United States Code, while away*
8 *from their homes or regular places of business in the*
9 *performance of services for the Commission.*

10 (3) *STAFF.*—

11 (A) *IN GENERAL.*—*The Chair of the Com-*
12 *mission may, without regard to the civil service*
13 *laws and regulations, appoint and terminate an*
14 *executive director and such other additional per-*
15 *sonnel as may be necessary to enable the Com-*
16 *mission to perform its duties. The employment of*
17 *an executive director shall be subject to confirma-*
18 *tion by the Commission.*

19 (B) *COMPENSATION.*—*The Chair of the*
20 *Commission may fix the compensation of the ex-*
21 *ecutive director and other personnel without re-*
22 *gard to chapter 51 and subchapter III of chapter*
23 *53 of title 5, United States Code, relating to clas-*
24 *sification of positions and General Schedule pay*
25 *rates, except that the rate of pay for the executive*

1 *director and other personnel may not exceed the*
2 *rate payable for level V of the Executive Schedule*
3 *under section 5316 of such title.*

4 (4) *DETAIL OF GOVERNMENT EMPLOYEES.—Any*
5 *Federal Government employee may be detailed to the*
6 *Commission without reimbursement, and such detail*
7 *shall be without interruption or loss of civil service*
8 *status or privilege.*

9 (5) *PROCUREMENT OF TEMPORARY AND INTER-*
10 *MITTENT SERVICES.—The Chair of the Commission*
11 *may procure temporary and intermittent services*
12 *under section 3109(b) of title 5, United States Code,*
13 *at rates for individuals which do not exceed the daily*
14 *equivalent of the annual rate of basic pay prescribed*
15 *for level V of the Executive Schedule under section*
16 *5316 of such title.*

17 (e) *TERMINATION OF THE COMMISSION.—*

18 (1) *IN GENERAL.—The Commission shall termi-*
19 *nate on the date that is five years after the date of*
20 *the enactment of this Act.*

21 (2) *INAPPLICABILITY OF TERMINATION REQUIRE-*
22 *MENT UNDER FACAs.—Section 14 of the Federal Advi-*
23 *sory Committee Act (5 U.S.C. App.) shall not apply*
24 *to the activities of the Commission under this section.*

1 **SEC. 1095. TRANSFER OF AIRCRAFT TO OTHER DEPART-**
2 **MENTS FOR WILDFIRE SUPPRESSION AND**
3 **OTHER PURPOSES.**

4 *Section 1098(c)(1) of the National Defense Authoriza-*
5 *tion Act for Fiscal Year 2014 (Public Law 113–66) is*
6 *amended by inserting “, search and rescue, or emergency*
7 *operations pertaining to wildfires” after “purposes”.*

8 **SEC. 1096. NATIONAL MUSEUM OF INTELLIGENCE AND SPE-**
9 **CIAL OPERATIONS.**

10 *(a) RECOGNITION.—The privately-funded museum to*
11 *honor the intelligence community and special operations*
12 *forces that is planned to be constructed in Ashburn, Vir-*
13 *ginia, may be recognized, upon completion, as the “Na-*
14 *tional Museum of Intelligence and Special Operations”.*

15 *(b) PURPOSES.—The purpose of recognizing the Na-*
16 *tional Museum of Intelligence and Special Operations*
17 *under subsection (a) are to—*

18 *(1) commemorate the members of the intelligence*
19 *community and special operations forces who have*
20 *been critical to securing the Nation against enemies*
21 *of the United States for nearly a century;*

22 *(2) preserve and support the historic role that*
23 *the intelligence community and special operations*
24 *forces have played, and continue to play, both in se-*
25 *crecy as well as openly, to keep the United States and*
26 *its values and way of life secure; and*

1 (3) *foster a greater understanding of the intel-*
2 *ligence community and special operations forces to*
3 *ensure a common understanding, dispel myths, recog-*
4 *nize those who are not otherwise able to be publicly*
5 *recognized, and increase science, technology, engineer-*
6 *ing, and math education through museum programs*
7 *designed to promote more interest and greater diver-*
8 *sity in recruiting with respect to the intelligence and*
9 *special operations career field.*

10 ***TITLE XI—CIVILIAN PERSONNEL***
11 ***MATTERS***

12 ***SEC. 1101. ONE-YEAR EXTENSION OF AUTHORITY TO WAIVE***
13 ***ANNUAL LIMITATION ON PREMIUM PAY AND***
14 ***AGGREGATE LIMITATION ON PAY FOR FED-***
15 ***ERAL CIVILIAN EMPLOYEES WORKING OVER-***
16 ***SEAS.***

17 *Subsection (a) of section 1101 of the Duncan Hunter*
18 *National Defense Authorization Act for Fiscal Year 2009*
19 *(Public Law 110–417; 122 Stat. 4615), as most recently*
20 *amended by section 1112 of the National Defense Authoriza-*
21 *tion Act for Fiscal Year 2022 (Public Law 117–81), is fur-*
22 *ther amended by striking “through 2022” and inserting*
23 *“through 2023”.*

1 **SEC. 1102. ONE-YEAR EXTENSION OF TEMPORARY AUTHOR-**
2 **ITY TO GRANT ALLOWANCES, BENEFITS, AND**
3 **GRATUITIES TO CIVILIAN PERSONNEL ON OF-**
4 **FICIAL DUTY IN A COMBAT ZONE.**

5 *Paragraph (2) of section 1603(a) of the Emergency*
6 *Supplemental Appropriations Act for Defense, the Global*
7 *War on Terror, and Hurricane Recovery, 2006 (Public Law*
8 *109–234; 120 Stat. 443), as added by section 1102 of the*
9 *Duncan Hunter National Defense Authorization Act for*
10 *Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4616)*
11 *and as most recently amended by section 1114 of the Na-*
12 *tional Defense Authorization Act for Fiscal Year 2022 (Pub-*
13 *lic Law 117–81), is further amended by striking “2023”*
14 *and inserting “2024”.*

15 **SEC. 1103. STANDARDIZED CREDENTIALS FOR LAW EN-**
16 **FORCEMENT OFFICERS OF THE DEPARTMENT**
17 **OF DEFENSE.**

18 *(a) STANDARDIZED CREDENTIALS REQUIRED.—Not*
19 *later than 180 days after the date of the enactment of this*
20 *Act, the Secretary of Defense shall—*

21 *(1) develop a standardized identification creden-*
22 *tial for Defense law enforcement officers;*

23 *(2) issue such credential to each such officer at*
24 *no cost to such officer; and*

1 (3) ensure that any Department of Defense com-
2 mon access card issued to such an officer clearly iden-
3 tifies the officer as a Defense law enforcement officer.

4 (b) *DEFENSE LAW ENFORCEMENT OFFICER DE-*
5 *FINED.*—*In this section, the term “Defense law enforcement*
6 *officer” means a member of the Armed Forces or civilian*
7 *employee of the Department of Defense who—*

8 (1) *is authorized by law to engage in or super-*
9 *vis the prevention, detection, investigation, or pros-*
10 *ecution of, or the incarceration of any person for, any*
11 *violation of law;*

12 (2) *has statutory powers of arrest or apprehen-*
13 *sion under section 807(b) of title 10, United States*
14 *Code (article 7(b) of the Uniform Code of Military*
15 *Justice); and*

16 (3) *is authorized by the Department to carry a*
17 *firearm.*

18 **SEC. 1104. TEMPORARY EXTENSION OF AUTHORITY TO PRO-**
19 **VIDE SECURITY FOR FORMER DEPARTMENT**
20 **OF DEFENSE OFFICIALS.**

21 *During the period beginning on the date of enactment*
22 *of this Act and ending on January 1, 2024, subsection (b)*
23 *of section 714 of title 10, United States Code, shall be ap-*
24 *plied—*

1 (1) in paragraph (1)(A), by substituting “a seri-
2 ous and credible threat” for “an imminent and cred-
3 ible threat”;

4 (2) in paragraph (2)(B), by substituting “three
5 years” for “two years”; and

6 (3) in paragraph (6)(A), by substituting—

7 (A) “congressional leadership and the con-
8 gressional defense committees” for “the congres-
9 sional defense committees”; and

10 (B) by substituting “the justification for
11 such determination, scope of the protection, and
12 the anticipated cost and duration of such protec-
13 tion” for “the justification for such determina-
14 tion”.

15 **SEC. 1105. INCREASE IN POSITIONS ELIGIBLE FOR EN-**
16 **HANCED PAY AUTHORITY FOR CERTAIN RE-**
17 **SEARCH AND TECHNOLOGY POSITIONS IN**
18 **SCIENCE AND TECHNOLOGY REINVENTION**
19 **LABORATORIES.**

20 (a) *IN GENERAL.*—Section 4094(e)(2) of title 10,
21 *United States Code*, is amended by striking “five” and in-
22 *serting “ten”*.

23 (b) *APPLICATION.*—*The amendment made by sub-*
24 *section (a) shall take effect immediately after section 851(a).*

1 **SEC. 1106. GAO REPORT ON FEDERAL EMPLOYEE PAID**
2 **LEAVE ACT.**

3 (a) *IN GENERAL.*—Not later than January 1, 2024,
4 the Comptroller General shall submit, to the Committee on
5 Armed Services and the Committee on Oversight and Re-
6 form of the House of Representatives, a report on the imple-
7 mentation of the Federal Employee Paid Leave Act (subtitle
8 A of title LXXVI of division F of Public Law 116–92), the
9 Paid Parental Leave Technical Corrections Act of 2020
10 (section 1103 of Public Law 116–283, and the amendments
11 made by such Acts.

12 (b) *CONTENTS.*—The report under subsection (a) shall
13 review, assess, and provide recommendations, as appro-
14 priate, on the following:

15 (1) Any data collected or used by the Office of
16 Personnel Management on the use of paid parental
17 leave provided by such Acts and the amendments
18 made by such Acts.

19 (2) Office of Personnel Management and Federal
20 agencies' efforts to make employees aware of paid pa-
21 rental leave under such Acts and the amendments
22 made by such Acts, address any obstacles to the use
23 of paid parental leave, and monitor the impact of
24 such Acts and the amendments made by such Acts on
25 hiring, recruitment, and retention of employees.

1 **SEC. 1107. INFLATION BONUS PAY FOR CERTAIN DEPART-**
2 **MENT OF DEFENSE CIVILIAN EMPLOYEES.**

3 (a) *GENERAL SCHEDULE AND OTHER EMPLOYEES.*—

4 (1) *BONUS.*—*On the first day of the first pay pe-*
5 *riod beginning on or after January 1, 2023, and on*
6 *the first day of each of the months of February*
7 *through December in calendar year 2023, the Sec-*
8 *retary of Defense shall pay a bonus to each civilian*
9 *employee of the Department of Defense who—*

10 (A) *is under the General Schedule and has*
11 *an annual rate of basic pay equal to \$45,000 or*
12 *less; or*

13 (B) *is within the civil service (as that term*
14 *is defined in section 2101 of title 5, United*
15 *States Code), is not under the General Schedule*
16 *or the Federal Wage System, and has an annual*
17 *rate of basic pay equal to \$45,000 or less.*

18 (2) *AMOUNT.*—*The monthly bonus paid under*
19 *paragraph (1) to an employee shall be in an amount*
20 *equal to 2.4 percent of the annual rate of basic pay*
21 *in effect for such employee on the first day of such*
22 *pay period.*

23 (b) *FEDERAL WAGE SYSTEM EMPLOYEES.*—

24 (1) *BONUS.*—*On the first day that the wage sur-*
25 *vey adjustment for fiscal year 2023 takes effect in Oc-*
26 *tober of that fiscal year, and on and the first day of*

1 *each of the months of November through September of*
2 *such fiscal year, the Secretary of Defense shall pay a*
3 *bonus to each civilian employee of the Department of*
4 *Defense who—*

5 *(A) is a prevailing rate employee under the*
6 *Federal Wage System; and*

7 *(B) has an annual rate of basic pay equal*
8 *to \$45,000 or less.*

9 *(2) AMOUNT.—The monthly bonus paid under*
10 *paragraph (1) to an employee shall be in an amount*
11 *equal to 2.4 percent of the annual rate of basic pay*
12 *in effect for such employee on the first day that such*
13 *adjustment takes effect.*

14 *(c) LIMITATIONS.—A bonus under subsection (a) or*
15 *(b)—*

16 *(1) may not be paid after December 1, 2023, or*
17 *September 1, 2023, respectively; and*

18 *(2) shall not be considered to be basic pay of an*
19 *employee for any purpose.*

20 **SEC. 1108. FLEXIBLE WORKPLACE PROGRAMS.**

21 *Not later than 60 days after the date of the enactment*
22 *of this Act, the Secretary of Defense shall ensure that each*
23 *Secretary of a military department modifies any guidance*
24 *relating to flexible workplace programs to ensure that max-*

1 *imum practicable flexibility is allowed to permit employees*
2 *to perform all or a portion of the duties of such employees—*

3 *(1) at a telecommuting center established pursu-*
4 *ant to statute; or*

5 *(2) through the use of flexible workplace services*
6 *agreements.*

7 ***TITLE XII—MATTERS RELATING***
8 ***TO FOREIGN NATIONS***
9 ***Subtitle A—Assistance and***
10 ***Training***

11 ***SEC. 1201. MODIFICATIONS TO ANNUAL REPORTS ON SECU-***
12 ***RITY COOPERATION.***

13 *(a) DEFENSE INSTITUTION CAPACITY BUILDING.—*
14 *Section 332(b)(2) of title 10, United States Code, is amend-*
15 *ed—*

16 *(1) by striking “quarter” each place it appears;*
17 *and*

18 *(2) by striking “Each fiscal year” and inserting*
19 *“Not later than February 1 of each year”.*

20 *(b) ANNUAL REPORT ON SECURITY COOPERATION AC-*
21 *TIVITIES.—Section 386 of title 10, United States Code, is*
22 *amended to read as follows:*

23 ***“§ 386. Annual report***

24 *“(a) ANNUAL REPORT REQUIRED.—Not later than*
25 *March 31 of each year, the Secretary of Defense shall submit*

1 *to the appropriate congressional committees a report that*
2 *sets forth, on a country-by-country basis, an overview of*
3 *security cooperation activities carried out by the Depart-*
4 *ment of Defense during the fiscal year preceding the fiscal*
5 *year in which such report is submitted, pursuant to one*
6 *or more of the authorities listed in subsection (b).*

7 “(b) *ELEMENTS OF REPORT.*—*Each report required*
8 *under subsection (a) shall include, with respect to each*
9 *country and for the entirety of the period covered by such*
10 *report, the following:*

11 “(1) *A narrative summary that provides a—*

12 “(A) *brief overview of the primary security*
13 *cooperation objectives for the activities encom-*
14 *passed by the report; and*

15 “(B) *a description of how such activities*
16 *advance the theater security cooperation strategy*
17 *of the relevant geographic combatant command.*

18 “(2) *A table that includes an aggregated amount*
19 *with respect to each of the following:*

20 “(A) *With respect to amounts made avail-*
21 *able for section 332(a) of this title, the Depart-*
22 *ment of Defense cost to provide any Department*
23 *personnel as advisors to a ministry of defense.*

24 “(B) *With respect to amounts made avail-*
25 *able for section 332(b) of this title, the Depart-*

1 *ment of Defense incremental execution costs to*
2 *conduct activities under such section.*

3 “(C) *With respect to section 333 of this title,*
4 *the value of all programs for which notice is re-*
5 *quired by such section.*

6 “(D) *With respect to amounts made avail-*
7 *able for section 341 of this title, the Department*
8 *of Defense manpower and travel costs to conduct*
9 *bi-lateral state partnership program engage-*
10 *ments with the partner country.*

11 “(E) *With respect to amounts made avail-*
12 *able for section 342 of this title, the Department*
13 *of Defense-funded, foreign-partner travel costs to*
14 *attend a regional center activity that began dur-*
15 *ing the period of the report.*

16 “(F) *With respect to amounts made avail-*
17 *able for section 345 of this title, the estimated*
18 *Department of Defense execution cost to complete*
19 *all training that began during the period of the*
20 *report.*

21 “(G) *With respect to amounts made avail-*
22 *able for section 2561 of this title, the planned*
23 *execution cost of completing humanitarian as-*
24 *sistance activities for the partner country that*
25 *were approved for the period of the report.*

1 “(3) A table that includes aggregated totals for
2 each of the following:

3 “(A) Pursuant to section 311 of this title,
4 the number of personnel from a partner country
5 assigned to a Department of Defense organiza-
6 tion.

7 “(B) Pursuant to section 332(a) of this
8 title, the number of Department of Defense per-
9 sonnel assigned as advisors to a ministry of de-
10 fense.

11 “(C) Pursuant to section 332(b) of this title,
12 the number of activities conducted by the De-
13 partment of Defense.

14 “(D) The number of new programs carried
15 out during the period of the report that required
16 notice under section 333 of this title.

17 “(E) With respect to section 341 of this
18 title, the number of Department of Defense bilat-
19 eral state partnership program engagements with
20 the partner country that began during the period
21 of the report.

22 “(F) With respect to section 342 of this title,
23 the number of partner country officials who par-
24 ticipated in regional center activity that began
25 during the period of the report.

1 “(G) Pursuant to the authorities under sec-
2 tions 343, 345, 348, 349, 350 and 352 of this
3 title, the total number of partner country per-
4 sonnel who began training during the period of
5 the report.

6 “(H) Pursuant to section 347 of this title,
7 the number of cadets from the partner country
8 that were enrolled in the Service Academies dur-
9 ing the period of the report.

10 “(I) Pursuant to amounts made available to
11 carry out section 2561 of this title, the number
12 of new humanitarian assistance projects funded
13 through the Overseas Humanitarian Disaster
14 and Civic Aid account that were approved dur-
15 ing the period of the required report.

16 “(4) A table that includes the following:

17 “(A) For each person from the partner
18 country assigned to a Department of Defense or-
19 ganization pursuant to section 311 of this title—

20 “(i) whether the person is a member of
21 the armed forces or a civilian;

22 “(ii) the rank of the person (if applica-
23 ble); and

1 “(iii) the component of the Department
2 of Defense and location to which such per-
3 son is assigned.

4 “(B) With respect to each civilian employee
5 of the Department of Defense or member of the
6 armed forces that was assigned, pursuant to sec-
7 tion 332(a) of this title, as an advisor to a min-
8 istry of defense during the period of the report,
9 a description of the object of the Department of
10 Defense for such support and the name of the
11 ministry or regional organization to which the
12 employee or member was assigned.

13 “(C) With respect to each activity com-
14 menced under section 332(b) of this title during
15 the period of the report—

16 “(i) the name of the supported min-
17 istry or regional organization;

18 “(ii) the component of the Department
19 of Defense that conducted the activity;

20 “(iii) the duration of the activity; and

21 “(iv) a description of the objective of
22 the activity.

23 “(D) For each program that required notice
24 to Congress under section 333 of this title during
25 the period of the report—

1 “(i) the units of the national security
2 forces of the foreign country to which assist-
3 ance was provided;

4 “(ii) the type of operational capability
5 assisted;

6 “(iii) a description of the nature of the
7 assistance being provided; and

8 “(iv) the estimated cost included in the
9 notice provided for such assistance.

10 “(E) With respect to each activity com-
11 menced under section 341 of this title during the
12 period of the report—

13 “(i) a description of the activity;

14 “(ii) the duration of the activity;

15 “(iii) the number of participating
16 members of the National Guard; and

17 “(iv) the number of participating per-
18 sonnel of the foreign country.

19 “(F) With respect to each activity of a Re-
20 gional Center for Security Studies commenced
21 under section 342 of this title during the period
22 of the report—

23 “(i) a description of the activity;

24 “(ii) the name of the Regional Center
25 that sponsored the activity;

1 “(iii) the location and duration of the
2 training; and

3 “(iv) the number of officials from the
4 foreign country who participated in the ac-
5 tivity.

6 “(G) With respect to each training event
7 that commenced under section 343, 345, 348,
8 349, 350, or 352 of this title during the period
9 of the report—

10 “(i) a description of the training;

11 “(ii) the location and duration of the
12 training; and

13 “(iii) the number of personnel of the
14 foreign country trained.

15 “(H) With respect to each new project ap-
16 proved under section 2561 of this title during the
17 period of the report and funded through the
18 Overseas Humanitarian Disaster and Civic Aid
19 account—

20 “(i) the title of the project;

21 “(ii) a description of the assistance to
22 be provided; and

23 “(iii) the anticipated cost to provide
24 such assistance.”.

1 **SEC. 1202. MODIFICATION TO AUTHORITY TO PROVIDE SUP-**
2 **PORT FOR CONDUCT OF OPERATIONS.**

3 *Notwithstanding subsection (g)(1) of section 331 of*
4 *title 10, United States Code, the aggregate value of all logis-*
5 *tic support, supplies, and services provided under para-*
6 *graphs (1), (4), and (5) of subsection (c) of such section*
7 *331 in each of fiscal years 2023 and 2024 may not exceed*
8 *\$950,000,000.*

9 **SEC. 1203. EXTENSION AND MODIFICATION OF AUTHORITY**
10 **FOR REIMBURSEMENT OF CERTAIN COALI-**
11 **TION NATIONS FOR SUPPORT PROVIDED TO**
12 **UNITED STATES MILITARY OPERATIONS.**

13 *Section 1233 of the National Defense Authorization*
14 *Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat.*
15 *393) is amended—*

16 *(1) in subsection (a), by striking “for the period*
17 *beginning on October 1, 2021, and ending on Decem-*
18 *ber 31, 2022” and inserting “for the period beginning*
19 *on October 1, 2022, and ending on December 31,*
20 *2023”; and*

21 *(2) in subsection (d)—*

22 *(A) by striking “during the period begin-*
23 *ning on October 1, 2021, and ending on Decem-*
24 *ber 31, 2022” and inserting “during the period*
25 *beginning on October 1, 2022, and ending on*
26 *December 31, 2023”; and*

1 (B) by striking “\$60,000,000” and inserting
2 “\$30,000,000”.

3 **SEC. 1204. MODIFICATION TO AUTHORITY TO BUILD CAPAC-**
4 **ITY OF FOREIGN SECURITY FORCES.**

5 Subsection (a) of section 333 of title 10, United States
6 Code, is amended—

7 (1) in paragraph (3), by inserting “or other
8 counter-illicit trafficking operations” before the period
9 at the end; and

10 (2) by adding at the end the following new para-
11 graph:

12 “(10) Operations or activities that maintain or
13 enhance the climate resilience of military or security
14 infrastructure supporting security cooperation pro-
15 grams under this section.”.

16 **SEC. 1205. PUBLIC REPORT ON MILITARY CAPABILITIES OF**
17 **CHINA, IRAN, NORTH KOREA, AND RUSSIA.**

18 (a) **PUBLIC REPORT ON MILITARY CAPABILITIES OF**
19 **COVERED COUNTRIES.**—Chapter 23 of title 10, United
20 States Code, is amended by inserting after section 486 the
21 following new section:

22 **“§487. Public report on military capabilities of cov-**
23 **ered countries**

24 “(a) **ANNUAL REPORT.**—Not later than January 30 of
25 each year through 2027, the Secretary of Defense, in con-

1 *sultation with the Director of National Intelligence, shall*
2 *make publicly available on the internet website of the De-*
3 *partment of Defense a report on the military capabilities*
4 *of each covered country.*

5 “(b) *MATTERS INCLUDED.—Each report under sub-*
6 *section (a) shall include, with respect to each covered coun-*
7 *try—*

8 “(1) *an assessment of the grand strategy, secu-*
9 *rity strategy, and military strategy, including the*
10 *goals and trends of such strategies;*

11 “(2) *an estimate of the funds spent annually on*
12 *developing conventional forces, unconventional forces,*
13 *and nuclear and missile forces;*

14 “(3) *an assessment of the size and capabilities of*
15 *the conventional forces;*

16 “(4) *an assessment of the size and capability of*
17 *the unconventional forces and related activities;*

18 “(5) *with respect to the forces described in sub-*
19 *section (d)(3)(B), an assessment of the types and*
20 *amount of support, including—*

21 “(A) *lethal and non-lethal supplies; and*

22 “(B) *training provided; and*

23 “(6) *an assessment of the capabilities of the nu-*
24 *clear and missile forces and related activities, includ-*
25 *ing—*

1 “(A) *the nuclear weapon capabilities;*
2 “(B) *the ballistic missile forces; and*
3 “(C) *the development of the nuclear and*
4 *missile forces since the preceding year.*

5 “(c) *FORM.—Each report under subsection (a) shall be*
6 *made available in unclassified form, consistent with the*
7 *protection of intelligence sources and methods.*

8 “(d) *NONDUPLICATION OF EFFORTS.—The Secretary*
9 *of Defense may use or add to any existing reports completed*
10 *by the Secretary of Defense or Director of National Intel-*
11 *ligence to respond to the reporting requirement under sub-*
12 *section (a).*

13 “(e) *DEFINITIONS.—In this section:*

14 “(1) *The term ‘conventional forces’ means, with*
15 *respect to a covered country, military forces designed*
16 *to conduct operations in sea, air, space, cyberspace,*
17 *the electromagnetic spectrum, or land, other than un-*
18 *conventional forces, ballistic forces, and cruise missile*
19 *forces.*

20 “(2) *The term ‘covered country’ means each of*
21 *the following:*

22 “(A) *China.*

23 “(B) *Iran.*

24 “(C) *North Korea.*

25 “(D) *Russia.*

1 “(3) *The term ‘unconventional forces’, with re-*
2 *spect to a covered country—*

3 “(A) *means forces that carry out missions*
4 *typically associated with special operations*
5 *forces; and*

6 “(B) *includes any organization that—*

7 “(i) *has been designated by the Sec-*
8 *retary of State as a foreign terrorist organi-*
9 *zation under section 219 of the Immigration*
10 *and Nationality Act (8 U.S.C. 1189); or*

11 “(ii) *has been assessed by the Secretary*
12 *of Defense as being willing to act under the*
13 *control or at the direction of such covered*
14 *country.”.*

15 (b) *CLERICAL AMENDMENT.—The table of contents for*
16 *chapter 23 of title 10, United States Code, is amended by*
17 *inserting after the item related to section 486 the following*
18 *item:*

 “487. *Public report on military capabilities of covered countries.”.*

19 **SEC. 1206. SECURITY COOPERATION PROGRAMS WITH FOR-**
20 **EIGN PARTNERS TO ADVANCE WOMEN,**
21 **PEACE, AND SECURITY.**

22 (a) *IN GENERAL.—Subchapter V of chapter 16 of title*
23 *10, United States Code, is amended by adding at the end*
24 *the following new section:*

1 **“§ 353. Women, peace, and security programs**

2 “(a) *IN GENERAL.*—*The Secretary of Defense, with the*
3 *concurrence of the Secretary of State, may conduct or sup-*
4 *port security cooperation programs and activities involving*
5 *the national military or national-level security forces of a*
6 *foreign country or other covered personnel to advise, train,*
7 *and educate such forces or such other covered personnel with*
8 *respect to—*

9 “(1) *the recruitment, employment, development,*
10 *retention, promotion, and meaningful participation*
11 *in decision making of women and underrepresented*
12 *groups;*

13 “(2) *sexual harassment, sexual assault, domestic*
14 *abuse, and other forms of sexual and gender-based vi-*
15 *olence that disproportionately impact women and*
16 *underrepresented groups;*

17 “(3) *the integration of gender analysis into secu-*
18 *rity sector policy, planning, exercises, and training;*

19 “(4) *the requirements of women and underrep-*
20 *resented groups, including providing appropriate gen-*
21 *der sensitive equipment and facilities;*

22 “(5) *the development of educational curriculum*
23 *on women, peace, and security within professional*
24 *military education programming and other security*
25 *forces training;*

1 “(6) *the establishment, training, and develop-*
2 *ment of gender advisory workforces within women,*
3 *peace, and security programs; and*

4 “(7) *the implementation of activities described in*
5 *this subsection.*

6 “(b) *PAYMENT OF EXPENSES FOR ADVANCEMENT OF*
7 *OBJECTIVES.—The Secretary of Defense may pay for the*
8 *travel, transportation, and subsistence expenses of national*
9 *military and national-level security forces of a foreign*
10 *country or other covered personnel that the Secretary con-*
11 *siders necessary for the advancement of the objectives of this*
12 *section.*

13 “(c) *OTHER COVERED PERSONNEL DEFINED.—In this*
14 *section, the term ‘other covered personnel’ means personnel*
15 *of—*

16 “(1) *the ministry of defense, or a governmental*
17 *entity with a similar function, of a foreign country;*

18 “(2) *a regional organization with a security*
19 *mission;*

20 “(3) *personnel of a friendly foreign government*
21 *other than personnel of national security forces; or*

22 “(4) *personnel of a non-governmental organiza-*
23 *tion.”.*

24 “(b) *CLERICAL AMENDMENT.—The table of sections at*
25 *the beginning of subchapter V of chapter 16 of title 10,*

1 *United States Code, is amended by adding at the end the*
2 *following new item:*

“353. Women, peace, and security programs.”.

3 *(c) WOMEN, PEACE, AND SECURITY CURRICULA FOR*
4 *PRE-COMMISSIONING EDUCATION PROGRAMS AND JOINT*
5 *PROFESSIONAL MILITARY EDUCATION.—*

6 *(1) INTEGRATION OF WOMEN, PEACE, AND SECUR-*
7 *ITY CURRICULA.—The Secretary of Defense shall de-*
8 *velop a plan to incorporate women, peace, and secu-*
9 *urity studies as a component of the core curricula of*
10 *pre-commissioning education programs and joint pro-*
11 *fessional military education programs to further im-*
12 *plementation of the Women, Peace, and Security Act*
13 *of 2017 (Public Law 115–68; 22 U.S.C. 2151 note),*
14 *including an analysis of the resources needed to de-*
15 *velop a standardized women, peace, and security cur-*
16 *riculum.*

17 *(2) REPORT.—Not later than one year after the*
18 *date of the enactment of this Act, the Secretary of De-*
19 *fense shall submit to the appropriate congressional*
20 *committees a report detailing the plan developed*
21 *under paragraph (1).*

22 *(3) BRIEFING.—Not later than 180 days after*
23 *the date of the enactment of this Act, the Secretary of*
24 *Defense shall brief the appropriate congressional com-*

1 *mittees on the report under paragraph (2) detailing*
2 *the plan developed under paragraph (1).*

3 (4) *DEFINITIONS.—In this subsection:*

4 (A) *The term “appropriate congressional*
5 *committees” means—*

6 (i) *the Committee on Armed Services*
7 *and the Committee on Foreign Affairs of the*
8 *House of Representatives; and*

9 (ii) *the Committee on Armed Services*
10 *and the Committee on Foreign Relations of*
11 *the Senate.*

12 (B) *The term “joint professional military*
13 *education program” means a program or course*
14 *of instruction established pursuant to a provi-*
15 *sion of chapter 107 of title 10, United States*
16 *Code.*

17 (C) *The term “pre-commissioning education*
18 *program” means a program or course of instruc-*
19 *tion established for—*

20 (i) *the United States Military Acad-*
21 *emy;*

22 (ii) *the United States Naval Academy;*
23 *or*

24 (iii) *the United States Air Force Acad-*
25 *emy.*

1 (d) *PLAN FOR DEVELOPMENT AND MANAGEMENT OF*
2 *GENDER ADVISOR WORKFORCE.*—

3 (1) *PLAN REQUIRED.*—*The Secretary of Defense*
4 *shall develop and implement a plan to standardize*
5 *the role and duties of the gender advisor workforce of*
6 *the Department of Defense responsible for supporting*
7 *the implementation of the Women, Peace, and Secu-*
8 *rity Act of 2017 (Public Law 115–68; 22 U.S.C. 2151*
9 *note).*

10 (2) *ELEMENTS.*—*The plan required by para-*
11 *graph (1) shall consist of such elements relating to the*
12 *development and management of the gender advisor*
13 *workforce, including an assessment of—*

14 (A) *the funds, resources, and authorities*
15 *needed to establish and develop the gender advi-*
16 *sor role into a full-time, billeted, and resourced*
17 *position across organizations within the Depart-*
18 *ment of Defense, including the military depart-*
19 *ments, Armed Forces, the combatant commands,*
20 *and defense agencies and field activities;*

21 (B) *the actions the Secretary will take to*
22 *develop and standardize position descriptions of*
23 *the gender advisor workforce, including gender*
24 *advisors and gender focal points, across organi-*
25 *zations within the Department;*

1 (C) the Department's existing training pro-
2 grams for gender advisors and gender focal
3 points, including the creation and funding of a
4 credentialing program for gender advisors to fos-
5 ter the development of a professionalized cadre of
6 gender advisors.

7 (D) a self-assessment of the Department's
8 progress in implementing a fully trained cadre
9 of gender advisors appropriately placed within
10 the Department and a plan to address any gaps
11 or deficiencies; and

12 (E) the actions the Secretary will carry out
13 for incorporating the total amount of expendi-
14 tures and proposed appropriations necessary to
15 support the program, projects, and activities of
16 the gender advisor workforce into future years
17 defense program submissions to Congress.

18 (3) *REPORT.*—Not later than one year after the
19 date of the enactment of this Act, the Secretary of De-
20 fense shall submit to the appropriate congressional
21 committees a report detailing the Secretary's progress
22 in implementing the plan required by paragraph (1).

23 (4) *DEFINITIONS.*—In this subsection—

24 (A) the term “appropriate congressional
25 committees” means—

1 (i) the Committee on Armed Services
2 and the Committee on Foreign Affairs of the
3 House of Representatives; and

4 (ii) the Committee on Armed Services
5 and the Committee on Foreign Relations of
6 the Senate; and

7 (B) the term “gender advisor workforce”
8 means all gender advisors and gender focal
9 points across the Department of Defense.

10 ***Subtitle B—Matters Relating to***
11 ***Afghanistan and Pakistan***

12 ***SEC. 1211. EXTENSION AND MODIFICATION OF THE AFGHAN***
13 ***SPECIAL IMMIGRANT VISA PROGRAM.***

14 Section 602(b)(3)(F) of the Afghan Allies Protection
15 Act of 2009 (8 U.S.C. 1101 note) is amended—

16 (1) in the heading, by striking “2022” and insert-
17 ing “2023”; and

18 (2) in clause (ii), by striking “2023” and insert-
19 ing “2024”.

20 ***SEC. 1212. ADDITIONAL MATTERS FOR INCLUSION IN RE-***
21 ***PORTS ON OVERSIGHT IN AFGHANISTAN.***

22 Section 1069(a) of the National Defense Authorization
23 Act for Fiscal Year 2022 (Public Law 117–81; 135 Stat.
24 1912) is amended—

1 (1) by redesignating paragraphs (9) through (16)
2 as paragraphs (12) through (19), respectively;

3 (2) by inserting after paragraph (8) the fol-
4 lowing new paragraphs:

5 “(9) An assessment of the status of—

6 “(A) defense intelligence assets dedicated to
7 Afghanistan; and

8 “(B) the ability of the United States to de-
9 tect emerging threats emanating from Afghani-
10 stan against the United States and former coali-
11 tion partners.

12 “(10) An assessment of local or indigenous
13 counterterrorism partners of the Department of De-
14 fense.

15 “(11) An assessment of risks to the mission and
16 risks to United States personnel involved in over-the-
17 horizon counterterrorism options.”; and

18 (3) in paragraph (16), as so redesignated, by
19 striking “Afganistan” and inserting “Afghanistan”.

20 **SEC. 1213. PROHIBITION ON TRANSPORTING CURRENCY TO**
21 **THE TALIBAN AND THE ISLAMIC EMIRATE OF**
22 **AFGHANISTAN.**

23 None of the amounts authorized to be appropriated by
24 this Act or otherwise made available to the Department of
25 Defense may be made available for the operation of any

1 *aircraft of the Department of Defense to transport currency*
2 *or other items of value to the Taliban, the Islamic Emirate*
3 *of Afghanistan, or any subsidiary, agent, or instrumen-*
4 *tality of either the Taliban or the Islamic Emirate of Af-*
5 *ghanistan.*

6 ***Subtitle C—Matters Relating to***
7 ***Syria, Iraq, and Iran***

8 ***SEC. 1221. EXTENSION OF AUTHORITY TO PROVIDE ASSIST-***
9 ***ANCE TO VETTED SYRIAN GROUPS AND INDI-***
10 ***VIDUALS.***

11 *(a) IN GENERAL.—Subsection (a) of section 1209 of*
12 *the Carl Levin and Howard P. “Buck” McKeon National*
13 *Defense Authorization Act of Fiscal Year 2015 (Public Law*
14 *113–291; 128 Stat. 3451) is amended by striking “Decem-*
15 *ber 31, 2022” and inserting “December 31, 2023”.*

16 *(b) EXTENSION OF WAIVER AUTHORITY.—Subsection*
17 *(l)(3)(D) of such section is amended by striking “December*
18 *31, 2022” and inserting “December 31, 2023”.*

19 ***SEC. 1222. EXTENSION AND MODIFICATION OF AUTHORITY***
20 ***TO PROVIDE ASSISTANCE TO COUNTER THE***
21 ***ISLAMIC STATE OF IRAQ AND SYRIA.***

22 *(a) IN GENERAL.—Subsection (a) of section 1236 of*
23 *the Carl Levin and Howard P. “Buck” McKeon National*
24 *Defense Authorization Act for Fiscal Year 2015 (Public*

1 *Law 113–291; 128 Stat. 3558) is amended by striking “De-*
2 *cember 31, 2022” and inserting “December 31, 2023”.*

3 (b) *FUNDING.—Subsection (g) of such section is*
4 *amended—*

5 (1) *by striking “fiscal year 2022” and inserting*
6 *“fiscal year 2023”; and*

7 (2) *by striking “\$322,500,000” and inserting*
8 *“\$358,015,000”.*

9 (c) *EXTENSION OF WAIVER AUTHORITY.—Subsection*
10 *(o)(5) of such section is amended by striking “December 31,*
11 *2022” and inserting “December 31, 2023”.*

12 (d) *LIMITATION ON AVAILABILITY OF FUNDS.—Of the*
13 *amount of funds made available for fiscal year 2022 (and*
14 *available for obligation as of the date of the enactment of*
15 *this Act) and fiscal year 2023 to carry out section 1236*
16 *of the Carl Levin and Howard P. “Buck” McKeon National*
17 *Defense Authorization Act for Fiscal Year 2015 (Public*
18 *Law 113-291; 128 Stat. 3558), not more than 50 percent*
19 *may be obligated or expended until the date on which the*
20 *Secretary of Defense submits to the appropriate congres-*
21 *sional committees the report required by section 1223(f) of*
22 *the National Defense Authorization Act for Fiscal Year*
23 *2022 (Public Law 117–81).*

1 **SEC. 1223. EXTENSION OF AUTHORITY TO SUPPORT OPER-**
2 **ATIONS AND ACTIVITIES OF THE OFFICE OF**
3 **SECURITY COOPERATION IN IRAQ.**

4 (a) *SOURCE OF FUNDS.*—Subsection (d) of section
5 1215 of the National Defense Authorization Act for Fiscal
6 Year 2012 (10 U.S.C. 113 note) is amended by striking “fis-
7 cal year 2022” and inserting “fiscal year 2023”.

8 (b) *LIMITATION ON AVAILABILITY OF FUNDS.*—Of the
9 funds authorized to be appropriated by this Act or otherwise
10 made available for fiscal year 2023 for the Office of the Sec-
11 retary of the Army, the Office of the Secretary of the Navy,
12 and the Office of the Secretary of the Air Force for travel
13 expenses, not more than 65 percent may be obligated or ex-
14 pended until the date on which a staffing plan for the Office
15 of Security Cooperation in Iraq is completed.

16 **SEC. 1224. EXTENSION AND MODIFICATION OF REPORT ON**
17 **THE MILITARY CAPABILITIES OF IRAN AND**
18 **RELATED ACTIVITIES.**

19 Subsection (a) of section 1227 of the National Defense
20 Authorization Act for Fiscal Year 2022 (Public Law 117-
21 81; 135 Stat. 1972) is amended—

22 (1) in the matter preceding paragraph (1)—

23 (A) by inserting “and annually thereafter
24 for 1 year” after “enactment of this Act”; and

1 (B) by inserting “, consistent with the pro-
2 tection of intelligence sources and methods,” after
3 “Director of National Intelligence”; and
4 (2) in paragraph (1)(D), by inserting “*Hamas,*
5 *Palestinian Islamic Jihad, Popular Front for the*
6 *Liberation of Palestine,*” after “*Lebanese Hezbollah,*”.

7 **SEC. 1225. PROHIBITION ON TRANSFERS TO IRAN.**

8 None of the amounts authorized to be appropriated by
9 this Act or otherwise made available to the Department of
10 Defense may be made available to transfer or facilitate a
11 transfer of pallets of currency, currency, or other items of
12 value to the Government of Iran, any subsidiary of such
13 Government, or any agent or instrumentality of Iran.

14 ***Subtitle D—Matters Relating to***
15 ***Russia***

16 **SEC. 1231. EXTENSION OF LIMITATION ON MILITARY CO-**
17 **OPERATION BETWEEN THE UNITED STATES**
18 **AND RUSSIA.**

19 Section 1232(a) of the National Defense Authorization
20 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
21 2488), is amended by striking “2021, or 2022” and insert-
22 ing “2021, 2022, or 2023”.

1 **SEC. 1232. MODIFICATION AND EXTENSION OF UKRAINE SE-**
2 **CURITY ASSISTANCE INITIATIVE.**

3 (a) *AUTHORITY TO PROVIDE ASSISTANCE.*—Sub-
4 section (a) of section 1250 of the National Defense Author-
5 ization Act for Fiscal Year 2016 (Public Law 114–92; 129
6 Stat. 1068) is amended by inserting “salaries and stipends,
7 and sustainment” after “supplies and services,”.

8 (b) *AVAILABILITY OF FUNDS.*—Subsection (c) of such
9 section is amended—

10 (1) in paragraph (1), by striking “funds avail-
11 able for fiscal year 2022 pursuant to subsection
12 (f)(7)” and inserting “funds available for fiscal year
13 2023 pursuant to subsection (f)(8)”;

14 (2) in paragraph (3), by striking “fiscal year
15 2022” and inserting “fiscal year 2023”;

16 (3) in paragraph (5), by striking “Of the funds
17 available for fiscal year 2022 pursuant to subsection
18 (f)(7)” and inserting “Of the funds available for fiscal
19 year 2023 pursuant to subsection (f)(8)”;

20 (4) by adding at the end the following:

21 “(6) *WAIVER OF CERTIFICATION REQUIRE-*
22 *MENT.*—The Secretary of Defense may waive the cer-
23 tification requirement in paragraph (2) if the Sec-
24 retary submits to the congressional defense commit-
25 tees, the Committee on Foreign Relations of the Sen-
26 ate, and the Committee on Foreign Affairs of the

1 *House of Representatives a written certification, not*
2 *later than 5 days of exercising the waiver, that doing*
3 *so is in the national interest of the United States due*
4 *to exigent circumstances caused by the Russian inva-*
5 *sion of Ukraine.”.*

6 (c) *UNITED STATES INVENTORY AND OTHER*
7 *SOURCES.—Subsection (d) of such section is amended—*

8 (1) *in paragraph (1), by inserting “, and to re-*
9 *cover or dispose of such weapons or other defense arti-*
10 *cles, or to make available such weapons or articles to*
11 *ally and partner governments to replenish comparable*
12 *stocks which ally or partner governments have pro-*
13 *vided to the Government of Ukraine,” after “and de-*
14 *fense services”; and*

15 (2) *by adding at the end the following:*

16 “(3) *CONGRESSIONAL NOTIFICATION.—Not later*
17 *than 10 days before providing replenishment to an*
18 *ally or partner government pursuant to paragraph*
19 *(1), the Secretary of Defense shall transmit to the con-*
20 *gressional defense committees, the Committee on For-*
21 *oreign Relations of the Senate, and the Committee on*
22 *Foreign Affairs of the House of Representatives a no-*
23 *tification containing the following:*

24 “(A) *An identification of the recipient for-*
25 *eign country.*

1 “(B) A detailed description of the articles to
2 be provided, including the amount, dollar value,
3 origin, and capabilities associated with the arti-
4 cles.

5 “(C) A detailed description of the articles
6 provided to Ukraine to be replenished, including
7 the amount, dollar value, origin, and capabilities
8 associated with the articles.

9 “(D) The impact on United States stocks
10 and readiness of transferring the articles.

11 “(E) An assessment of any security, intel-
12 lectual property, or end use monitoring issues
13 associated with transferring the articles.

14 “(F) A description, including relevant dol-
15 lar value amounts, of the articles provided to
16 Ukraine by the recipient country which are
17 being replenished.

18 “(G) A certification that the transfer of the
19 articles in the national security interest of the
20 United States, and a justification for that deter-
21 mination.”.

22 (d) FUNDING.—Subsection (f) of such section is
23 amended by adding at the end the following:

24 “(8) For fiscal year 2023, \$1,000,000,000.”.

1 (e) *TERMINATION OF AUTHORITY.*—Subsection (h) of
2 such section is amended by striking “December 31, 2023”
3 and inserting “December 31, 2024”.

4 (f) *WAIVER OF CERTIFICATION REQUIREMENT.*—Such
5 section is amended—

6 (1) by redesignating the second subsection (g) as
7 subsection (i); and

8 (2) by adding at the end the following:

9 “(j) *EXPEDITED NOTIFICATION REQUIREMENT.*—Not
10 later than 15 days before providing assistance or support
11 under subsection (a), or as far in advance as is practicable
12 if the Secretary of Defense determines, on a case-by-case
13 basis, that extraordinary circumstances exist that impact
14 the national security of the United States, the Secretary
15 shall transmit to the congressional defense committees, the
16 Committee on Foreign Relations of the Senate, and the
17 Committee on Foreign Affairs of the House of Representa-
18 tives a notification containing a detailed description of the
19 assistance or support to be provided, including—

20 “(1) the objectives of such assistance or support;

21 “(2) the budget for such assistance or support;

22 and

23 “(3) the expected or estimated timeline for deliv-
24 ery of such assistance or support.”.

1 **SEC. 1233. PROHIBITION ON AVAILABILITY OF FUNDS RE-**
2 **LATING TO SOVEREIGNTY OF RUSSIA OVER**
3 **CRIMEA.**

4 (a) *PROHIBITION.*—None of the funds authorized to be
5 appropriated by this Act or otherwise made available for
6 fiscal year 2023 for the Department of Defense may be obli-
7 gated or expended to implement any activity that recognizes
8 the sovereignty of Russia over Crimea.

9 (b) *WAIVER.*—The Secretary of Defense, with the con-
10 currence of the Secretary of State, may waive the restriction
11 on the obligation or expenditure of funds required by sub-
12 section (a) if the Secretary of Defense—

13 (1) *determines that to do so is in the national*
14 *security interest of the United States; and*

15 (2) *submits a notification of the waiver, at the*
16 *time the waiver is invoked, to the Committee on*
17 *Armed Services and the Committee on Foreign Affairs*
18 *of the House of Representatives and the Committee on*
19 *Armed Services and the Committee on Foreign Rela-*
20 *tions of the Senate.*

21 **SEC. 1234. ASSESSMENT OF RUSSIAN STRATEGY IN**
22 **UKRAINE.**

23 (a) *IN GENERAL.*—Not later than 180 days after the
24 date of the enactment of this Act, the Secretary of Defense
25 shall submit to the appropriate congressional committees an
26 assessment of the strategic, operational, and organizational

1 *strengths and weaknesses of the Russian Federation’s mili-*
2 *tary strategy for the invasion and occupation of Ukraine,*
3 *including an assessment of efforts and sources of leverage*
4 *that could be used to exploit the weaknesses in that strategy*
5 *as part of the effort to provide assistance to Ukraine.*

6 (b) *MATTERS TO BE INCLUDED.—The assessment of*
7 *Russia’s military strategy required by subsection (a) shall*
8 *include at a minimum a description of the following:*

9 (1) *Strategic strengths and weaknesses.*

10 (2) *Operational strengths and weaknesses.*

11 (3) *Organizational and logistical strengths and*
12 *weaknesses.*

13 (4) *Strengths and weaknesses related to Russian*
14 *employment of Russia’s Federal Security Service*
15 *(FSB), national guard, and reserve units.*

16 (c) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*
17 *this section, the term “appropriate congressional commit-*
18 *tees” means—*

19 (1) *the congressional defense committees;*

20 (2) *the Permanent Select Committee on Intel-*
21 *ligence and the Committee on Foreign Affairs of the*
22 *House of Representatives; and*

23 (3) *the Select Committee on Intelligence and the*
24 *Committee on Foreign Relations of the Senate.*

1 (d) *MODIFICATION TO ANNUAL REPORT ON MILITARY*
2 *AND SECURITY DEVELOPMENTS INVOLVING THE RUSSIAN*
3 *FEDERATION.*—Section 1234 of the National Defense Au-
4 *thorization Act for Fiscal Year 2021 (134 Stat. 3936) is*
5 *amended—*

6 (1) *in subsection (b)—*

7 (A) *by redesignating paragraph (24) as*
8 *paragraph (25); and*

9 (B) *by inserting after paragraph (23) the*
10 *following:*

11 “(24) *The impacts of United States sanctions on*
12 *improvements to the Russian military and its prox-*
13 *ies, including an assessment of the impacts of the*
14 *maintenance or revocation of such sanctions.”; and*

15 (2) *in subsection (e)—*

16 (A) *in paragraph (1), by inserting “, the*
17 *Permanent Select Committee on Intelligence,”*
18 *after “the Committee on Armed Services”; and*

19 (B) *in paragraph (2), by inserting “, the*
20 *Select Committee on Intelligence,” after “the*
21 *Committee on Armed Services”.*

1 **SEC. 1235. REPORT ON EFFORTS BY THE RUSSIAN FEDERA-**
2 **TION TO EXPAND ITS PRESENCE AND INFLU-**
3 **ENCE IN LATIN AMERICA AND THE CARIB-**
4 **BEAN.**

5 (a) *REPORT.*—Not later than June 30, 2023, the Sec-
6 retary of State, in coordination with the Secretary of De-
7 fense and the Director of National Intelligence and in con-
8 sultation with the heads of other appropriate Federal de-
9 partments and agencies, as necessary, shall submit to the
10 appropriate congressional committees a report that identi-
11 fies efforts by the Government of the Russian Federation
12 to expand its presence and influence in Latin America and
13 the Caribbean through diplomatic, military, intelligence,
14 and other means, and describes the implications of such ef-
15 forts on the national defense and security interests of the
16 United States.

17 (b) *ELEMENTS.*—The report required by subsection (a)
18 shall include the following:

19 (1) *An identification of—*

20 (A) *the countries of Latin America and the*
21 *Caribbean with which the Government of the*
22 *Russian Federation maintains especially close*
23 *diplomatic, military, and intelligence relation-*
24 *ships;*

25 (B) *the number and content of strategic*
26 *partnership agreements or similar agreements,*

1 *including any non-public, secret, or informal*
2 *agreements, that the Government of the Russian*
3 *Federation has established with countries and re-*
4 *gional organizations of Latin America and the*
5 *Caribbean;*

6 *(C) the countries of Latin America and the*
7 *Caribbean to which the Government of the Rus-*
8 *sian Federation provides foreign assistance or*
9 *disaster relief (including access to COVID–19*
10 *vaccines), including a description of the amount*
11 *and purpose of, and any conditions attached to,*
12 *such assistance;*

13 *(D) recent visits by senior officials of the*
14 *Government of the Russian Federation, includ-*
15 *ing its state-owned or state-directed enterprises,*
16 *to Latin America and the Caribbean, and visits*
17 *by senior officials from Latin America and the*
18 *Caribbean to the Russian Federation; and*

19 *(E) the existence of any defense exchanges,*
20 *military or police education or training, and ex-*
21 *ercises between any military or police organiza-*
22 *tion of the Government of the Russian Federa-*
23 *tion and military, police, or security-oriented or-*
24 *ganizations of countries of Latin America and*

1 *the Caribbean, including port visits by the Rus-*
2 *sian Navy.*

3 *(2) A detailed description of—*

4 *(A) the impact Russia’s war in Ukraine has*
5 *or may have on its diplomatic, military, and in-*
6 *telligence activities in Latin America and the*
7 *Caribbean;*

8 *(B) the relationship between the Govern-*
9 *ment of the Russian Federation and the Govern-*
10 *ments of Venezuela, Cuba, Nicaragua, and Bo-*
11 *livia;*

12 *(C) attempts by the Government of the Rus-*
13 *sian Federation to develop relations with the*
14 *Governments of Brazil and Argentina, two coun-*
15 *tries whose leaders met with Russian President*
16 *Vladimir Putin in Moscow shortly before the in-*
17 *vasion of Ukraine;*

18 *(D) military installations, assets, and ac-*
19 *tivities of the Government of the Russian Federa-*
20 *tion in Latin America and the Caribbean that*
21 *currently exist or are planned for the future, in-*
22 *cluding the size, location, and purpose of any de-*
23 *ployed Russian Federation Armed Forces or se-*
24 *curity contractors associated with the Russian*
25 *Federation;*

1 (E) the purpose of and operations ema-
2 nating from the Russian Federation's operations
3 center in Managua, Nicaragua;

4 (F) the Russian Federation's subversion of
5 United States sanctions on Venezuela's oil sector;

6 (G) the Russian Federation's involvement
7 in the border dispute between Venezuela and
8 Guyana;

9 (H) sales or transfers of defense articles and
10 services by the Russian Federation to countries
11 of Latin America and the Caribbean;

12 (I) any other form of military or security
13 cooperation or assistance between the Govern-
14 ment of the Russian Federation or its associated
15 paramilitary organizations, and paramilitary
16 organizations and countries in Latin America
17 and the Caribbean;

18 (J) the nature, extent, and purpose of the
19 Government of the Russian Federation's intel-
20 ligence activities in Latin America and the Car-
21 ibbean;

22 (K) the role of the Government of the Rus-
23 sian Federation in transnational crime in Latin
24 America and the Caribbean, including drug traf-
25 ficking, money laundering, and organized crime;

1 (L) *the methods by which the Government of*
2 *the Russian Federation expands its influence*
3 *through support to transnational criminal orga-*
4 *nizations in Latin America and the Caribbean;*
5 *and*

6 (M) *efforts by the Government of the Rus-*
7 *sian Federation to build its media presence*
8 *through government-directed disinformation,*
9 *misinformation, or information warfare cam-*
10 *paigns in Latin America and the Caribbean, in-*
11 *cluding attempts to influence electoral outcomes,*
12 *realize military objectives, or destabilize govern-*
13 *ments.*

14 (3) *An assessment of—*

15 (A) *the specific objectives that the Govern-*
16 *ment of the Russian Federation seeks to achieve*
17 *by expanding its presence and influence in Latin*
18 *America and the Caribbean, including any objec-*
19 *tives articulated in official documents or state-*
20 *ments;*

21 (B) *the degree to which the Government of*
22 *the Russian Federation uses its presence and in-*
23 *fluence in Latin America and the Caribbean to*
24 *encourage, pressure, or coerce governments in the*
25 *region to support its defense and national secu-*

1 *rity goals, including policy positions taken by*
2 *the Government of the Russian Federation at*
3 *international institutions;*

4 *(C) how the Russian Federation uses multi-*
5 *lateral organizations, in particular the Commu-*
6 *nity of Latin American and Caribbean States*
7 *(CELAC), a regional organization that excludes*
8 *the United States, to expand its presence and in-*
9 *fluence in Latin America and the Caribbean;*
10 *and*

11 *(D) the specific actions and activities un-*
12 *dertaken by the Government of the Russian Fed-*
13 *eration in Latin America and the Caribbean*
14 *that present the greatest threats or challenges to*
15 *the United States' defense and national security*
16 *interests in the region.*

17 *(4) Any other matters the Secretary of State de-*
18 *termines is appropriate.*

19 *(c) FORM.—The report required by subsection (a) shall*
20 *be submitted in unclassified form without any designation*
21 *relating to dissemination control, but may include a classi-*
22 *fied annex. The report and its classified annex shall be pre-*
23 *pared consistent with the protection of intelligence sources*
24 *and methods.*

1 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
2 *FINED.*—*In this section, the term “appropriate congres-*
3 *sional committees” means—*

4 (1) *the congressional defense committees; and*

5 (2) *the Committee on Foreign Relations and the*
6 *Select Committee on Intelligence of the Senate and the*
7 *Committee on Foreign Affairs and the Permanent Se-*
8 *lect Committee on Intelligence of the House of Rep-*
9 *resentatives.*

10 ***Subtitle E—Matters Relating to***
11 ***Europe and NATO***

12 ***SEC. 1261. SENSE OF CONGRESS ON UNITED STATES DE-***
13 ***FENSE POSTURE IN EUROPE FOLLOWING THE***
14 ***FURTHER INVASION OF UKRAINE.***

15 *It is the sense of Congress as follows:*

16 (1) *The further invasion of Ukraine presents a*
17 *sea change to the security environment in Europe*
18 *that requires a long-term shift in the force posture of*
19 *the United States and its allies, in order to ensure the*
20 *maintenance of collective deterrence. As General*
21 *Milley, Chairman of the Joint Chiefs, recently noted,*
22 *“We are witness to the greatest threat to peace and*
23 *security of Europe and perhaps the world in my 42*
24 *years of service in uniform. The Russian invasion of*
25 *Ukraine is threatening to undermine not only Euro-*

1 *pean peace and stability but global peace and sta-*
2 *bility. . . . We are at a pivot point in the geostrategic*
3 *history of Europe and perhaps the globe.”.*

4 *(2) Adjustments to force posture in Europe must*
5 *be commensurate to this challenge. Alongside allied*
6 *investments, it is necessary for the United States to*
7 *alter its force posture to establish additional perma-*
8 *nently stationed and continuous rotational forces*
9 *along Europe’s eastern flank. Given the current condi-*
10 *tions, it would be untenable for the United States to*
11 *seek to revert to United States force levels and posi-*
12 *tioning present in Europe before Russia’s further in-*
13 *vasion of Ukraine, to rely solely on allied forces for*
14 *further force posture enhancements, or adopt a path*
15 *to transition away from investments in Europe*
16 *through the European Deterrence Initiative (EDI),*
17 *except for exceptional cases.*

18 *(3) As General Tod Wolters, Commander of U.S.*
19 *European Command, has stated, investments made*
20 *through EDI since 2014 have proved essential to the*
21 *United States ability to respond to the Ukraine crisis,*
22 *deploying units in 5 days that would have taken as*
23 *long as 21 days. General Wolters further stated, “To*
24 *take an Armored Brigade Combat Team and launch*
25 *it from the continental United States, and put it on*

1 *European turf, and have the tanks that comprise that*
2 *Brigade Combat Team to shoot, move, and commu-*
3 *nicate and fire on range in one week is an amazing*
4 *accomplishment. And that was facilitated by those*
5 *Army Prepositioned Stocks and it was practiced in*
6 *previous exercises which are part of the EDI fund. I*
7 *would just say that when we demonstrated to the Eu-*
8 *ropean community, and to the NATO community,*
9 *and to the world how well we can shoot, move, and*
10 *communicate and transition a large force from*
11 *CONUS to Europe at that pace, it's something that*
12 *demonstrates the great value of EDI."*

13 *(4) Past decisions made by the Department of*
14 *Defense and Congress about prepositioned stocks, mo-*
15 *bility, and funding for EDI led directly to this abil-*
16 *ity to quickly reinforce the area of operations in this*
17 *crisis, and EDI investments will be crucial for adap-*
18 *tation to the new European security environment.*
19 *The Department of Defense should continue to strong-*
20 *ly support EDI investments with a focus on adapting*
21 *deterrence to the new security environment and incor-*
22 *porating lessons learned from the conflict in Ukraine,*
23 *and it should not seek a path to EDI's sunset.*

24 *(5) The United States recognizes that strong alli-*
25 *ances and partnerships are crucial to the mainte-*

1 *nance of United States national and global security.*
2 *The NATO alliance has grown more robust and more*
3 *united in response to Russia’s aggression in Ukraine.*
4 *Members of NATO have announced substantial*
5 *changes in their defense commitments, adopting meas-*
6 *ures to meet and exceed their Wales Pledge commit-*
7 *ments to spend 2 percent of Gross Domestic Product*
8 *on defense and increasing commitments to NATO bat-*
9 *tle group and air policing missions, while sending*
10 *vital defense assistance to Ukraine. Congress com-*
11 *mends such members of NATO for their adoption and*
12 *sustainment of these efforts. Such commitments are*
13 *vital to the long-term effort required to maintain de-*
14 *terrence in the European theater. The United States*
15 *should continue to work with allies on complementary*
16 *investments to establish in Europe a mature, fully in-*
17 *tegrated deterrence platform capable of responding to*
18 *the expanded threat of Russian aggression and sup-*
19 *porting NATO allies’ ongoing efforts to collectively re-*
20 *sist direct and hybrid threats to shared values, inter-*
21 *ests, and ideals.*

22 *(6) The United States should also redouble efforts*
23 *to assist NATO allies, particularly on Europe’s east-*
24 *ern periphery, in modernizing and integrating their*
25 *defense capabilities taking into account lessons from*

1 *Russia’s war in Ukraine, including efforts to provide*
2 *artillery, MLRS, MANPADS, air defenses, and other*
3 *capabilities.*

4 *(7) As it reinforces deterrence, the United States*
5 *should recognize the acute risks now facing allies on*
6 *Russia’s periphery and pursue national security in-*
7 *vestments and strategies commensurate to the chal-*
8 *lenge, including additional EDI programs, in the*
9 *Black Sea, the Baltics, the Arctic, and Central Eu-*
10 *rope, in order to maintain the credibility of the “sa-*
11 *cred obligation under Article 5 of the North Atlantic*
12 *Treaty to defend every inch of NATO territory.”.*

13 *(8) Likewise, the United States should keep in*
14 *mind the particularly significant challenges posed to*
15 *non-NATO European partners and seek security*
16 *strategies to continue cooperation and support their*
17 *sovereign rights, while also pursuing security policies*
18 *that support stability in areas of substantial malign*
19 *effort such as the Western Balkans.*

20 *(9) The United States continues to recognize the*
21 *importance of the long-term Baltic Security Initiative*
22 *assistance plan that the Department of Defense is car-*
23 *rying out under section 333 of title 10, United States*
24 *Code, and the crucial role that such investments play*
25 *in deterring Russian aggression in that region.*

1 **SEC. 1262. SENSE OF CONGRESS ON NATO MEMBERSHIP**
2 **FOR FINLAND AND SWEDEN.**

3 *It is the sense of Congress that the United States*
4 *strongly supports membership for Finland and Sweden in*
5 *the North Atlantic Treaty Organization (NATO).*

6 **TITLE XIII—OTHER MATTERS RE-**
7 **LATING TO FOREIGN NA-**
8 **TIONS**

9 **Subtitle A—Matters Relating to the**
10 **Indo-Pacific Region**

11 **SEC. 1301. MODIFICATION TO ANNUAL REPORT ON MILI-**
12 **TARY AND SECURITY DEVELOPMENTS IN-**
13 **VOLVING THE PEOPLE’S REPUBLIC OF CHINA.**

14 *Section 1202(b) of the National Defense Authorization*
15 *Act for Fiscal Year 2000 (10 U.S.C. 113 note) is amended*
16 *as follows:*

17 *(1) In paragraph (5)—*

18 *(A) in subparagraph (B)—*

19 *(i) by striking “A summary” and in-*
20 *serting “a summary”; and*

21 *(ii) by striking “; and” at the end and*
22 *inserting a semicolon;*

23 *(B) in subparagraph (C), by striking the*
24 *period at the end and inserting “; and”; and*

25 *(C) by adding at the end the following new*
26 *subparagraph:*

1 “(D) the doctrine, capabilities, organiza-
2 tion, and operational employment of the People’s
3 Liberation Army special operations forces.”.

4 (2) In paragraph (8), by adding at the end the
5 following new subparagraph:

6 “(F) Special operations capabilities.”.

7 **SEC. 1302. SENSE OF CONGRESS ON SOUTH KOREA.**

8 *It is the sense of Congress that—*

9 (1) *South Korea continues to be a critical ally*
10 *of the United States;*

11 (2) *the presence of United States Armed Forces*
12 *in South Korea serves as a strong deterrent against*
13 *North Korean military aggression and as a critical*
14 *support platform for national security engagements*
15 *in the Indo-Pacific region;*

16 (3) *the presence of approximately 28,500 mem-*
17 *bers of the United States Armed Forces deployed to*
18 *South Korea serves not only as a stabilizing force to*
19 *the Korean peninsula but also as a reassurance to all*
20 *our allies in the region; and*

21 (4) *the United States should continue to—*

22 (A) *maintain and strengthen its bilateral*
23 *relationship with South Korea and with other*
24 *regional allies such as Japan; and*

1 (B) maintain its existing robust military
2 presence in South Korea to deter aggression
3 against the United States and its allies and
4 partners.

5 **SEC. 1303. SENSE OF CONGRESS ON TAIWAN DEFENSE RE-**
6 **LATIONS.**

7 *It is the sense of Congress that—*

8 (1) *the Taiwan Relations Act (Public Law 96-*
9 *8; 22 U.S.C. et seq.) and the Six Assurances provided*
10 *by the United States to Taiwan in July 1982 are the*
11 *foundation for United States-Taiwan relations;*

12 (2) *as set forth in the Taiwan Relations Act, the*
13 *United States decision to establish diplomatic rela-*
14 *tions with the People's Republic of China rests upon*
15 *the expectation that the future of Taiwan will be de-*
16 *termined by peaceful means, and that any effort to*
17 *determine the future of Taiwan by other than peaceful*
18 *means, including boycotts and embargoes, is of grave*
19 *concern to the United States;*

20 (3) *the increasingly coercive and aggressive be-*
21 *havior of the People's Republic of China toward Tai-*
22 *wan is contrary to the expectation of the peaceful res-*
23 *olution of the future of Taiwan;*

24 (4) *as set forth in the Taiwan Relations Act, the*
25 *capacity to resist any resort to force or other forms*

1 *of coercion that would jeopardize the security, or the*
2 *social or economic system, of the people on Taiwan*
3 *should be maintained;*

4 *(5) the United States should continue to support*
5 *the development of capable, ready, and modern de-*
6 *fense forces necessary for Taiwan to maintain a suffi-*
7 *cient self-defense capability, including by—*

8 *(A) supporting acquisition by Taiwan of*
9 *defense articles and services through foreign mili-*
10 *tary sales, direct commercial sales, and indus-*
11 *trial cooperation, with an emphasis on capabili-*
12 *ties that support the asymmetric defense strategy*
13 *of Taiwan, including anti- ship, coastal defense,*
14 *anti-armor, air defense, undersea warfare, ad-*
15 *vanced command, control, communications, com-*
16 *puters, intelligence, surveillance, and reconnais-*
17 *sance, and resilient command and control capa-*
18 *bilities;*

19 *(B) ensuring timely review of and response*
20 *to requests of Taiwan for defense articles and*
21 *services;*

22 *(C) conducting practical training and mili-*
23 *tary exercises with Taiwan that enable Taiwan*
24 *to maintain a sufficient self- defense capability,*
25 *as described in the Taiwan Relations Act;*

1 (D) exchanges between defense officials and
2 officers of the United States and Taiwan at the
3 strategic, policy, and functional levels, consistent
4 with the Taiwan Travel Act (Public Law 115-
5 135; 132 Stat. 341), especially for the purposes
6 of—

7 (i) enhancing cooperation on defense
8 planning;

9 (ii) improving the interoperability of
10 the military forces of the United States and
11 Taiwan; and

12 (iii) improving the reserve force of Tai-
13 wan;

14 (E) identifying improvements in Taiwan's
15 ability to use asymmetric military capabilities
16 to enhance its defensive capabilities, as described
17 in the Taiwan Relations Act; and

18 (F) expanding cooperation in humanitarian
19 assistance and disaster relief; and

20 (6) the United States should be committed to the
21 defense of a free and open society in the face of ag-
22 gressive efforts by the Government of the People's Re-
23 public of China to curtail or influence the free exer-
24 cise of rights and democratic franchise.

1 **SEC. 1304. SENSE OF CONGRESS AND REPORT ON UNITED**
2 **STATES SECURITY COOPERATION WITH**
3 **INDIA.**

4 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
5 *that the United States—*

6 (1) *should build upon the 2016 designation of*
7 *India as a Major Defense Partner of the United*
8 *States by seeking to improve interoperability and ac-*
9 *tively looking for opportunities for joint military ex-*
10 *ercises; and*

11 (2) *should strengthen security cooperation with*
12 *India in the Indian Ocean by—*

13 (A) *conducting high-end exercises and in-*
14 *creasing joint training exercises;*

15 (B) *expanding the geographic scope of joint*
16 *military activities between relevant United*
17 *States commands and the Indian military in the*
18 *Western Indian Ocean; and*

19 (C) *expanding military training programs*
20 *and exercises, including humanitarian assistance*
21 *and disaster relief exercises.*

22 (b) *REPORT REQUIRED.*—*Not later than March 1,*
23 *2023, the Under Secretary of Defense for Policy, in coordi-*
24 *nation with the Commander of United States Indo-Pacific*
25 *Command and the Director of the Defense Security Co-*
26 *operation Agency, shall submit to the congressional defense*

1 *committees, the Committee on Foreign Affairs of the House*
2 *of Representatives, and the Committee on Foreign Relations*
3 *of the Senate a report regarding—*

4 (1) *opportunities for deeper defense cooperation*
5 *with India;*

6 (2) *the defense relationship between the Russian*
7 *Federation and India;*

8 (3) *the defense relationship between the People’s*
9 *Republic of China and India; and*

10 (4) *the defense relationship between the United*
11 *States, Australia, Japan, and India.*

12 **SEC. 1305. MODIFICATION TO REPORT ON RESOURCING**
13 **UNITED STATES DEFENSE REQUIREMENTS**
14 **FOR THE INDO-PACIFIC REGION AND REPORT**
15 **ON ENHANCING DEFENSE COOPERATION**
16 **WITH ALLIES AND PARTNERS IN THE INDO-**
17 **PACIFIC.**

18 (a) *IN GENERAL.*—*Section 1251 of the William M.*
19 *(Mac) Thornberry National Defense Authorization Act for*
20 *Fiscal Year 2021 (Public Law 116–283) is amended in sub-*
21 *section (d)(1)(B) by amending clause (v) to read as follows:*

22 *“(v) An assessment of security coopera-*
23 *tion authorities, activities, or resources re-*
24 *quired to achieve such objectives.”.*

1 **(b) REPORT REQUIRED.**—Not later than 180 days
2 after the date of the enactment of this Act, the Commander
3 of United States Indo-Pacific Command shall submit to the
4 appropriate congressional committees a report on the feasi-
5 bility and advisability of enhancing defense cooperation
6 with allies and partners in the Indo-Pacific region that in-
7 cludes the following:

8 (1) A description of relevant cooperation between
9 key allies and leading partners in the Indo-Pacific re-
10 gion and the United States during the preceding cal-
11 endar year, including mutual visits, exercises, train-
12 ing, and equipment opportunities.

13 (2) An evaluation of the feasibility of enhancing
14 cooperation between key allies and leading partners
15 in the Indo-Pacific region on a range of activities, in-
16 cluding—

17 (A) interoperability and coordination;

18 (B) disaster and emergency response;

19 (C) enhancing maritime domain awareness
20 and maritime security;

21 (D) cyber defense and communications secu-
22 rity;

23 (E) military medical cooperation;

24 (F) virtual combined exercises and training
25 activities;

1 (G) *advancing programs for United States*
 2 *military advisors to assist in training the active*
 3 *and reserve components of key allies and leading*
 4 *partners in the Indo-Pacific region; and*

5 (H) *expanding the activities of the National*
 6 *Guard in the Indo-Pacific region.*

7 (3) *Any other matters the Commander of United*
 8 *States Indo-Pacific Command considers appropriate.*

9 (c) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
 10 *FINED.—In this section, the term “appropriate congres-*
 11 *sional committees” means—*

12 (1) *the congressional defense committees;*

13 (2) *the Committee on Foreign Affairs of the*
 14 *House of Representatives; and*

15 (3) *the Committee on Foreign Relations of the*
 16 *Senate.*

17 **SEC. 1306. REPORT ON SUPPORT AND SUSTAINMENT FOR**
 18 **CRITICAL CAPABILITIES IN THE AREA OF RE-**
 19 **SPONSIBILITY OF THE UNITED STATES INDO-**
 20 **PACIFIC COMMAND NECESSARY TO MEET**
 21 **OPERATIONAL REQUIREMENTS IN CERTAIN**
 22 **CONFLICTS WITH STRATEGIC COMPETITORS.**

23 (a) *REPORT REQUIRED.—*

24 (1) *IN GENERAL.—Not later than one year after*
 25 *the date of the enactment of this Act, the Commander*

1 *of the United States Indo-Pacific Command, in con-*
2 *sultation with the Commander of the United States*
3 *Transportation Command, the Director of the Defense*
4 *Logistics Agency, and other Federal officials that the*
5 *Commander of United States Indo-Pacific Command*
6 *determines to be appropriate, shall submit to the ap-*
7 *propriate congressional committees a report that de-*
8 *scribes the support and sustainment for critical capa-*
9 *bilities in the area of responsibility of the United*
10 *States Indo-Pacific Command that are necessary to*
11 *meet operational requirements in a conflict with a*
12 *strategic competitor of a duration that exceeds 6*
13 *months.*

14 (2) *MATTERS TO BE INCLUDED.*—*The report re-*
15 *quired by paragraph (1) shall include the following:*

16 (A) *An assessment of the posture and capa-*
17 *bilities of the current strategic force laydown of*
18 *the United States Indo-Pacific Command, in-*
19 *cluding capabilities such as—*

20 (i) *command, control, communications,*
21 *computers, cyber, intelligence, surveillance,*
22 *and reconnaissance (commonly referred to*
23 *as “C5ISR”) assets;*

24 (ii) *surface, subsurface, land, air, and*
25 *space disposition and capabilities;*

1 (iii) *strategic long-range precision*
2 *fires, missile defense, and anti-air capabili-*
3 *ties;*

4 (iv) *force protection of assets and crit-*
5 *ical infrastructure;*

6 (v) *logistics and sustainment capabili-*
7 *ties, including positioning, quantity, and*
8 *distribution of fuels; and*

9 (vi) *munitions required to meet oper-*
10 *ational requirements.*

11 (B) *A detailed assessment of any gaps in*
12 *the required capabilities described in subpara-*
13 *graph (A) relative to the requirements of the*
14 *United States Indo-Pacific Command in both*
15 *steady state and in such a conflict with a stra-*
16 *tegic competitor, including gaps in any capabili-*
17 *ties described in the report required by section*
18 *1251(d) of the National Defense Authorization*
19 *Act for Fiscal Year 2021 (Public Law 116–283).*

20 (C) *An assessment of measures required to*
21 *mitigate the gaps described in subparagraph (B)*
22 *before December 31, 2025. The assessment shall*
23 *include associated costs with enhancing United*
24 *States, allied, and partner military posture, bas-*
25 *ing, and sustainment infrastructure in the area*

1 *of responsibility of the United States Indo-Pa-*
2 *cific Command to best meet the operational re-*
3 *quirements described in subparagraph (A), in-*
4 *cluding in States, territories, and possessions of*
5 *the United States and regional allies and part-*
6 *ners.*

7 *(b) FORM.—The report required by subsection (a) shall*
8 *be submitted in unclassified form, but may include a classi-*
9 *fied annex.*

10 *(c) DEFINITIONS.—In this section—*

11 *(1) the term “appropriate congressional commit-*
12 *tees” means—*

13 *(A) the congressional defense committees;*
14 *and*

15 *(B) the Committee on Foreign Affairs of the*
16 *House of Representatives and the Committee on*
17 *Foreign Relations of the Senate; and*

18 *(2) the term “strategic competitor” means a*
19 *country labeled as a strategic competitor in the*
20 *“Summary of the 2018 National Defense Strategy of*
21 *the United States of America: Sharpening the Amer-*
22 *ican Military’s Competitive Edge”, issued by the De-*
23 *partment of Defense pursuant to section 113 of title*
24 *10, United States Code.*

1 **SEC. 1307. MODIFICATION TO PACIFIC DETERRENCE INITIA-**
2 **TIVE.**

3 *Section 1251(d) of the William M. (Mac) Thornberry*
4 *National Defense Authorization Act for Fiscal Year 2021*
5 *(Public Law 116–283; 134 Stat. 3951) is amended—*

6 *(1) by redesignating paragraph (2) as para-*
7 *graph (3); and*

8 *(2) by inserting after paragraph (1) the fol-*
9 *lowing:*

10 *“(2) SUBSEQUENT REPORT.—Not later than 15*
11 *days after the submission of the report required by*
12 *paragraph (1) for fiscal year 2024, the Commander*
13 *of the United States Indo-Pacific Command shall sub-*
14 *mit to the congressional defense committees a subse-*
15 *quent report containing a comparison of the specific*
16 *cost estimates required by items (aa) through (ff) of*
17 *paragraph (1)(B)(vi)(II) to the funding provided in*
18 *the budget of the President (submitted to Congress*
19 *pursuant to section 1105 of title 31, United States*
20 *Code) for such items for such fiscal year.”.*

21 **SEC. 1308. SEIZE THE INITIATIVE.**

22 *(a) IN GENERAL.—There shall be established in the De-*
23 *partment of Defense an initiative, to be known as the “Seize*
24 *The Initiative Fund” (referred to in this section as the*
25 *“Fund”), for the use of the Commander of United States*
26 *Indo-Pacific Command to increase the ability of covered*

1 *Armed Forces to respond to contingencies in the Indo-Pa-*
2 *cific.*

3 (b) *AUTHORIZATION OF APPROPRIATIONS.—There is*
4 *authorized to be appropriated \$1,000,000,000 for the De-*
5 *partment of Defense for fiscal year 2023 for the allowable*
6 *uses described in subsection (c).*

7 (c) *ALLOWABLE USES.—The funds authorized to be*
8 *appropriated by this section shall be used by the Com-*
9 *mander of United States Indo-Pacific Command, in con-*
10 *sultation with the Secretary of Defense and the Secretaries*
11 *of the military departments, for the following purposes:*

12 (1) *Activities to increase the presence of covered*
13 *Armed Forces west of the international dateline in the*
14 *United States Indo-Pacific Command area of respon-*
15 *sibility.*

16 (2) *Activities to improve infrastructure to en-*
17 *hance the responsiveness of covered Armed Forces west*
18 *of the international dateline in the United States*
19 *Indo-Pacific Command area of responsibility.*

20 (3) *Activities to enhance prepositioning in the*
21 *United States Indo-Pacific Command area of respon-*
22 *sibility of equipment of covered Armed Forces.*

23 (4) *Activities to enhance contingency response in*
24 *the United States Indo-Pacific Command area of re-*
25 *sponsibility.*

1 (d) *INITIAL PLAN REQUIRED.*—*The Commander of*
2 *United States Indo-Pacific Command shall, within 180*
3 *days of the enactment of this act, provide the congressional*
4 *defense committees with a plan to use funds authorized pur-*
5 *suant to this section. Such plan, to the extent practicable,*
6 *shall be consistent with other plans required to be produced*
7 *by the Commander of United States Indo-Pacific Com-*
8 *mand, including under section 1242 of the National Defense*
9 *Authorization Act for Fiscal Year 2022 (Public Law 117–*
10 *81; 135 Stat. 1978).*

11 (e) *COVERED ARMED FORCES.*—*In this section, the*
12 *term “covered Armed Force” means the following forces of*
13 *the United States:*

14 (1) *The Army.*

15 (2) *The Navy.*

16 (3) *The Marine Corps.*

17 (4) *The Air Force.*

18 (5) *The Space Force.*

19 **SEC. 1309. MODIFICATION TO CHINA MILITARY POWER RE-**
20 **PORT.**

21 Section 1202(b)(7)(B) of the *National Defense Author-*
22 *ization Act for Fiscal Year 2000 (10 U.S.C. 113 note) is*
23 *amended—*

24 (1) *by redesignating clauses (ii) and (iii) as*
25 *clauses (iii) and (iv), respectively; and*

1 (2) by inserting after clause (i) the following:

2 “(ii) the Middle East and North Afri-
3 ca, especially with respect to Iran and Chi-
4 na’s relationship with Iranian proxies such
5 as Hezbollah in Lebanon, the Houthis
6 (“Ansar Allah”) in Yemen, the Assad re-
7 gime in Syria, and Iranian-backed militias
8 in Iraq;”.

9 **SEC. 1310. MODIFICATIONS TO PUBLIC REPORTING OF CHI-**
10 **NESE MILITARY COMPANIES OPERATING IN**
11 **THE UNITED STATES.**

12 (a) *IN GENERAL.*—Section 1260H(c) of the William
13 *M. (Mac) Thornberry National Defense Authorization Act*
14 *for Fiscal Year 2021 (10 U.S.C. 113 note) is amended by*
15 *adding at the end the following sentence: “The Secretary*
16 *of Defense shall also consider information related to a Chi-*
17 *nese military company operating directly or indirectly in*
18 *the United States or any of its territories and possessions*
19 *that is provided jointly by the chairperson and ranking*
20 *member of each of the congressional defense committees in*
21 *making such determinations.”.*

22 (b) *DETERMINATION PROMPTED BY JOINT SUBMIS-*
23 *SION OF INFORMATION.*—Section 1260H of the William M.
24 *(Mac) Thornberry National Defense Authorization Act for*
25 *Fiscal Year 2021 (10 U.S.C. 113 note) is amended—*

1 (1) *by redesignating subsection (d) as subsection*
2 *(e); and*

3 (2) *by inserting after subsection (c) (as amend-*
4 *ed) the following:*

5 “(d) *DETERMINATION REQUIRED.—Not later than 30*
6 *days after receiving information described in the second*
7 *sentence of subsection (c) with respect to an entity, the Sec-*
8 *retary of Defense shall—*

9 “*(1) determine if that entity meets the criteria*
10 *for inclusion on the list required under subsection (b);*
11 *and*

12 “*(2) submit an unclassified report, without any*
13 *designation relating to dissemination control, to the*
14 *chairperson and ranking member of the committee*
15 *that provided the information with respect to such de-*
16 *termination, including whether the Secretary intends*
17 *to list such entity publicly.”.*

18 **SEC. 1311. REPORTING ON INSTITUTIONS OF HIGHER EDU-**
19 **CATION DOMICILED IN THE PEOPLE’S REPUB-**
20 **LIC OF CHINA THAT PROVIDE SUPPORT TO**
21 **THE PEOPLE’S LIBERATION ARMY.**

22 (a) *DETERMINATION.—*

23 (1) *IN GENERAL.—The Secretary of Defense, in*
24 *consultation with the Office of the Director of Na-*
25 *tional Intelligence, shall identify each entity that is*

1 *an institution of higher education domiciled in the*
2 *People's Republic of China that provides support to*
3 *the People's Liberation Army.*

4 (2) *FACTORS.—In making a determination*
5 *under paragraph (1) with respect to an entity, the*
6 *Secretary shall consider the following factors:*

7 (A) *Involvement in the implementation of*
8 *the military-civil fusion strategy of China.*

9 (B) *Participation in the defense industrial*
10 *base of China.*

11 (C) *Affiliation with the Chinese State Ad-*
12 *ministration for Science, Technology, and Indus-*
13 *try for the National Defense.*

14 (D) *Funding received from any organiza-*
15 *tion subordinate to the Central Military Com-*
16 *mission of the Chinese Communist Party.*

17 (E) *Relationship with any security, defense,*
18 *police, or within the Government of China or the*
19 *Chinese Communist Party.*

20 (F) *Any other factor the Secretary deter-*
21 *mines is appropriate.*

22 (b) *REPORT.—*

23 (1) *ANNUAL REPORT.—Not later than September*
24 *30, 2023, and annually thereafter for 5 years, the*
25 *Secretary shall submit to the appropriate congres-*

1 *sional committees a list of each entity identified pur-*
2 *suant to subsection (a) in classified and unclassified*
3 *forms, and shall include in such submission, as appli-*
4 *cable, an explanation of any entities deleted from*
5 *such list with respect to a prior list.*

6 (2) *CONCURRENT PUBLICATION.—Concurrent*
7 *with the submission of each list described in para-*
8 *graph (1), the Secretary shall publish the unclassified*
9 *portion of such list in the Federal Register.*

10 (3) *ONGOING REVISIONS.—The Secretary, in con-*
11 *sultation with the Office of the Director of National*
12 *Intelligence, shall make additions or deletions to the*
13 *most recent list submitted under paragraph (1) on an*
14 *ongoing basis based on the latest information avail-*
15 *able.*

16 (4) *APPROPRIATE CONGRESSIONAL COMMITTEES*
17 *DEFINED.—In this subsection, the term “appropriate*
18 *congressional committees” means—*

19 (A) *the Committee on Armed Services and*
20 *the Select Committee on Intelligence of the Sen-*
21 *ate; and*

22 (B) *the Committee on Armed Services and*
23 *the Permanent Select Committee on Intelligence*
24 *of the House of Representatives.*

1 (c) *PEOPLE’S LIBERATION ARMY DEFINED.*—*In this*
2 *section, the term “People’s Liberation Army” means the*
3 *land, naval, and air military services, the People’s Armed*
4 *Police, the Strategic Support Force, the Rocket Force, and*
5 *any other related security element within the Government*
6 *of China or the Chinese Communist Party that the Sec-*
7 *retary determines is appropriate.*

8 **SEC. 1312. SENSE OF CONGRESS ON INVITING TAIWAN TO**
9 **THE RIM OF THE PACIFIC EXERCISE.**

10 *It is the sense of Congress that the naval forces of Tai-*
11 *wan should be invited to participate in the Rim of the Pa-*
12 *cific exercise conducted in 2024.*

13 **SEC. 1313. JOINT EXERCISES WITH TAIWAN.**

14 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
15 *that—*

16 (1) *joint military exercises with Taiwan are an*
17 *important component of improving military readi-*
18 *ness and joint operability of both countries;*

19 (2) *the Commander of United States Indo-Pa-*
20 *cific Command, and other commands in the United*
21 *States Indo-Pacific Command area of responsibility,*
22 *already possess the legal authority to carry out such*
23 *exercises; and*

1 (3) *the United States should better use existing*
2 *authorities to improve the readiness and joint oper-*
3 *ability of United States and Taiwanese forces.*

4 (b) *AUTHORITY RECOGNIZED.—The Commander of*
5 *United States Indo-Pacific Command is authorized to carry*
6 *out military exercises with Taiwan that—*

7 (1) *include multiple warfare domains and make*
8 *extensive use of military common operations network*
9 *used by United States, allied, and Taiwanese forces;*

10 (2) *to the maximum extent practical, incorporate*
11 *the cooperation of 2 or more combatant and subordi-*
12 *nate unified commands; and*

13 (3) *present a complex military problem and in-*
14 *clude a force presentation of a strategic competitor.*

15 ***Subtitle B—Other Matters Relating***
16 ***to Foreign Nations***

17 ***SEC. 1331. SUPPORT OF SPECIAL OPERATIONS FOR IRREG-***
18 ***ULAR WARFARE.***

19 (a) *CODIFICATION.—*

20 (1) *IN GENERAL.—Chapter 3 of title 10, United*
21 *States Code, is amended by inserting after section*
22 *127c a new section 127d consisting of—*

23 (A) *a heading as follows:*

1 **“§ 127d. Support of special operations for irregular**
2 **warfare”**; and

3 (B) a text consisting of the text of sub-
4 sections (a) through (i) of section 1202 of the Na-
5 tional Defense Authorization Act for Fiscal Year
6 2018 (Public Law 115–91; 131 Stat. 1639).

7 (2) CLERICAL AMENDMENT.—The table of sec-
8 tions at the beginning of such chapter is amended by
9 inserting after the item relating to section 127c the
10 following new item:

“127d. Support of special operations for irregular warfare.”.

11 (b) MODIFICATION OF DOLLAR AMOUNT.—Section
12 127d of title 10, United States Code, as so amended, is fur-
13 ther amended in subsection (a) by striking “\$15,000,000”
14 and inserting “\$25,000,000”.

15 (c) CONFORMING REPEAL.—Section 1202 of the Na-
16 tional Defense Authorization Act for Fiscal Year 2018 is
17 repealed.

18 **SEC. 1332. PERMANENT EXTENSION OF AUTHORITY FOR**
19 **CERTAIN PAYMENTS TO REDRESS INJURY**
20 **AND LOSS.**

21 Section 1213(a) of the National Defense Authorization
22 Act for Fiscal Year 2020 (Public Law 116–92; 10 U.S.C.
23 2731 note) is amended by striking “During” and all that
24 follows through “December 31, 2023, not” and inserting
25 “Not”.

1 **SEC. 1333. EXTENSION OF UNITED STATES-ISRAEL CO-**
2 **OPERATION TO COUNTER UNMANNED AERIAL**
3 **SYSTEMS.**

4 *Section 1278(f) of the National Defense Authorization*
5 *Act, 2020 (Public Law 116–92; 133 Stat. 1702; 22 U.S.C.*
6 *8606 note) is amended by striking “December 31, 2024”*
7 *and inserting “December 31, 2026”.*

8 **SEC. 1334. MODIFICATION AND EXTENSION OF UNITED**
9 **STATES-ISRAEL COOPERATION TO COUNTER**
10 **UNMANNED AERIAL SYSTEMS.**

11 *(a) AUTHORITY TO ESTABLISH CAPABILITIES TO*
12 *COUNTER UNMANNED AERIAL SYSTEMS.—Subsection*
13 *(a)(1) of section 1278 of the National Defense Authorization*
14 *Act for Fiscal Year 2020 (Public Law 116–92; 133 Stat.*
15 *1702; 22 U.S.C. 8606 note) is amended in the first sentence*
16 *by inserting after “to establish capabilities for countering*
17 *unmanned aerial systems” the following “, including di-*
18 *rected energy capabilities,”.*

19 *(b) SUPPORT IN CONNECTION WITH THE PROGRAM.—*
20 *Subsection (b) of such section is amended—*

21 *(1) in paragraph (3)(B), by inserting at the end*
22 *before the period the following: “, including directed*
23 *energy capabilities”; and*

24 *(2) in paragraph (4), by striking “\$25,000,000”*
25 *and inserting “\$40,000,000”.*

1 (c) *SUNSET*.—Subsection (f) of such section is amend-
2 ed by striking “December 31, 2024” and inserting “Decem-
3 ber 31, 2026”.

4 **SEC. 1335. MODIFICATION TO INITIATIVE TO SUPPORT PRO-**
5 **TECTION OF NATIONAL SECURITY ACADEMIC**
6 **RESEARCHERS FROM UNDUE INFLUENCE**
7 **AND OTHER SECURITY THREATS.**

8 (a) *IN GENERAL*.—Clause (iii) of section
9 1286(c)(8)(A) of the John S. McCain National Defense Au-
10 thorization Act for Fiscal Year 2019 (10 U.S.C. 2358 note;
11 Public Law 115–232) is amended—

12 (1) in subclause (I), by striking “or” at the end;
13 and

14 (2) by adding at the end the following:

15 “(III) to provide documented sup-
16 port to a defense or an intelligence
17 agency of the applicable country; or”.

18 (b) *PROHIBITION ON FUNDS*.—

19 (1) *IN GENERAL*.—None of the funds authorized
20 to be appropriated by this Act or otherwise made
21 available for fiscal year 2023 or any subsequent fiscal
22 year for the Department of Defense for research, devel-
23 opment, test, and evaluation may be provided to an
24 entity that maintains a contract between the entity
25 and a Chinese or Russian academic institution iden-

1 *tified on the list developed under section*
2 *1286(c)(8)(A) of the John S. McCain National De-*
3 *fense Authorization Act for Fiscal Year 2019 by rea-*
4 *son of meeting the requirements of clause (ii) or (iii)*
5 *(as amended by subsection (a)) of such section.*

6 (2) *WAIVER.—The Secretary of Defense may*
7 *waive the prohibition on funds under this subsection*
8 *with respect to an entity if the Secretary determines*
9 *that such a waiver is appropriate.*

10 **TITLE XIV—OTHER**
11 **AUTHORIZATIONS**
12 **Subtitle A—Military Programs**

13 **SEC. 1401. WORKING CAPITAL FUNDS.**

14 *Funds are hereby authorized to be appropriated for fis-*
15 *cal year 2023 for the use of the Armed Forces and other*
16 *activities and agencies of the Department of Defense for*
17 *providing capital for working capital and revolving funds,*
18 *as specified in the funding table in section 4501.*

19 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**
20 **TION, DEFENSE.**

21 (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*
22 *hereby authorized to be appropriated for the Department*
23 *of Defense for fiscal year 2023 for expenses, not otherwise*
24 *provided for, for Chemical Agents and Munitions Destruc-*

1 tion, Defense, as specified in the funding table in section
2 4501.

3 (b) *USE.*—Amounts authorized to be appropriated
4 under subsection (a) are authorized for—

5 (1) the destruction of lethal chemical agents and
6 munitions in accordance with section 1412 of the De-
7 partment of Defense Authorization Act, 1986 (50
8 U.S.C. 1521); and

9 (2) the destruction of chemical warfare materiel
10 of the United States that is not covered by section
11 1412 of such Act.

12 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**
13 **TIVITIES, DEFENSE-WIDE.**

14 Funds are hereby authorized to be appropriated for the
15 Department of Defense for fiscal year 2023 for expenses, not
16 otherwise provided for, for Drug Interdiction and Counter-
17 Drug Activities, Defense-wide, as specified in the funding
18 table in section 4501.

19 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

20 Funds are hereby authorized to be appropriated for the
21 Department of Defense for fiscal year 2023 for expenses, not
22 otherwise provided for, for the Office of the Inspector Gen-
23 eral of the Department of Defense, as specified in the fund-
24 ing table in section 4501.

1 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

2 *Funds are hereby authorized to be appropriated for fis-*
3 *cal year 2023 for the Defense Health Program for use of*
4 *the Armed Forces and other activities and agencies of the*
5 *Department of Defense for providing for the health of eligi-*
6 *ble beneficiaries, as specified in the funding table in section*
7 *4501.*

8 ***Subtitle B—Other Matters***

9 **SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**
10 **DEPARTMENT OF DEFENSE-DEPARTMENT OF**
11 **VETERANS AFFAIRS MEDICAL FACILITY DEM-**
12 **ONSTRATION FUND FOR CAPTAIN JAMES A.**
13 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

14 *(a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the*
15 *funds authorized to be appropriated for section 1405 and*
16 *available for the Defense Health Program for operation and*
17 *maintenance, \$168,000,000 may be transferred by the Sec-*
18 *retary of Defense to the Joint Department of Defense-De-*
19 *partment of Veterans Affairs Medical Facility Demonstra-*
20 *tion Fund established by subsection (a)(1) of section 1704*
21 *of the National Defense Authorization Act for Fiscal Year*
22 *2010 (Public Law 111–84; 123 Stat. 2571). For purposes*
23 *of subsection (a)(2) of such section 1704, any funds so*
24 *transferred shall be treated as amounts authorized and ap-*
25 *propriated specifically for the purpose of such a transfer.*

1 **(b) USE OF TRANSFERRED FUNDS.**—*For the purposes*
2 *of subsection (b) of such section 1704, facility operations*
3 *for which funds transferred under subsection (a) may be*
4 *used are operations of the Captain James A. Lovell Federal*
5 *Health Care Center, consisting of the North Chicago Vet-*
6 *erans Affairs Medical Center, the Navy Ambulatory Care*
7 *Center, and supporting facilities designated as a combined*
8 *Federal medical facility under an operational agreement*
9 *covered by section 706 of the Duncan Hunter National De-*
10 *fense Authorization Act for Fiscal Year 2009 (Public Law*
11 *110–417; 122 Stat. 4500).*

12 **SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR**
13 **ARMED FORCES RETIREMENT HOME.**

14 *There is hereby authorized to be appropriated for fiscal*
15 *year 2023 from the Armed Forces Retirement Home Trust*
16 *Fund the sum of \$152,360,000 of which—*

17 (1) *\$75,360,000 is for operation, maintenance,*
18 *construction and renovation; and*

19 (2) *\$77,000,000 is for major construction.*

20 **SEC. 1413. STUDY AND PILOT PROGRAM ON SEMICONDUCTORS**
21 **AND THE NATIONAL DEFENSE STOCK-**
22 **PILE.**

23 **(a) STUDY REQUIRED.**—

1 (1) *IN GENERAL.*—Not later than one year after
2 the date of the enactment of this Act, the Secretary of
3 Defense shall—

4 (A) *conduct a study on the strategic mate-*
5 *rials required by the Department of Defense to*
6 *execute the operational plans of the Department*
7 *in a conflict with a strategic competitor lasting*
8 *not less than six months; and*

9 (B) *submit to the congressional defense com-*
10 *mittees a report on such study.*

11 (2) *ELEMENTS.*—*The report required under*
12 *paragraph (1) shall include the following:*

13 (A) *A description of the specific number*
14 *and type of semiconductors for key systems and*
15 *munitions, delineated by technical specifications,*
16 *performance requirements, and end-use applica-*
17 *tions, that the Department of Defense requires to*
18 *execute and sustain the operational plans of the*
19 *Department during a conflict with a strategic*
20 *competitor in the Indo-Pacific for not less than*
21 *six months.*

22 (B) *A description of any supply chain*
23 *vulnerabilities or choke points, including from*
24 *sole sources of supply or geographic proximity to*
25 *strategic competitors, involving the critical min-*

1 *erals and strategic raw materials (including*
2 *chemicals) required to produce the semiconduc-*
3 *tors described in subparagraph (A).*

4 *(C) A description of any supply chain*
5 *vulnerabilities or choke points, including from*
6 *sole sources, geographic proximity to strategic*
7 *competitors, or legacy technology, involving the*
8 *manufacturing equipment required for each step*
9 *in the manufacturing process from the raw ma-*
10 *terials described in subparagraph (B) to the fin-*
11 *ished and operational semiconductor chip de-*
12 *scribed in subparagraph (A), and an identifica-*
13 *tion of potential secure sources of supply or*
14 *manufacturing involving the United States, al-*
15 *lied, or partner nations.*

16 *(D) An analysis of the ability of the De-*
17 *partment of Defense and private industry, as ap-*
18 *propriate, to procure the semiconductors de-*
19 *scribed in subparagraph (A) and mitigate the*
20 *vulnerabilities identified in subparagraphs (B)*
21 *and (C), during a conflict with a strategic com-*
22 *petitor in the Indo-Pacific lasting not less than*
23 *six months, along with associated recommenda-*
24 *tions, any additional necessary authorities to*

1 *carry out such recommendations, and the cost of*
2 *each recommendation.*

3 *(E) A feasibility assessment, expected cost,*
4 *and recommendations for acquiring strategic*
5 *materials for the National Defense Stockpile.*

6 *(F) A description of options to finance the*
7 *cost of the recommendations described in sub-*
8 *paragraph (D).*

9 *(G) The anticipated annual cost, through*
10 *fiscal year 2028, of a pilot program to acquire*
11 *for the National Defense Stockpile the highest*
12 *priority strategic materials.*

13 ***(b) PILOT PROGRAM.—***

14 ***(1) ESTABLISHMENT.—****Upon the submission of*
15 *the report under subsection (a), the Secretary of De-*
16 *fense shall carry out a pilot program to, subject to the*
17 *availability of appropriations, acquire for the Na-*
18 *tional Defense Stockpile the highest priority strategic*
19 *materials identified in such report.*

20 ***(2) REPORT.—****Not later than 1 year after the es-*
21 *tablishment of the pilot program described in this*
22 *subsection, and annually thereafter until the date de-*
23 *scribed in paragraph (3), the Secretary of Defense*
24 *shall submit to the congressional defense committees a*
25 *report on the status and effects of the pilot program.*

1 (3) *TERMINATION.*—*The pilot program estab-*
2 *lished under this subsection shall terminate on Sep-*
3 *tember 30, 2028.*

4 (c) *STRATEGIC MATERIALS DEFINED.*—*In this section,*
5 *the term “strategic materials” means—*

6 (1) *semiconductors described in subsection*
7 *(a)(2)(A);*

8 (2) *critical minerals and strategic raw materials*
9 *described in subsection (a)(2)(B); and*

10 (3) *manufacturing equipment described in para-*
11 *graph (2)(C).*

12 **SEC. 1414. RESTORING ESSENTIAL ENERGY AND SECURITY**

13 **HOLDINGS ONSHORE FOR RARE EARTHS.**

14 (a) *ACQUISITION AUTHORITY.*—*Of the funds author-*
15 *ized to be appropriated for the National Defense Stockpile*
16 *Transaction Fund by section 4501, the National Defense*
17 *Stockpile Manager may use up to \$253,500,000 for acquisi-*
18 *tion of the following materials determined to be strategic*
19 *and critical materials required to meet the defense, indus-*
20 *trial, and essential civilian needs of the United States:*

21 (1) *Neodymium oxide, praseodymium oxide, and*
22 *neodymium iron boron (NdFeB) magnet block.*

23 (2) *Titanium.*

24 (3) *Energetic materials.*

25 (4) *Iso-molded graphite.*

1 (5) *Grain-oriented electric steel.*

2 (6) *Tire cord steel.*

3 (7) *Cadmium zinc telluride.*

4 (b) *COMPLIANCE WITH STRATEGIC AND CRITICAL MA-*
5 *TERIALS STOCK PILING ACT.*—*Any acquisition using funds*
6 *appropriated pursuant to this section shall be carried out*
7 *in accordance with the provisions of the Strategic and Crit-*
8 *ical Materials Stock Piling Act (50 U.S.C. 98 et seq.).*

9 (c) *DISCLOSURES CONCERNING RARE EARTH ELE-*
10 *MENTS AND COVERED CRITICAL MINERALS BY CONTRAC-*
11 *TORS OF DEPARTMENT OF DEFENSE.*—

12 (1) *REQUIREMENT.*—*Beginning on the date that*
13 *is 30 months after the date of the enactment of this*
14 *Act, the Secretary of Defense shall require that any*
15 *contractor that provides to the Department of Defense*
16 *a system with a permanent magnet that contains rare*
17 *earth elements or covered critical minerals to disclose*
18 *in a classified form, along with delivery of the system,*
19 *the provenance of the magnet.*

20 (2) *ELEMENTS.*—*A disclosure under paragraph*
21 *(1) shall include an identification of the country or*
22 *countries in which—*

23 (A) *any rare earth elements and covered*
24 *critical minerals used in the magnet were mined;*

1 (B) such elements and minerals were re-
2 fined into oxides;

3 (C) such elements and minerals were made
4 into metals and alloys; and

5 (D) the magnet was sintered or bonded and
6 magnetized.

7 (3) *IMPLEMENTATION OF SUPPLY CHAIN TRACK-*
8 *ING SYSTEM.*—If a contractor cannot make the disclo-
9 sure required by paragraph (1) with respect to a sys-
10 tem described in that paragraph, the Secretary shall
11 require the contractor to establish and implement a
12 supply chain tracking system in order to make the
13 disclosure not later than 180 days after providing the
14 system to the Department of Defense.

15 (4) *WAIVERS.*—

16 (A) *IN GENERAL.*—The Secretary may
17 waive a requirement under paragraph (1) or (3)
18 with respect to a system described in paragraph
19 (1) for a period of not more than 180 days if the
20 Secretary certifies to the appropriate congress-
21 sional committees that—

22 (i) the continued procurement of the
23 system is necessary to meet the demands of
24 a national emergency declared under section

1 *201 of the National Emergencies Act (50*
2 *U.S.C. 1621); or*

3 *(ii) the contractor cannot currently*
4 *make the disclosure required by paragraph*
5 *(1) but is making significant efforts to com-*
6 *ply with the requirements of that para-*
7 *graph.*

8 *(B) WAIVER RENEWALS.—The Secretary—*

9 *(i) may renew a waiver under sub-*
10 *paragraph (A)(i) as many times as the Sec-*
11 *retary considers appropriate; and*

12 *(ii) may not renew a waiver under*
13 *subparagraph (A)(ii) more than twice.*

14 *(5) BRIEFING REQUIRED.—Not later than 30*
15 *days after the submission of each report required by*
16 *subsection (e)(3), the Secretary of Defense shall pro-*
17 *vide to the appropriate congressional committees a*
18 *briefing that includes—*

19 *(A) a summary of the disclosures made*
20 *under this subsection;*

21 *(B) an assessment of the extent of reliance*
22 *by the United States on foreign countries, and*
23 *especially countries that are not allies of the*
24 *United States, for rare earth elements and cov-*
25 *ered critical minerals;*

1 (C) a determination with respect to which
2 systems described in paragraph (1) are of the
3 greatest concern for interruptions of supply
4 chains with respect to rare earth elements and
5 covered critical minerals; and

6 (D) any suggestions for legislation or fund-
7 ing that would mitigate security gaps in such
8 supply chains.

9 (d) *EXPANSION OF RESTRICTIONS ON PROCUREMENT*
10 *OF MILITARY AND DUAL-USE TECHNOLOGIES BY CHINESE*
11 *MILITARY COMPANIES.*—Section 1211 of the National De-
12 *fense Authorization Act for Fiscal Year 2006 (10 U.S.C.*
13 *4651 note pre c.) is amended—*

14 (1) *in the section heading, by striking “COM-*
15 *MUNIST CHINESE MILITARY COMPANIES” and*
16 *inserting “CHINESE MILITARY COMPANIES”;*

17 (2) *in subsection (a), by inserting after “mili-*
18 *tary company” the following: “, any Chinese military*
19 *company, or any Non-SDN Chinese military-indus-*
20 *trial complex company”;*

21 (3) *by amending subsection (b) to read as fol-*
22 *lows:*

23 “(b) *GOODS AND SERVICES COVERED.*—

24 “(1) *IN GENERAL.*—For purposes of subsection
25 (a), and except as provided in paragraph (2), the

1 *goods and services described in this subsection are*
2 *goods and services—*

3 “(A) *on the munitions list of the Inter-*
4 *national Traffic in Arms Regulations; or*

5 “(B) *on the Commerce Control List that—*

6 “(i) *are classified in the 600 series; or*

7 “(ii) *contain rare earth elements or*
8 *covered critical minerals.*

9 “(2) *EXCEPTIONS.—Goods and services described*
10 *in this subsection do not include goods or services*
11 *procured—*

12 “(A) *in connection with a visit by a vessel*
13 *or an aircraft of the United States Armed Forces*
14 *to the People’s Republic of China;*

15 “(B) *for testing purposes; or*

16 “(C) *for purposes of gathering intelligence.”;*

17 (4) *in subsection (e)—*

18 (A) *by striking paragraph (3);*

19 (B) *by redesignating paragraphs (1) and*
20 *(2) as paragraphs (3) and (6), respectively;*

21 (C) *by inserting before paragraph (3), as*
22 *redesignated by subparagraph (B), the following:*

23 “(1) *The term ‘Chinese military company’ has*
24 *the meaning given that term by section 1260H(d)(1)*
25 *of the William M. (Mac) Thornberry National Defense*

1 *Authorization Act for Fiscal Year 2021 (Public Law*
2 *116–283; 10 U.S.C. 113 note).*

3 “(2) *The term ‘Commerce Control List’ means*
4 *the list maintained by the Bureau of Industry and*
5 *Security and set forth in Supplement No. 1 to part*
6 *774 of the Export Administration Regulations.’; and*

7 *(D) by inserting after paragraph (3), as so*
8 *redesignated, the following:*

9 “(4) *The term ‘covered critical mineral’ means—*

10 *“(A) antimony;*

11 *“(B) beryllium;*

12 *“(C) cobalt;*

13 *“(D) graphite;*

14 *“(E) lithium;*

15 *“(F) manganese;*

16 *“(G) nickel;*

17 *“(H) tantalum;*

18 *“(I) tungsten; or*

19 *“(J) vanadium.*

20 “(5) *The term ‘Export Administration Regula-*
21 *tions’ has the meaning given that term in section*
22 *1742 of the Export Control Reform Act of 2018 (50*
23 *U.S.C. 4801).’; and*

24 *(5) by adding at the end the following:*

1 “(7) *The term ‘Non-SDN Chinese military-in-*
2 *dustrial complex company’ means any entity on the*
3 *Non-SDN Chinese Military-Industrial Complex Com-*
4 *panies List—*

5 “(A) *established pursuant to Executive*
6 *Order 13959 (50 U.S.C. 1701 note; relating to*
7 *addressing the threat from securities investments*
8 *that finance Communist Chinese military com-*
9 *panies), as amended before, on, or after the date*
10 *of the enactment of the Restoring Essential En-*
11 *ergy and Security Holdings Onshore for Rare*
12 *Earths Act of 2022; and*

13 “(B) *maintained by the Office of Foreign*
14 *Assets Control of the Department of the Treas-*
15 *ury.*

16 “(8) *The term ‘rare earth element’ means—*

17 “(A) *cerium;*

18 “(B) *dysprosium;*

19 “(C) *erbium;*

20 “(D) *europium;*

21 “(E) *gadolinium;*

22 “(F) *holmium;*

23 “(G) *lanthanum;*

24 “(H) *lutetium;*

25 “(I) *neodymium;*

1 “(J) praseodymium;

2 “(K) promethium;

3 “(L) samarium;

4 “(M) scandium;

5 “(N) terbium;

6 “(O) thulium;

7 “(P) ytterbium; or

8 “(Q) yttrium.”.

9 (e) *REVIEW OF COMPLIANCE WITH CONTRACTING RE-*
10 *QUIREMENTS.*—

11 (1) *IN GENERAL.*—Not later than one year after
12 the date of the enactment of this Act, and periodically
13 thereafter until the termination date specified in
14 paragraph (5), the Comptroller General of the United
15 States shall assess the extent of the efforts of the De-
16 partment of Defense to comply with the requirements
17 of—

18 (A) subsection (c);

19 (B) section 1211 of the National Defense
20 Authorization Act for Fiscal Year 2006, as
21 amended by subsection (d) of this section; and

22 (C) section 4872 of title 10, United States
23 Code.

24 (2) *BRIEFING REQUIRED.*—The Comptroller
25 General shall periodically, until the termination date

1 *specified in paragraph (5), provide to the appropriate*
2 *congressional committees a briefing on the results of*
3 *the assessments conducted under paragraph (1) that*
4 *includes an assessment of—*

5 *(A) the inclusion by the Department of De-*
6 *fense of necessary contracting clauses in relevant*
7 *contracts to meet the requirements described in*
8 *subparagraphs (A), (B), and (C) of paragraph*
9 *(1); and*

10 *(B) the efforts of the Department of Defense*
11 *to assess the compliance of contractors with such*
12 *clauses.*

13 *(3) REPORT REQUIRED.—The Comptroller Gen-*
14 *eral shall, not less frequently than every 2 years until*
15 *the termination date specified in paragraph (5), sub-*
16 *mit to the appropriate congressional committees a re-*
17 *port on the results of the assessments conducted under*
18 *paragraph (1) that includes an assessment of—*

19 *(A) the inclusion by the Department of De-*
20 *fense of necessary contracting clauses in relevant*
21 *contracts to meet the requirements described in*
22 *subparagraphs (A), (B), and (C) of paragraph*
23 *(1); and*

1 (B) the efforts of the Department of Defense
2 to assess the compliance of contractors with such
3 clauses.

4 (4) *REFERRAL.*—If, in conducting an assessment
5 under paragraph (1), the Comptroller General deter-
6 mines that a contractor has failed to comply with any
7 of the requirements described in subparagraphs (A),
8 (B), and (C) of paragraph (1), the relevant Inspectors
9 General, or other enforcement agencies, as appro-
10 priate, for further examination and possible enforce-
11 ment actions.

12 (5) *TERMINATION.*—The requirements of this
13 subsection shall terminate on the date that is 10 years
14 after the date of the enactment of this Act.

15 (f) *DEFINITIONS.*—In this section, the terms “covered
16 critical minerals” and “rare earth element” have the mean-
17 ings given to such terms in section 1211 of the National
18 Defense Authorization Act for Fiscal Year 2006 (10 U.S.C.
19 4651 note prec.).

1 ***Subtitle C—Homeland Acceleration***
2 ***of Recovering Deposits and Re-***
3 ***newing Onshore Critical Key-***
4 ***stones***

5 ***SEC. 1421. AUTHORITY TO ACQUIRE MATERIALS FOR NA-***
6 ***TIONAL DEFENSE STOCKPILE TO ADDRESS***
7 ***SHORTFALLS.***

8 *(a) MODIFICATION OF ACQUISITION AUTHORITY.—*
9 *Section 5 of the Strategic and Critical Materials Stock Pil-*
10 *ing Act (50 U.S.C. 98d) is amended—*

11 *(1) in subsection (a)—*

12 *(A) in paragraph (1)—*

13 *(i) in the first sentence, by inserting*
14 *“under the authority of paragraph (3) or”*
15 *after “Except for acquisitions made”; and*

16 *(ii) in the second sentence, by striking*
17 *“for such acquisition” and inserting “for*
18 *any acquisition of materials under this*
19 *Act”;*

20 *(B) in paragraph (2), by striking “any*
21 *such transaction” and inserting “any trans-*
22 *action”;* and

23 *(C) by adding at the end the following:*

24 *“(3) From amounts appropriated after the date of the*
25 *enactment of this paragraph, the National Defense Stockpile*

1 *Manager may acquire materials determined to be strategic*
2 *and critical under section 3(a) without regard to the re-*
3 *quirement of the first sentence of paragraph (1) if the Stock-*
4 *pile Manager determines there is a shortfall of such mate-*
5 *rials in the stockpile.”; and*

6 (2) *in subsection (c), by striking “to carry out*
7 *the purposes for which appropriated for a period of*
8 *two fiscal years, if so provided in appropriation*
9 *Acts” and inserting “until expended, unless otherwise*
10 *provided in appropriations Acts”.*

11 (b) *CLARIFICATION THAT STOCKPILE MAY NOT BE*
12 *USED FOR BUDGETARY PURPOSES.—Section 2(c) of the*
13 *Strategic and Critical Materials Stock Piling Act (50*
14 *U.S.C. 98a(c)) is amended by striking “is not to be used”*
15 *and inserting “shall not be used”.*

16 (c) *ANNUAL BRIEFINGS.—Section 11 of the Strategic*
17 *and Critical Materials Stock Piling Act (50 U.S.C. 98h–*
18 *2) is amended by adding at the end the following:*

19 “(c)(1) *Not later than 30 days after submitting a re-*
20 *port required by subsection (a), the National Defense Stock-*
21 *pile Manager shall brief the committees specified in para-*
22 *graph (2) on the state of the stockpile and the acquisitions*
23 *intended to be made within the next fiscal year.*

24 “(2) *The committees specified in this paragraph*
25 *are—*

1 “(A) *the Committee on Armed Services, the*
2 *Committee on Foreign Relations, the Committee*
3 *on Energy and Natural Resources, the Com-*
4 *mittee on Commerce, Science, and Transpor-*
5 *tation, and the Select Committee on Intelligence*
6 *of the Senate; and*

7 “(B) *the Committee on Armed Services, the*
8 *Committee on Foreign Affairs, the Committee on*
9 *Natural Resources, the Committee on Energy*
10 *and Commerce, and the Permanent Select Com-*
11 *mittee on Intelligence of the House of Represent-*
12 *atives.”.*

13 **SEC. 1422. REPORT ON MODIFICATIONS TO THE NATIONAL**
14 **TECHNOLOGY AND INDUSTRIAL BASE.**

15 (a) *IN GENERAL.*—*Not later than December 1, 2023,*
16 *the Secretary of Defense shall submit to the congressional*
17 *defense committees, the Committee on Financial Services of*
18 *the House of Representatives, the Permanent Select Com-*
19 *mittee on Intelligence of the House of Representatives, the*
20 *Select Committee on Intelligence of the Senate, and the*
21 *Committee on Banking, Housing, and Urban Affairs of the*
22 *Senate a report on the benefits and risks of potential legisla-*
23 *tive proposals to increase the availability of strategic and*
24 *critical materials that are, as of the date of the enactment*

1 *of this Act, sourced primarily from the People’s Republic*
2 *of China or the Russian Federation.*

3 (b) *ELEMENTS.*—*The report required by subsection (a)*
4 *shall include an assessment of the following:*

5 (1) *The implications of modifying the term “do-*
6 *mestic source” for purposes of the Defense Production*
7 *Act of 1950 (50 U.S.C. 4501 et seq.) to “domestic and*
8 *allied source” and including in the definition of such*
9 *term business concerns in other countries, including,*
10 *but not limited to, Canada, the United Kingdom, and*
11 *Australia.*

12 (2) *The benefits of facilitating more effective in-*
13 *tegration of the national technology and industrial*
14 *base with the technology and industrial bases of coun-*
15 *tries that are allies or partners of the United States*
16 *with respect to technology transfer, socioeconomic pro-*
17 *urement requirements, and export controls.*

18 (c) *FORM.*—*The report required by subsection (a) shall*
19 *be in an unclassified form but may contain a classified*
20 *annex.*

21 (d) *DEFINITIONS.*—*In this section:*

22 (1) *NATIONAL TECHNOLOGY AND INDUSTRIAL*
23 *BASE.*—*The term “national technology and industrial*
24 *base” has the meaning given that term in section*
25 *4801 of title 10, United States Code.*

1 (2) *STRATEGIC AND CRITICAL MATERIALS.*—The
2 term “strategic and critical materials” has the mean-
3 ing given that term in section 12 of the Strategic and
4 Critical Materials Stock Piling Act (50 U.S.C. 98h-
5 3).

6 **TITLE XV—CYBER AND INFORMA-**
7 **TION OPERATIONS MATTERS**
8 **Subtitle A—Cyber Matters**

9 **SEC. 1501. IMPROVEMENTS TO PRINCIPAL CYBER ADVI-**
10 **SORS.**

11 (a) *CERTIFICATION AUTHORITY FOR CYBERSPACE OP-*
12 *ERATIONS.*—Subsection (c) of section 932 of the National
13 Defense Authorization Act for Fiscal Year 2014 (Public
14 Law 113–66; 10 U.S.C. 2224 note) is amended by adding
15 at the end the following new paragraph:

16 “(4) *BUDGET CERTIFICATION.*—Not later than
17 January 31 of the year preceding each fiscal year for
18 which a budget is proposed, the Principal Cyber Ad-
19 visor shall certify to the Secretary of Defense and the
20 congressional defense committees the adequacy of the
21 portions of that budget regarding cyberspace activities
22 not covered by the review of the Chief Information Of-
23 ficer under section 142(b)(2) of this title.”.

24 (b) *CODIFICATION OF PRINCIPAL CYBER ADVISORS.*—

1 (1) *TITLE 10.—Chapter 19 of title 10, United*
2 *States Code, is amended by inserting after section 392*
3 *the following new section (and conforming the table of*
4 *sections at the beginning of such chapter accordingly):*

5 **“§ 392a. Principal Cyber Advisors”.**

6 (2) *PRINCIPAL CYBER ADVISOR TO SECRETARY*
7 *OF DEFENSE.—Subsection (c) of section 932 of the*
8 *National Defense Authorization Act for Fiscal Year*
9 *2014 (Public Law 113–66; 10 U.S.C. 2224 note), as*
10 *amended by subsection (a), is—*

11 (A) *transferred to section 392a of title 10,*
12 *United States Code, as added by paragraph (1);*

13 (B) *redesignated as subsection (a); and*

14 (C) *amended in the subsection heading by*
15 *inserting “TO SECRETARY OF DEFENSE” after*
16 *“ADVISOR”.*

17 (3) *DEPUTY CYBER ADVISOR.—Section 905 of the*
18 *National Defense Authorization Act for Fiscal Year*
19 *2020 (Public Law 116–92; 10 U.S.C. 391 note) is—*

20 (A) *transferred to chapter 19 of title 10,*
21 *United States Code, designated as subsection (b)*
22 *of section 392a, as added by paragraph (1), and*
23 *redesignating each subordinate provision and the*
24 *margins thereof accordingly; and*

25 (B) *amended—*

1 (i) by striking “this subsection” each
2 place it appears and inserting “this para-
3 graph”; and

4 (ii) by striking “subsection (a)” each
5 place it appears and inserting “paragraph
6 (1)”.

7 (4) *PRINCIPAL CYBER ADVISORS TO SECRE-*
8 *TARIES OF MILITARY DEPARTMENTS.*—Section 1657 of
9 the National Defense Authorization Act for Fiscal
10 Year 2020 (Public Law 116–92; 10 U.S.C. 391 note)
11 is—

12 (A) transferred to chapter 19 of title 10,
13 United States Code, designated as subsection (c)
14 of section 392a, as added by paragraph (1), and
15 redesignating each subordinate provision and the
16 margins thereof accordingly; and

17 (B) amended—

18 (i) by striking “subparagraph (B)”
19 and inserting “clause (ii)”;

20 (ii) by striking “paragraph (1)” each
21 place it appears and inserting “subpara-
22 graph (A)”;

23 (iii) by striking “paragraph (2)” each
24 place it appears and inserting “subpara-
25 graph (B)”;

1 (iv) by striking “subsection (a)(1)”
2 and inserting “paragraph (1)(A)”;

3 (v) by striking “subsection (a)” each
4 place it appears and inserting “paragraph
5 (1)”;

6 (vi) by striking “subsection (b)” each
7 place it appears and inserting “paragraph
8 (2)”;

9 (vii) by striking paragraph (6) (as re-
10 designated pursuant to subparagraph (A)).

11 (c) *CONFORMING AMENDMENTS.*—

12 (1) *TITLE 10.*—Section 167b(d)(2)(A) of title 10,
13 United States Code, is amended by inserting “to the
14 Secretary of Defense under section 392a(a) of this
15 title” after “Principal Cyber Advisor”.

16 (2) *FY22 NDAA.*—Section 1528(e)(2) of the Na-
17 tional Defense Authorization Act for Fiscal Year 2022
18 (Public Law 117–81; 10 U.S.C. 2224 note) is amend-
19 ed by striking “section 1657(d) of the National De-
20 fense Authorization Act for Fiscal Year 2020 (Public
21 Law 116–92; 10 U.S.C. 391 note)” and inserting
22 “section 392a(c)(4) of title 10, United States Code”.

23 (3) *FY17 NDAA.*—Section 1643(b) of the Na-
24 tional Defense Authorization Act for Fiscal Year 2017
25 (Public Law 114–328; 10 U.S.C. 2224 note) is

1 *amended by striking “The Principal Cyber Advisor,*
2 *acting through the cross-functional team established*
3 *by section 932(c)(3) of the National Defense Author-*
4 *ization Act for Fiscal Year 2014 (Public Law 113-66;*
5 *10 U.S.C. 2224 note)” and inserting “The Principal*
6 *Cyber Advisor to the Secretary of Defense, acting*
7 *through the cross-functional team under section*
8 *392a(a)(3) of title 10, United States Code.”.*

9 **SEC. 1502. MODIFICATION OF OFFICE OF PRIMARY RESPON-**
10 **SIBILITY FOR STRATEGIC CYBERSECURITY**
11 **PROGRAM.**

12 *Paragraph (2) of section 1640(c) of the National De-*
13 *fense Authorization Act for Fiscal Year 2018 (Public Law*
14 *115–91; 10 U.S.C. 2224 note) is amended to read as follows:*

15 *“(2) OFFICE OF PRIMARY RESPONSIBILITY.—Not*
16 *later than 30 days after the date of the enactment of*
17 *the National Defense Authorization Act for Fiscal*
18 *Year 2023, the Secretary of Defense shall designate a*
19 *principal staff assistant from within the Office of the*
20 *Secretary of Defense whose office shall serve as the of-*
21 *fice of primary responsibility for the Program, pro-*
22 *viding policy, direction, and oversight regarding the*
23 *execution of the responsibilities of the program man-*
24 *ager described in paragraph (5).”.*

1 **SEC. 1503. ESTABLISHMENT OF CYBER OPERATIONS DESIG-**
2 **NATOR AND RATING FOR THE NAVY.**

3 (a) *MILITARY CAREER DESIGNATOR.*—

4 (1) *OFFICERS.*—*Not later than 180 days after*
5 *the date of the enactment of this Act, the Secretary of*
6 *the Navy, in coordination with the Chief of Naval*
7 *Operations, shall establish and use a cyber warfare*
8 *operations designator for officers and warrant offi-*
9 *cers, which shall be a separate designator from the*
10 *cryptologic warfare officer designator.*

11 (2) *ENLISTED.*—*Not later than 90 days after the*
12 *date of the enactment of this Act, the Secretary, in co-*
13 *ordination with the Chief, shall establish and use a*
14 *cyber warfare rating for enlisted personnel, which*
15 *shall be a separate rating from the cryptologic techni-*
16 *cian enlisted rating.*

17 (b) *PROHIBITION.*—

18 (1) *IN GENERAL.*—*Beginning June 1, 2024, the*
19 *Secretary may not assign a member of the Navy to*
20 *a billet within the core work roles at teams or compo-*
21 *nents within the cyber mission force if such mem-*
22 *ber—*

23 (A) *has a designator of cryptologic warfare,*
24 *intelligence, or information professional; or*

1 (B) has a rating of cryptologic technician,
2 intelligence specialist, or information systems
3 technician.

4 (2) *EXCEPTION.*—The prohibition in paragraph
5 (1) shall not apply with respect to a member of the
6 Navy who is assigned to a billet described in such
7 paragraph under orders issued before June 1, 2024.

8 (c) *REPORT.*—Not later than one year after the date
9 of the enactment of this Act, the Secretary shall submit to
10 the Committees on Armed Services of the House of Rep-
11 resentatives and Senate a report certifying whether the fol-
12 lowing actions have been carried out (including detailed ex-
13 planations):

14 (1) The Secretary establishing cyberspace oper-
15 ations as a military discipline that is a community
16 separate from the information warfare community.

17 (2) The Chief of Naval Operations identifying
18 who in the Office of the Chief of Naval Operations
19 will serve as the resource manager and who will be
20 responsible for staffing and training with respect to
21 the designator and rating established under subsection
22 (a).

23 (3) The Secretary establishing a training pipe-
24 line for the designator and rating established under
25 subsection (a) that is aligned with the requirements

1 *and standards established by the Commander of the*
2 *United States Cyber Command.*

3 (4) *The Secretary establishing a funding profile*
4 *detailing with requisite investments toward the train-*
5 *ing requirements, requisite courses, and costs associ-*
6 *ated with the designator and rating established under*
7 *subsection (a) for the period covered by the most re-*
8 *cent future-years defense program submitted to Con-*
9 *gress under section 221 of title 10, United States*
10 *Code.*

11 (5) *The Secretary establishing an inventory of*
12 *all flag officer positions with direct leadership or ex-*
13 *ecutive direction over the designator and rating estab-*
14 *lished under subsection (a), including with respect*
15 *to—*

16 (A) *the United States Cyber Command;*
17 (B) *the Fleet Cyber Command;*
18 (C) *Joint Forces Headquarters-Cyber, Navy;*
19 (D) *10th Fleet;*
20 (E) *The Deputy Chief of Naval Operations*
21 *for Information Warfare and the Director of*
22 *Naval Intelligence; and*
23 (F) *Naval Information Forces.*

24 (6) *The Secretary establishing an implementa-*
25 *tion plan, including timelines and procedures, for fill-*

1 *ing the positions within the cyber mission force for*
2 *which the Secretary is responsible.*

3 *(7) Any anticipated changes to the end-strength*
4 *of the Navy by reason of establishing the designator*
5 *and rating under subsection (a).*

6 *(d) DETERMINATION BY CYBER COMMAND.—Not later*
7 *than 60 days after the date on which the Secretary submits*
8 *the report under subsection (c), the Commander of United*
9 *States Cyber Command shall submit to the Committees on*
10 *Armed Services of the House of Representatives and Senate*
11 *a determination with respect to whether the matters con-*
12 *tained in the report satisfy the requirements of the United*
13 *States Cyber Command.*

14 **SEC. 1504. CYBER THREAT INFORMATION COLLABORATION**
15 **ENVIRONMENT PROGRAM.**

16 *(a) PROGRAM.—Not later than 120 days after the date*
17 *of the enactment of this Act, pursuant to the requirements*
18 *established by the Cyber Threat Data Interoperability*
19 *Council under subsection (c), the Secretary of Homeland*
20 *Security, acting through the Director of the Cybersecurity*
21 *and Infrastructure Security Agency, in consultation with*
22 *the Director of the National Security Agency, shall develop*
23 *an information collaboration environment consisting of a*
24 *digital environment containing technical tools for informa-*
25 *tion analytics and a portal through which relevant parties*

1 *may submit and automate information inputs and access*
2 *the environment to enable interoperable data flow that en-*
3 *ables Federal and non-Federal entities to identify, mitigate,*
4 *and prevent malicious cyber activity by—*

5 (1) *providing access to appropriate and oper-*
6 *ationally relevant data from unclassified and classi-*
7 *fied information about cybersecurity risks and cyber-*
8 *security threats, as well as malware forensics and*
9 *data from network sensor programs or network-moni-*
10 *toring programs, on a platform that enables querying*
11 *and analysis;*

12 (2) *enabling cross-correlation of data on cyberse-*
13 *curity risks and cybersecurity threats at the speed*
14 *and scale necessary for rapid detection and identifica-*
15 *tion;*

16 (3) *facilitating a comprehensive understanding*
17 *of cybersecurity risks and cybersecurity threats; and*

18 (4) *facilitating collaborative analysis between the*
19 *Federal Government and public and private sector*
20 *critical infrastructure entities and information shar-*
21 *ing and analysis organizations.*

22 (b) *IMPLEMENTATION OF INFORMATION COLLABORA-*
23 *TION ENVIRONMENT.—*

24 (1) *EVALUATION.—Not later than 180 days after*
25 *the date of the enactment of this Act, the Secretary of*

1 *Homeland Security, acting through the Director of*
2 *the Cybersecurity and Infrastructure Security Agen-*
3 *cy, in coordination with other departments and agen-*
4 *cies of the Federal Government, shall—*

5 *(A) identify existing Federal sources of clas-*
6 *sified and unclassified information on cybersecu-*
7 *rity threats;*

8 *(B) evaluate current programs, applica-*
9 *tions, or platforms intended to detect, identify,*
10 *analyze, and monitor cybersecurity risks and cy-*
11 *bersecurity threats;*

12 *(C) consult with public and private sector*
13 *critical infrastructure entities to identify public*
14 *and private critical infrastructure cyber threat*
15 *capabilities, needs, and gaps; and*

16 *(D) identify existing tools, capabilities, and*
17 *systems that may be adapted to achieve the pur-*
18 *poses of the information collaboration environ-*
19 *ment developed pursuant to subsection (a) to*
20 *maximize return on investment and minimize*
21 *cost.*

22 *(2) IMPLEMENTATION.—*

23 *(A) IN GENERAL.—Not later than one year*
24 *after completing the evaluation required under*
25 *paragraph (1), the Secretary of Homeland Secu-*

1 *rity, acting through the Director of the Cyberse-*
2 *curity and Infrastructure Security Agency, in*
3 *consultation with the Director of the National*
4 *Security Agency, shall achieve initial operating*
5 *capability of the information collaboration envi-*
6 *ronment developed pursuant to subsection (a).*

7 *(B) REQUIREMENTS.—The information col-*
8 *laboration environment and the technical tools*
9 *for information analytics under subsection (a)*
10 *shall—*

11 *(i) operate in a manner consistent*
12 *with relevant privacy, civil rights, and civil*
13 *liberties policies and protections, including*
14 *such policies and protections established*
15 *pursuant to section 1016 of the Intelligence*
16 *Reform and Terrorism Prevention Act of*
17 *2004 (6 U.S.C. 485);*

18 *(ii) reflect the requirements set forth by*
19 *the Cyber Threat Data Interoperability*
20 *Council under subsection (c);*

21 *(iii) enable integration of current ap-*
22 *plications, platforms, data, and informa-*
23 *tion, including classified information, in a*
24 *manner that supports the voluntary inte-*
25 *gration of unclassified and classified infor-*

1 *mation on cybersecurity risks and cyberse-*
2 *curity threats;*

3 *(iv) incorporate tools to manage access*
4 *to classified and unclassified data, as ap-*
5 *propriate, for appropriate individuals who*
6 *have the security clearance necessary to ac-*
7 *cess the highest level of classified data in-*
8 *cluded in the environment;*

9 *(v) ensure accessibility by Federal enti-*
10 *ties that the Secretary of Homeland Secu-*
11 *rity, in consultation with the Director of*
12 *National Intelligence, the Attorney General,*
13 *the Secretary of Defense, and the Director of*
14 *the Office of Management and Budget, de-*
15 *termines appropriate;*

16 *(vi) allow for access by public and pri-*
17 *vate sector critical infrastructure entities*
18 *and other private sector partners, at the*
19 *discretion of the Secretary of Homeland Se-*
20 *curity and after consulting the appropriate*
21 *Sector Risk Management Agency;*

22 *(vii) deploy analytic tools across clas-*
23 *sification levels to leverage all relevant data*
24 *sets, as appropriate;*

1 (viii) identify tools and analytical soft-
2 ware that can be applied and shared to ma-
3 nipulate, transform, and display data and
4 other identified needs; and

5 (ix) anticipate the integration of new
6 technologies and data streams, including
7 data from network sensor programs or net-
8 work-monitoring programs deployed in sup-
9 port of non-Federal entities.

10 (C) ACCESS CONTROLS.—The owner of any
11 data shared in the information collaboration en-
12 vironment shall have the authority to set and
13 maintain access controls for such data and may
14 restrict access to any particular data asset for
15 any purpose, including for the purpose of pro-
16 tecting intelligence sources and methods from un-
17 authorized disclosure in accordance with section
18 102A(i) of the National Security Act (50 U.S.C.
19 3024(i)).

20 (3) ANNUAL REPORT REQUIREMENT ON THE IM-
21 PLEMENTATION, EXECUTION, AND EFFECTIVENESS OF
22 THE PROGRAM.—

23 (A) REQUIREMENT.—Not later than one
24 year after the date of the enactment of this Act
25 and annually thereafter, the Secretary of Home-

1 *land Security shall submit to the National Cyber*
2 *Director and appropriate congressional commit-*
3 *tees a report that details—*

4 *(i) Federal Government participation*
5 *in the information collaboration environ-*
6 *ment, including the Federal entities partici-*
7 *pating in the environment and the cat-*
8 *egories of information shared by Federal en-*
9 *tities into the environment;*

10 *(ii) non-Federal entities' participation*
11 *in the information collaboration environ-*
12 *ment, including the non-Federal entities*
13 *participating in the environment and the*
14 *categories of information shared by non-*
15 *Federal entities into the environment;*

16 *(iii) the impact of the information col-*
17 *laboration environment on positive security*
18 *outcomes for the Federal Government and*
19 *non-Federal entities;*

20 *(iv) barriers identified to fully real-*
21 *izing the benefit of the information collabo-*
22 *ration environment for both the Federal*
23 *Government and non-Federal entities;*

1 (v) *additional authorities or resources*
2 *necessary to successfully execute the infor-*
3 *mation collaboration environment; and*

4 (vi) *identified shortcomings or risks to*
5 *data security and privacy, and the steps*
6 *necessary to improve the mitigation of such*
7 *shortcomings or risks.*

8 (B) *FORM.*—*Each report under subpara-*
9 *graph (A) shall be submitted in unclassified*
10 *form, but may include a classified annex.*

11 (4) *COLLABORATION BY NSA.*—*Any actions taken*
12 *by the Director of the National Security Agency to as-*
13 *sist in building or maintaining the information col-*
14 *laboration environment developed pursuant to sub-*
15 *section (a)—*

16 (A) *shall be carried out using amounts au-*
17 *thorized to be appropriated to the National Secu-*
18 *rity Agency for the Information Systems Secu-*
19 *rity program; and*

20 (B) *may not be carried out using amounts*
21 *made available under the National Intelligence*
22 *Program.*

23 (c) *CYBER THREAT DATA INTEROPERABILITY COUN-*
24 *CIL.*—

1 (1) *ESTABLISHMENT.*—*There is established an*
2 *interagency council, to be known as the “Cyber*
3 *Threat Data Interoperability Council” (in this sub-*
4 *section referred to as the “council”), chaired by the*
5 *National Cyber Director, to establish data interoper-*
6 *ability requirements for data streams to be accessed*
7 *in the information collaboration environment.*

8 (2) *ESTABLISHMENT DATE.*—*The council shall*
9 *commence the activities under this subsection by not*
10 *later than 120 days after the date of the enactment*
11 *of this Act.*

12 (3) *MEMBERSHIP.*—

13 (A) *PRINCIPAL MEMBERS.*—*In addition to*
14 *the National Cyber Director, the council shall*
15 *have as its principal members the Secretary of*
16 *Homeland Security, the Director of National In-*
17 *telligence, the Attorney General, the Secretary of*
18 *Defense, and the Director of the Office of Man-*
19 *agement and Budget.*

20 (B) *ADDITIONAL FEDERAL MEMBERS.*—
21 *Based on recommendations submitted by the*
22 *principal members, the National Cyber Director*
23 *shall identify and appoint council members from*
24 *Federal entities that oversee programs that gen-*
25 *erate, collect, disseminate, or analyze data or in-*

1 *formation related to cybersecurity risks and cy-*
2 *bersecurity threats.*

3 (C) *ADVISORY MEMBERS.*—*The National*
4 *Cyber Director shall identify and appoint advi-*
5 *sory members from non-Federal entities that*
6 *shall advise the council based on recommenda-*
7 *tions submitted by the principal members.*

8 (4) *DATA STREAMS.*—*The council shall identify,*
9 *designate, and periodically update programs that*
10 *shall participate in or be interoperable with the infor-*
11 *mation collaboration environment, which may in-*
12 *clude—*

13 (A) *network-monitoring and intrusion de-*
14 *tection programs;*

15 (B) *cyber threat indicator sharing pro-*
16 *grams;*

17 (C) *certain network sensor programs or net-*
18 *work-monitoring programs;*

19 (D) *incident response and cybersecurity*
20 *technical assistance programs; or*

21 (E) *malware forensics and reverse-engineer-*
22 *ing programs.*

23 (5) *DATA PRIVACY.*—

24 (A) *REQUIREMENT.*—*The council shall es-*
25 *tablish a committee to establish procedures and*

1 *data governance structures, as necessary, to pro-*
2 *tect data shared in the information collaboration*
3 *environment, comply with Federal regulations*
4 *and statutes, and respect existing consent agree-*
5 *ments with public and private sector critical in-*
6 *frastructure entities that apply to critical infra-*
7 *structure information.*

8 *(B) MEMBERSHIP.—The committee shall be*
9 *comprised of—*

10 *(i) the senior official for privacy of the*
11 *Office of Management and Budget, who*
12 *shall serve as the chair of the committee;*
13 *and*

14 *(ii) privacy officers from the Depart-*
15 *ment of Homeland Security, the Depart-*
16 *ment of Defense, the Department of Justice,*
17 *and the Office of the Director of National*
18 *Intelligence.*

19 *(6) RULE OF CONSTRUCTION.—Nothing in this*
20 *subsection may be construed as changing existing*
21 *ownership or protection of, or policies and processes*
22 *for access to, agency data.*

23 *(d) NATIONAL SECURITY SYSTEMS.—Nothing in this*
24 *section shall apply to a national security system, or to cy-*

1 *bersecurity threat intelligence related to such systems, with-*
2 *out the consent of the owner and operator of the system.*

3 *(e) DEFINITIONS.—In this section:*

4 *(1) The term “appropriate congressional com-*
5 *mittees” means the following:*

6 *(A) The Committee on Homeland Security,*
7 *the Committee on the Judiciary, the Committee*
8 *on Armed Services, the Committee on Oversight*
9 *and Reform, and the Permanent Select Com-*
10 *mittee on Intelligence of the House of Represent-*
11 *atives.*

12 *(B) The Committee on Homeland Security*
13 *and Governmental Affairs, the Committee on the*
14 *Judiciary, the Committee on Armed Services,*
15 *and the Select Committee on Intelligence of the*
16 *Senate.*

17 *(2) The term “critical infrastructure informa-*
18 *tion” has the meaning given such term in section*
19 *2222 of the Homeland Security Act of 2002 (6 U.S.C.*
20 *671).*

21 *(3) The term “cyber threat indicator” has the*
22 *meaning given such term in section 102 of the Cyber-*
23 *security Act of 2015 (6 U.S.C. 1501).*

1 (4) *The term “cybersecurity threat” has the*
2 *meaning given such term in section 102 of the Cyber-*
3 *security Act of 2015 (6 U.S.C. 1501).*

4 (5) *The term “data asset” has the meaning given*
5 *such term in section 3502 of title 44, United States*
6 *Code.*

7 (6) *The term “environment” means the informa-*
8 *tion collaboration environment established under sub-*
9 *section (a).*

10 (7) *The term “information sharing and analysis*
11 *organization” has the meaning given such term in*
12 *section 2222 of the Homeland Security Act of 2002 (6*
13 *U.S.C. 671).*

14 (8) *The term “intelligence community” has the*
15 *meaning given such term in section 3(4) of the Na-*
16 *tional Security Act of 1947 (50 U.S.C. 3003(4)).*

17 (9) *The term “national security system” has the*
18 *meaning given such term in section 3552 of title 44,*
19 *United States Code.*

20 (10) *The term “non-Federal entity” has the*
21 *meaning given such term in section 102 of the Cyber-*
22 *security Act of 2015 (6 U.S.C. 1501).*

23 (11) *The term “Sector Risk Management Agen-*
24 *cy” has the meaning given such term in section 2201*
25 *of the Homeland Security Act of 2002 (6 U.S.C. 651).*

1 **SEC. 1505. DEPARTMENT OF DEFENSE ENTERPRISE-WIDE**
2 **PROCUREMENT OF CYBER DATA PRODUCTS**
3 **AND SERVICES.**

4 *Section 1521 of the National Defense Authorization*
5 *Act for Fiscal Year 2022 (Public Law 117–81; 10 U.S.C.*
6 *2224 note) is amended—*

7 *(1) in subsection (a)(5), by inserting “, includ-*
8 *ing the use of artificial intelligence-based endpoint se-*
9 *curity that prevents cyber attacks and does not re-*
10 *quire constant internet connectivity to function,”*
11 *after “services”; and*

12 *(2) in subsection (b), by inserting “, including*
13 *by enhancing the security of the software supply*
14 *chain of the Department” after “best interests of the*
15 *Department”.*

16 **SEC. 1506. CYBERSECURITY OF MILITARY STANDARDS FOR**
17 **DATA.**

18 *(a) IN GENERAL.—No later than 270 days after enact-*
19 *ment of this act, the principal staff assistant designated*
20 *with primary responsibility for the Strategic Cybersecurity*
21 *Program of the Department of Defense pursuant to para-*
22 *graph (2) of section 1640(c) of the National Defense Author-*
23 *ization Act for Fiscal Year 2018 (Public Law 115–91; 10*
24 *U.S.C. 2224 note), as amended by section 1502 of this Act,*
25 *shall conduct a comprehensive review of Military Standard*
26 *1553 (in this section referred to as “MIL–STD–1553”). At*

1 *the discretion of the Secretary of Defense, the review re-*
2 *quired under this subsection may include reviews of addi-*
3 *tional serial data standards beyond MIL–STD–1553.*

4 (b) *ELEMENTS.—The review required under subsection*
5 *(a) shall include the following elements:*

6 (1) *An identification of programs and weapon*
7 *systems currently employing MIL–STD–1553 and*
8 *other serial data standards, as appropriate, across the*
9 *Department of Defense, the military departments, and*
10 *components, with notations for any programs pre-*
11 *viously assessed by the Strategic Cybersecurity Pro-*
12 *gram.*

13 (2) *An evaluation of, and inventory for, the*
14 *vulnerabilities to MIL–STD–1553 and other serial*
15 *data standards, as appropriate.*

16 (3) *An inventory of potential commercial- and*
17 *Government-sourced mitigations and solutions, either*
18 *in use or available to program offices.*

19 (4) *An assessment of potential changes to address*
20 *identified vulnerabilities to MIL–STD–1553 and*
21 *other serial data standards, as appropriate.*

22 (c) *DETERMINATION.—Based on the findings of the re-*
23 *view required under subsection (a), the Secretary of Defense*
24 *shall determine whether to revise or update MIL–STD–1553*
25 *and other serial data standards, as appropriate.*

1 (d) *GUIDANCE.*—Subsequent to the completion of the
2 review required under subsection (a), the head of the Stra-
3 tegic Cybersecurity Program shall issue guidance across the
4 Department for program managers involved in procuring
5 weapon systems that use MIL–STD–1553 and other serial
6 data standards, as appropriate. The guidance shall include
7 information related to the potential threats to MIL–STD–
8 1553, available mitigations and solutions, and technical re-
9 sources for program managers to use in addressing issues
10 with MIL–STD–1553 and other data serial standards, as
11 appropriate.

12 (e) *COMPLIANCE CERTIFICATION.*—Subject to the find-
13 ings for the review required under subsection (a), the senior
14 official identified pursuant to section 1647(j) of the Na-
15 tional Defense Authorization Act for Fiscal Year 2016 (Pub-
16 lic Law 114–92) for a military department and the service
17 acquisition executive (as such term is defined in section
18 101(10) of title 10, United States Code) shall, if applicable,
19 issue a certification that mitigations identified by the Stra-
20 tegic Cybersecurity Program for assessed weapons systems
21 have been applied and corrected. Not later than one year
22 after the date of the enactment of this Act, such senior offi-
23 cial and the service acquisition executive shall submit to
24 the congressional defense committees such assessment.

1 (f) *TEST AND EVALUATION.*—*The Director of Oper-*
 2 *ational Test and Evaluation may include evaluations of*
 3 *MIL–STD–1553 and other serial data standards, as appro-*
 4 *priate, in reports required to be provided to the congres-*
 5 *sional defense committees pursuant to law.*

6 (g) *REPORT.*—*Not later than 45 days after completion*
 7 *of the review required under subsection (a), the head of the*
 8 *Strategic Cybersecurity Program shall submit to the con-*
 9 *gressional defense committees—*

10 (1) *a report on the review required under sub-*
 11 *section (a); and*

12 (2) *a copy of the guidance required under sub-*
 13 *section (d).*

14 ***Subtitle B—Information Operations***

15 ***SEC. 1511. MILITARY OPERATIONS IN INFORMATION ENVI-***

16 ***RONMENT: AUTHORITY AND NOTIFICATIONS.***

17 (a) *IN GENERAL.*—*Chapter 19 of title 10, United*
 18 *States Code, is amended by inserting after section 397 the*
 19 *following new section (and conforming the table of contents*
 20 *at the beginning of such chapter accordingly):*

21 ***“§ 398. Military operations in information environ-***
 22 ***ment: authority and notification require-***
 23 ***ments***

24 “(d) *NOTIFICATION REQUIREMENTS.*—(1) *The Sec-*
 25 *retary of Defense shall promptly submit to the appropriate*

1 congressional committees notice in writing of any clandestine military operation in the information environment
2
3 conducted under this title no later than 48 hours following
4 such operation.

5 “(2)(A) The Secretary shall establish and submit to the
6 appropriate congressional committees procedures for complying with the requirements of paragraph (1). The Secretary shall promptly notify the appropriate congressional
7 committees in writing of any changes to such procedures
8 at least 14 days prior to the adoption of any such changes.
9

10 “(B) The appropriate congressional committees shall
11 ensure that committee procedures designed to protect from
12 unauthorized disclosure classified information relating to
13 national security of the United States are sufficient to protect the information that is submitted to the committees
14 pursuant to this section.
15

16 “(C) In the event of an unauthorized disclosure of a
17 clandestine military operation in the information environment covered by this section, the Secretary shall ensure, to
18 the maximum extent practicable, that the appropriate congressional committees are notified immediately of the clandestine military operation in the information environment
19 concerned. The notification under this paragraph may be
20 verbal or written, but in the event of a verbal notification
21
22
23
24

1 *a written notification shall be provided by not later than*
2 *48 hours after the provision of the verbal notification.*

3 “(e) *PROHIBITION.—No clandestine military oper-*
4 *ation in the information environment may be conducted*
5 *which is intended to influence United States political proc-*
6 *esses, public opinion, policies, or media.”.*

7 (b) *TRANSFER.—Section 1631 of the National Defense*
8 *Authorization Act for Fiscal Year 2020 (Public Law 116–*
9 *92; 133 Stat. 1741) is amended as follows:*

10 (1) *Subsections (b), (c), and (d) are—*

11 (A) *transferred to section 398 of title 10,*
12 *United States Code, as added by subsection (a)*
13 *of this section;*

14 (B) *inserted before subsection (b) of such*
15 *section 398; and*

16 (C) *redesignated as subsections (a), (b), and*
17 *(c), respectively.*

18 (2) *Subsection (e) is—*

19 (A) *transferred to such section 398;*

20 (B) *inserted after subsection (e) of such sec-*
21 *tion; and*

22 (C) *redesignated as subsection (f).*

23 (3) *Subsection (i) is—*

24 (A) *transferred to such section 398;*

1 (B) inserted after subsection (f) of such sec-
2 tion; and

3 (C) redesignated as subsection (g).

4 (c) *QUARTERLY BRIEFINGS*.—Subsection (c) of section
5 398 of title 10, United States Code, as added by subsection
6 (a) of this section and designated by subsection (b), is
7 amended by striking “congressional defense committees”
8 and inserting “appropriate congressional committees”.

9 (d) *DEFINITIONS*.—Subsection (g) of section 398 of
10 title 10, United States Code, as added by subsection (a) of
11 this section and designated by subsection (b), is amended—

12 (1) in paragraph (3), by inserting “in the infor-
13 mation environment” before “, or associated”; and

14 (2) by adding at the end the following new para-
15 graph:

16 “(4) The term ‘appropriate congressional com-
17 mittees’ means—

18 “(A) the congressional defense committees;

19 “(B) the Committee on Foreign Affairs and
20 the Permanent Select Committee on Intelligence
21 of the House of Representatives; and

22 “(C) the Committee on Foreign Relations
23 and the Select Committee on Intelligence of the
24 Senate.”.

1 **SEC. 1512. LIMITATION ON AVAILABILITY OF CERTAIN**
2 **FUNDS UNTIL SUBMISSION OF JOINT LEXI-**
3 **CON FOR TERMS RELATED TO INFORMATION**
4 **OPERATIONS.**

5 *Of the funds authorized to be appropriated by this Act*
6 *or otherwise made available for fiscal year 2023 for oper-*
7 *ation and maintenance, Defense-wide, and available for the*
8 *Office of the Secretary of Defense for the travel of persons,*
9 *not more than 75 percent may be obligated or expended*
10 *until the date on which the Secretary submits to the Com-*
11 *mittees on Armed Services of the House of Representatives*
12 *and the Senate the joint lexicon for terms related to infor-*
13 *mation operations required by section 1631(g)(1)(D) of the*
14 *National Defense Authorization Act for Fiscal Year 2020*
15 *(Public Law 116–92; 10 U.S.C. 397 note).*

16 **SEC. 1513. JOINT INFORMATION OPERATIONS COURSE.**

17 *(a) JOINT INFORMATION OPERATIONS COURSE.—The*
18 *Secretary of Defense shall provide to members of the Army,*
19 *Navy, Air Force, Marine Corps, and Space Force a course*
20 *to prepare the members to plan and conduct information*
21 *operations in a joint environment pursuant to title 10,*
22 *United States Code. Such course shall include—*

23 *(1) standardized qualifications and procedures to*
24 *enable the joint and synchronized employment of in-*
25 *formation-related capabilities in the information en-*
26 *vironment;*

1 (2) *joint methods to implement information op-*
2 *erations in a battlefield environment under any*
3 *ground force chain of command; and*

4 (3) *a curriculum covering applicable assets, core*
5 *information operations concepts, integration of effects*
6 *with a specific focus on information-related effects,*
7 *operational methodology, multi-dimensional targeting*
8 *space, other information-related capabilities defined*
9 *by governing policy, instruction, publications, and*
10 *doctrine, and any other topics or areas determined*
11 *necessary by the Secretary.*

12 (b) *SEMIANNUAL REPORTS.*—*On a semiannual basis*
13 *through January 1, 2028, the Secretary shall submit to the*
14 *congressional defense committees a report on the course pro-*
15 *vided under subsection (a). Each report shall include, with*
16 *respect to the period covered by the report—*

17 (1) *the number of members described in sub-*
18 *section (a) who attended the course; and*

19 (2) *an assessment of the value of the course in—*

20 (A) *conducting joint operations in the infor-*
21 *mation environment; and*

22 (B) *the synchronized employment of infor-*
23 *mation-related capabilities in the information*
24 *environment.*

1 **SEC. 1514. CONSISTENCY IN DELEGATION OF CERTAIN AU-**
2 **THORITIES RELATING TO INFORMATION OP-**
3 **ERATIONS.**

4 *Except as otherwise provided specifically by law, if*
5 *any roles or responsibilities relating to information oper-*
6 *ations are assigned pursuant to a provision of law or by*
7 *the direction of the Secretary of Defense to the Under Sec-*
8 *retary of Defense for Policy, the Under Secretary shall en-*
9 *sure that such roles or responsibilities are assigned or other-*
10 *wise delegated to the same position within the Office of the*
11 *Under Secretary of Defense of Policy.*

12 **SEC. 1515. ASSESSMENT AND OPTIMIZATION OF DEPART-**
13 **MENT OF DEFENSE INFORMATION OPER-**
14 **ATIONS WITHIN THE CYBER DOMAIN.**

15 *(a) ASSESSMENT AND PLAN.—Not later than 90 days*
16 *after the date of the enactment of this Act, the Principal*
17 *Information Operations Advisor and the Principal Cyber*
18 *Advisor to the Secretary of Defense, in coordination with*
19 *the Commander of the United States Cyber Command, shall*
20 *complete both an assessment and an optimization plan for*
21 *integrating all information and influence operations within*
22 *cyberspace across the Department of Defense.*

23 *(b) ELEMENTS.—The assessment under subsection (a)*
24 *shall include the following:*

1 (1) *An inventory of the components of the De-*
2 *partment of Defense conducting information and in-*
3 *fluence operations within cyberspace.*

4 (2) *An examination of sufficiency of resources al-*
5 *located for information and influence operations*
6 *within cyberspace.*

7 (3) *An evaluation of the command and control,*
8 *oversight, and management of matters related to in-*
9 *formation and influence operations within cyberspace*
10 *across the Office of the Secretary of Defense and the*
11 *Joint Staff.*

12 (4) *Any other matters determined relevant by the*
13 *Principal Information Operations Advisor and the*
14 *Principal Cyber Advisor to the Secretary of Defense,*
15 *in coordination with the Commander of the United*
16 *States Cyber Command.*

17 (c) *OPTIMIZATION PLAN.*—*The optimization plan*
18 *under subsection (a) shall include the following:*

19 (1) *Actions that the Department will implement*
20 *to integrate all Department information and influ-*
21 *ence operations within cyberspace in a manner that*
22 *ensures the proper level of visibility, unity of effort,*
23 *synchronization, and deconfliction.*

24 (2) *Coordination procedures within the Depart-*
25 *ment to ensure that coordination with the Com-*

1 *mander of the United States Cyber Command takes*
2 *place with regard to unity of effort, synchronization,*
3 *deconfliction of information and influence operations*
4 *within cyberspace.*

5 *(3) An evaluation of potential organizational*
6 *changes required to optimize information and influ-*
7 *ence operations within cyberspace.*

8 *(4) Any other matters determined relevant by the*
9 *Principal Information Operations Advisor and the*
10 *Principal Cyber Advisor to the Secretary of Defense,*
11 *in coordination with the Commander of the United*
12 *States Cyber Command.*

13 *(d) BRIEFINGS.—Not later than 30 days after com-*
14 *pleting the assessment and optimization plan under sub-*
15 *section (a), the Principal Information Operations Advisor*
16 *and the Principal Cyber Advisor to the Secretary of De-*
17 *fense, in coordination with the Commander of the United*
18 *States Cyber Command, shall provide to the congressional*
19 *defense committees a briefing on the assessment and plan.*

20 *(e) IMPLEMENTATION.—Not later than 180 days after*
21 *the date on which the briefing is provided under subsection*
22 *(d), the Secretary of Defense shall implement the optimiza-*
23 *tion plan under subsection (a).*

1 ***Subtitle C—Reports and Other***
2 ***Matters***

3 ***SEC. 1531. ANNUAL REPORTS ON SUPPORT BY MILITARY***
4 ***DEPARTMENTS FOR CYBERSPACE OPER-***
5 ***ATIONS.***

6 *Chapter 19 of title 10, United States Code, is amended*
7 *by inserting after section 391 the following new section (and*
8 *conforming the table of sections at the beginning of such*
9 *chapter accordingly):*

10 ***“§391a. Annual reports on support by military de-***
11 ***partments for cyberspace operations***

12 *“(a) REPORTS.—Not later than 15 days after the date*
13 *on which the Secretary of Defense submits to Congress the*
14 *defense budget materials (as defined in section 239 of this*
15 *title) for fiscal year 2024 and each fiscal year thereafter,*
16 *the Commander of the United States Cyber Command shall*
17 *submit to the congressional defense committees a report con-*
18 *taining the following:*

19 *“(1) An evaluation of whether each military de-*
20 *partment is meeting the requirements established by*
21 *the Commander and validated by the Office of the*
22 *Secretary of Defense.*

23 *“(2) For each military department evaluated*
24 *under paragraph (1)—*

1 “(A) a certification that the military de-
2 partment is meeting such requirements; or

3 “(B) a detailed explanation regarding how
4 the military department is not meeting such re-
5 quirements.

6 “(b) *ELEMENTS OF EVALUATION.*—Each evaluation
7 under subsection (a)(1) shall include, with respect to the
8 military department being evaluated, the following:

9 “(1) The adequacy of the policies, procedures,
10 and execution of manning, training, and equipping
11 personnel for employment within the cyber mission
12 force.

13 “(2) The adequacy of the policies and procedures
14 relating to the assignment and assignment length of
15 members of the Army, Navy, Air Force, Marine
16 Corps, or Space Force to the cyber mission force.

17 “(3) The adequacy of the investment toward
18 cyber-peculiar science and technology advancements,
19 with an emphasis on capability development for the
20 cyber mission force.

21 “(4) The sufficiency of the policies, procedures,
22 and investments toward the military occupational
23 specialty, designator, rating, or Air Force specialty
24 code responsible for cyberspace operations.

1 “(5) *In coordination with the Principal Cyber*
2 *Advisor to the Secretary of Defense, an evaluation of*
3 *the use by the military department of the shared lexi-*
4 *con of the Department of Defense specific to cyber-*
5 *space activities.*

6 “(6) *The readiness of the members contributing*
7 *to the cyber mission force and the cyberspace oper-*
8 *ations forces.*

9 “(7) *Any other element determined relevant by*
10 *the Commander.”.*

11 **SEC. 1532. INDEPENDENT REVIEW OF POSTURE AND STAFF-**
12 **ING LEVELS OF OFFICE OF THE CHIEF INFOR-**
13 **MATION OFFICER.**

14 (a) *IN GENERAL.*—*Not later than 180 days after the*
15 *date of the enactment of this Act, the Secretary of Defense*
16 *shall seek to enter into an agreement with an appropriate*
17 *non-Department of Defense entity for the conduct of a com-*
18 *prehensive review of the posture and staffing levels of the*
19 *Office of the Chief Information Officer, as of the date of*
20 *the enactment of this Act.*

21 (b) *MATTERS FOR CONSIDERATION.*—*An agreement*
22 *under subsection (a) shall specify that the review conducted*
23 *under the agreement shall include the evaluation of each*
24 *of the following:*

1 (1) *Any limitations or constraints of the Office*
2 *of the Chief Information Officer in the carrying out*
3 *the entirety of the responsibilities specified in section*
4 *142(b) of title 10, United States Code, based on the*
5 *staffing levels of the Office as of the date of the enact-*
6 *ment of this Act.*

7 (2) *The composition of civilian, military, and*
8 *contractor personnel assigned to the Office of the Chief*
9 *Information Officer, as of such date, including the oc-*
10 *cupational series and military occupational special-*
11 *ties of such personnel, relative to the responsibilities*
12 *specified in such section.*

13 (3) *The organizational construct of the Office of*
14 *the Chief Information Officer, as of such date.*

15 (c) *RECOMMENDATIONS.*—*An agreement under sub-*
16 *section (a) shall specify that the review conducted under*
17 *the agreement shall include recommendations for the Chief*
18 *Information Officer and the congressional defense commit-*
19 *tees, including recommendations derived from the matters*
20 *for consideration specified under subsection (b).*

21 (d) *SUBMITTAL TO CONGRESS.*—*Not later than 30*
22 *days after the date of the completion of the review required*
23 *under subsection (a), the Secretary of Defense shall submit*
24 *to the congressional defense committees a copy of the review.*

1 **SEC. 1533. COMPREHENSIVE REVIEW OF CYBER EXCEPTED**
2 **SERVICE.**

3 (a) *IN GENERAL.*—Not later than 180 days after the
4 date of enactment of this Act, the Chief Information Officer
5 of the Department of Defense, in coordination with the
6 Chief Digital and Artificial Intelligence Officer and the
7 Principal Cyber Advisor of the Department and in con-
8 sultation with the Under Secretary of Defense for Personnel
9 and Readiness, shall conduct a comprehensive review of the
10 Cyber Excepted Service established pursuant to section
11 1599f of title 10, United States Code.

12 (b) *ELEMENTS.*—The review required under subsection
13 (a) shall include a consideration of each of the following
14 elements:

15 (1) *The potential and structural limitations of*
16 *the Cyber Excepted Service, including impediments to*
17 *mobility or advancement by civilian employees cur-*
18 *rently in billets coded for Cyber Excepted Service.*

19 (2) *Matters related to pay disparity and hin-*
20 *drances in compensation relative to the skill sets and*
21 *value of such civilian employees in the private sector.*

22 (3) *Criteria for eligibility of potential Depart-*
23 *ment of Defense components and entities for partici-*
24 *ipation in the Cyber Excepted Service.*

25 (4) *The eligibility for participation in the Cyber*
26 *Excepted Service of civilian employees who are as-*

1 *signed to the Office of the Chief Digital and Artificial*
2 *Intelligence Officer.*

3 (c) *RECOMMENDATIONS.*—*The review required under*
4 *subsection (a) shall include recommendations for the Sec-*
5 *retary of Defense and the congressional defense committees*
6 *with respect to the improvement of the Cyber Excepted*
7 *Service, including recommendations derived from the con-*
8 *sideration of the elements specified in subsection (b).*

9 (d) *SUBMITTAL TO CONGRESS.*—*Not later than 30*
10 *days after the completion of the review required under sub-*
11 *section (a), the Chief Information Officer shall submit to*
12 *the congressional defense committees a copy of the review.*

13 **SEC. 1534. STANDARDIZATION OF AUTHORITY TO OPERATE**
14 **APPLICATIONS IN THE DEPARTMENT OF DE-**
15 **FENSE.**

16 (a) *POLICY.*—

17 (1) *REQUIREMENT.*—*Not later than 270 days*
18 *after the date of the enactment of this Act, the Chief*
19 *Information Officer of the Department of Defense*
20 *shall establish a policy with criteria for the reci-*
21 *procuity of authority to operate for software and hard-*
22 *ware between all networks of the Department of De-*
23 *fense.*

24 (2) *CONTENTS.*—*The policy under paragraph (1)*
25 *shall contain the following:*

1 (A) *Procedures for requesting an authority*
2 *to operate that applies to all networks of the De-*
3 *partment.*

4 (B) *Guidance on when authorizing officials*
5 *should grant an information technology platform*
6 *that has already received an authority to operate*
7 *on another network of the Federal Government a*
8 *reciprocal authority to operate on a network of*
9 *the Department of Defense.*

10 (C) *A standardized format for documenta-*
11 *tion to support the evaluation of a request for an*
12 *authority to operate.*

13 (b) *SINGLE PLATFORM.—Not later than one year after*
14 *the date of the enactment of this Act, the Chief Information*
15 *Officer shall implement a single software tool or platform*
16 *for the submission and review of requests for an authority*
17 *to operate applications. The tool or platform shall—*

18 (1) *be used by all authorizing officials of the De-*
19 *partment for the receipt, review, and adjudication of*
20 *all such requests; and*

21 (2) *authorize persons who submit such requests*
22 *to see the progress of the request at all steps in the*
23 *review process.*

24 (c) *REPORT.—Not later than one year after the date*
25 *of the enactment of this Act, the Chief Information Officer*

1 *shall submit to the congressional defense committees a re-*
2 *port on the following:*

3 (1) *The operational status of the software tool or*
4 *platform implemented under subsection (b).*

5 (2) *A list of all networks and authorizing offi-*
6 *cials of the Department that are using the software*
7 *tool or platform.*

8 (3) *A list of all networks and authorizing offi-*
9 *cials of the Department that are not using the soft-*
10 *ware tool or platform.*

11 (d) *AUTHORITY TO OPERATE DEFINED.—In this sec-*
12 *tion, the term “authority to operate” means the official*
13 *management decision given by a senior organizational offi-*
14 *cial to authorize operation of an information system and*
15 *accept the risk to organizational operations.*

16 **TITLE XVI—SPACE ACTIVITIES,**
17 **STRATEGIC PROGRAMS, AND**
18 **INTELLIGENCE MATTERS**

19 **Subtitle A—Space Activities**

20 **SEC. 1601. REQUIREMENTS FOR PROTECTION OF SAT-**
21 **ELLITES.**

22 *Chapter 135 of title 10, United States Code, is amend-*
23 *ed by inserting after section 2275 the following new section*
24 *(and conforming the table of sections at the beginning of*
25 *such chapter accordingly):*

1 **“§ 2275a. Requirements for protection of satellites**

2 “(a) *ESTABLISHMENT OF REQUIREMENTS.*—Before a
3 major satellite acquisition program achieves Milestone A
4 approval, or equivalent, the Chief of Staff of the Space
5 Force, in consultation with the Commander of the United
6 States Space Command, shall establish requirements for the
7 defense and resilience of the satellites under that program
8 against the capabilities of adversaries to target, degrade,
9 or destroy the satellites.

10 “(b) *DEFINITIONS.*—In this section:

11 “(1) The term ‘major satellite acquisition pro-
12 gram’ has the meaning given that term in section
13 2275 of this title.

14 “(2) The term ‘Milestone A approval’ has the
15 meaning given that term in section 4251 of this title
16 10.”.

17 **SEC. 1602. STRATEGY ON PROTECTION OF SATELLITES.**

18 “(a) *FINDINGS.*—Congress finds the following:

19 “(1) Both Russia and China have demonstrated
20 the capability to target, degrade, and destroy satellites
21 on orbit, whether through kinetic or nonkinetic
22 means.

23 “(2) As recently as November 15, 2021, Russia
24 demonstrated a direct ascent antisatellite weapon.

25 “(3) Also in 2021, China successfully “grappled”
26 a satellite and dragged the satellite out of its orbit to

1 *another location in space, a capability that could be*
2 *used on any other object in space, including satellites*
3 *of the Department of Defense.*

4 *(b) STRATEGY.—*

5 *(1) REQUIREMENT.—Not later than 90 days*
6 *after the date of the enactment of this Act, the Sec-*
7 *retary of Defense, in coordination with the Director*
8 *of National Intelligence, shall make publicly available*
9 *a strategy containing the actions that will be taken*
10 *to defend and protect on-orbit satellites of the Depart-*
11 *ment of Defense and the intelligence community from*
12 *the capabilities of adversaries to target, degrade, or*
13 *destroy satellites.*

14 *(2) FORMS.—The Secretary shall—*

15 *(A) make the strategy under paragraph (1)*
16 *publicly available in unclassified form; and*

17 *(B) submit to the appropriate congressional*
18 *committees an annex, which may be submitted*
19 *in classified form, containing supporting docu-*
20 *ments to the strategy.*

21 *(c) DEFINITIONS.—In this section:*

22 *(1) The term “appropriate congressional com-*
23 *mittees” means—*

24 *(A) the congressional defense committees;*

25 *and*

1 (B) *the Permanent Select Committee on In-*
2 *telligence of the House of Representatives and the*
3 *Select Committee on Intelligence of the Senate.*

4 (2) *The term “intelligence community” has the*
5 *meaning given that term in section 3(4) of the Na-*
6 *tional Security Act of 1947 (50 U.S.C. 3003(4)).*

7 **SEC. 1603. NATIONAL SECURITY SPACE LAUNCH PROGRAM.**

8 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
9 *that—*

10 (1) *the acquisition approach for phase three of*
11 *the National Security Space Launch program should*
12 *account for changes in the launch industry and*
13 *planned architectures of the Space Force;*

14 (2) *the supply of launches for phase three may*
15 *be impacted by increases in commercial space launch*
16 *demand;*

17 (3) *the Secretary of the Air Force should explore*
18 *new and innovative acquisition approaches to lever-*
19 *age launch competition within the commercial mar-*
20 *ket; and*

21 (4) *in developing the acquisition strategy for*
22 *phase three, the Secretary should—*

23 (A) *consider the scope of phase three mani-*
24 *fest requirements in comparison to the Orbital*

1 *Services Program and other potential contract*
2 *vehicles for launches;*

3 *(B) ensure the continued assured access to*
4 *space;*

5 *(C) emphasize free, fair, and open competi-*
6 *tion;*

7 *(D) capitalize on competition across the*
8 *commercial launch industry;*

9 *(E) examine all possible options for award-*
10 *ing contracts for launches during the period cov-*
11 *ered by the phase, including, block-buys, indefi-*
12 *nite delivery, indefinite quantity, or a hybrid*
13 *approach;*

14 *(F) consider tailorable mission assurance*
15 *options informed by previous launch vehicle per-*
16 *formance metrics;*

17 *(G) include options for adding launch pro-*
18 *viders, launch systems, or both, during the execu-*
19 *tion of phase three to address manifest changes*
20 *beyond the planned national security space*
21 *unique launches at the time of initial award;*

22 *(H) maintain understanding of the com-*
23 *mercial launch industry and launch capacity*
24 *needed to fulfill the requirements of the National*
25 *Security Space Launch program; and*

1 (I) allow for rapid development and on-
2 orbit deployment of enabling and trans-
3 formational technologies required to address
4 emerging requirements, including with respect
5 to—

6 (i) delivery of in-space transportation,
7 logistics, and on-orbit servicing capabilities
8 to enhance the persistence, sensitivity, and
9 resiliency of national security space mis-
10 sions in a contested space environment;

11 (ii) proliferated low-Earth orbit con-
12 stellations deployment;

13 (iii) routine access to extended orbits
14 beyond geostationary orbits, including
15 cislunar orbits;

16 (iv) payload fairings that exceed cur-
17 rent launch requirements;

18 (v) increased responsiveness for heavy
19 lift capability;

20 (vi) the ability to transfer orbits, in-
21 cluding point-to-point orbital transfers;

22 (vii) capacity and capability to execute
23 secondary deployments;

24 (viii) high-performance upper stages;

25 (ix) vertical integration; and

1 (x) *other new missions that are outside*
2 *the parameters of the nine design reference*
3 *missions that exist as of the date of the en-*
4 *actment of this Act.*

5 (b) *QUARTERLY BRIEFINGS.—On a quarterly basis*
6 *until the date on which the Secretary of the Air Force*
7 *awards a phase three contract, the Commander of the Space*
8 *Systems Command shall provide to the appropriate con-*
9 *gressional committees a briefing on the development of the*
10 *phase three acquisition strategy, including how the matters*
11 *described subsection (a) are being considered in such strat-*
12 *egy.*

13 (c) *NOTIFICATION OF RESULTS OF MISSION ASSIGN-*
14 *MENT BOARD.—Not later than 14 days after the date on*
15 *which a phase two mission assignment board is completed,*
16 *the Commander of the Space Systems Command shall no-*
17 *tify the appropriate congressional committees of the launch*
18 *assignment results of the board.*

19 (d) *DEFINITIONS.—In this section:*

20 (1) *The term “appropriate congressional com-*
21 *mittees” means—*

22 (A) *the congressional defense committees*
23 *with respect to all briefings provided under sub-*
24 *section (b) and notifications made under sub-*
25 *section (c); and*

1 (B) in addition to the congressional defense
2 committees, the Permanent Select Committee on
3 Intelligence of the House of Representatives and
4 the Select Committee on Intelligence of the Sen-
5 ate with respect to—

6 (i) briefings required under subsection
7 (b) regarding requirements of the intel-
8 ligence community being incorporated into
9 phase three planning; and

10 (ii) notifications made under sub-
11 section (c) regarding an assignment that in-
12 cludes capabilities being launched for the
13 intelligence community.

14 (2) The term “intelligence community” has the
15 meaning given that term in section 3(4) of the Na-
16 tional Security Act of 1947 (50 U.S.C. 3003(4)).

17 (2) The term “phase three” means, with respect
18 to the National Security Space Launch program,
19 launch missions ordered under the program after fis-
20 cal year 2024.

21 (3) The term “phase two” means, with respect to
22 the National Security Space Launch program, launch
23 missions ordered under the program during fiscal
24 years 2020 through 2024.

1 **SEC. 1604. RESPONSIVE SPACE STRATEGY, PRINCIPLES,**
2 **MODEL ARCHITECTURE, AND IMPLEMENTA-**
3 **TION PLANS.**

4 (a) *STRATEGY, PRINCIPLES, AND MODEL ARCHITEC-*
5 *TURE.*—Not later than 270 days after the date of the enact-
6 ment of this Act, the Chief of Space Operations and the
7 Commander of the United States Space Command shall
8 jointly develop a responsive space strategy, principles, and
9 a model architecture to be implemented across the United
10 States Space Command and the Combined Force Space
11 Component Command.

12 (b) *ELEMENTS.*—The responsive space strategy, prin-
13 ciples, and model architecture under subsection (a) shall in-
14 clude, at a minimum, the following elements:

15 (1) *Prioritized policies and procedures.*

16 (2) *Policies specific to launch, buses, payloads,*
17 *ground infrastructure, and networks.*

18 (3) *Specification of enterprise-wide acquisitions*
19 *of capabilities conducted pursuant to the policies re-*
20 *ferred to in paragraph (2).*

21 (4) *Roles, responsibilities, functions, and oper-*
22 *ational workflows of responsive space architecture and*
23 *infrastructure personnel—*

24 (A) *of the Army, Navy, Air Force, Marine*
25 *Corps, and Space Force and the combatant com-*
26 *mands; and*

1 (B) *the Combined Force Space Component*
2 *Command.*

3 (c) *ARCHITECTURE DEVELOPMENT AND IMPLEMENTA-*
4 *TION.—In developing and implementing the responsive*
5 *space strategy, principles, and model architecture under*
6 *subsection (a), the Chief of Space Operations and the Com-*
7 *mander of the United States Space Command shall coordi-*
8 *nate with—*

9 (1) *the Space Acquisition Council;*

10 (2) *the Director of the Defense Advanced Re-*
11 *search Projects Agency;*

12 (3) *the Chairman of the Joints Chiefs of Staff;*
13 *and*

14 (4) *any other component of the Department of*
15 *Defense, as jointly determined by the Chief of Space*
16 *Operations and the Commander.*

17 (d) *IMPLEMENTATION PLANS.—*

18 (1) *IN GENERAL.—The Chief of Space Oper-*
19 *ations and the Commander of the United State Space*
20 *Command shall ensure that, not later than one year*
21 *after the finalization of the responsive space strategy,*
22 *principles, and model architecture under subsection*
23 *(a), each Space Force delta transmits to the Chief and*
24 *the Commander a draft plan to implement such re-*

1 *sponsive space strategy, principles, and model archi-*
2 *itecture with respect to such delta.*

3 (2) *ELEMENTS.—Each implementation plan*
4 *under paragraph (1) shall include, at a minimum,*
5 *the following with respect to the Space Force delta*
6 *covered by the plan:*

7 (A) *Specific acquisitions, implementations,*
8 *instrumentations, and operational workflows to*
9 *be implemented across responsive space architec-*
10 *tures and infrastructures.*

11 (B) *A detailed schedule with target mile-*
12 *stones and required expenditures.*

13 (C) *Interim and final metrics, including a*
14 *phase mitigation plan.*

15 (D) *Identification of additional funding,*
16 *authorities, organizational changes and policies,*
17 *as may be required.*

18 (E) *Requested waivers, exceptions to policies*
19 *of the Department of Defense, and expected*
20 *delays.*

21 (e) *IMPLEMENTATION OVERSIGHT.—The Chief of*
22 *Space Operations shall—*

23 (1) *assess the implementation plans under sub-*
24 *section (d)(1) for—*

1 (A) adequacy and responsiveness to the re-
2 sponsive space strategy, principles, and model
3 architecture under subsection (a); and

4 (B) appropriate use of enterprise-wide ac-
5 quisitions;

6 (2) ensure, at a high level, the interoperability
7 and compatibility of individual implementation
8 plans of the Space Force deltas;

9 (3) track the use of waivers and exceptions to
10 policy;

11 (4) develop a Responsive Space Scorecard to
12 track and drive implementation of the plans by the
13 Space Force Deltas; and

14 (5) leverage the authorities of the Commander of
15 the United States Space Command to begin imple-
16 mentation of such responsive space strategy, prin-
17 ciples, and model architecture.

18 (f) INITIAL BRIEFINGS.—

19 (1) RESPONSIVE SPACE STRATEGY, PRINCIPLES,
20 AND MODEL ARCHITECTURE.—Not later than 90 days
21 after finalizing the responsive space strategy, prin-
22 ciples, and model architecture under subsection (a),
23 the Chief of Space Operations and the Commander of
24 the United States Space Command shall provide to
25 the congressional defense committees a briefing on

1 *such responsive space strategy, principles, and model*
2 *architecture.*

3 (2) *IMPLEMENTATION PLANS.*—*Not later than 90*
4 *days after the receipt by the Chief of Space Oper-*
5 *ations of an implementation plan transmitted under*
6 *to subsection (d)(1), the Chief shall provide to the con-*
7 *gressional defense committees a briefing on such im-*
8 *plementation plan.*

9 (g) *ANNUAL BRIEFING.*—*During each annual briefing*
10 *provided by the Chief of Space Operations to the congres-*
11 *sional defense committees on the budget occurring during*
12 *the period beginning February 1, 2023, and ending Janu-*
13 *ary 1, 2031, the Chief shall provide updates on the imple-*
14 *mentation of the responsive space strategy, principles, and*
15 *architecture under subsection (a).*

16 (h) *NOTIFICATION REFORMS.*—*Section 9021(c) of title*
17 *10, United States Code, is amended—*

18 (1) *by striking paragraph (2); and*

19 (2) *by striking “(1) The Council” and inserting*
20 *“The Council”.*

21 **SEC. 1605. RESPONSIVE SPACE DEMONSTRATIONS.**

22 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
23 *that demonstrating the ability of the United States to rap-*
24 *idly respond to adversarial threats to the space systems of*
25 *the United States serves as a compelling strategic deterrent*

1 *to adversaries and informs how responsive, resilient, and*
2 *affordable space and launch capabilities can help counter*
3 *growing adversarial threats on an operationally relevant*
4 *timeline.*

5 **(b) ESTABLISHMENT OF PROGRAM.**—*Not later than*
6 *180 days after the date of the enactment of this Act, the*
7 *Secretary of Defense, in consultation with the Chief of*
8 *Space Operations and the Commander of the United States*
9 *Space Command, shall establish a program to demonstrate*
10 *responsive space capabilities through operational exercises,*
11 *wargames, and table-top exercises.*

12 **(c) INITIAL DEMONSTRATION.**—

13 **(1) MISSION.**—*In carrying out the program*
14 *under subsection (b), the Secretary shall conduct a*
15 *rapid reconstitution deterrence demonstration mission*
16 *to—*

17 **(A)** *design, develop, and understand the*
18 *benefit of rapid space reconstitution and space*
19 *augmentation;*

20 **(B)** *simulate real-world scenarios through*
21 *wargames and table-top exercises, including con-*
22 *tested environment scenarios, in which threats to*
23 *the space capabilities of the United States may*
24 *be offset or mitigated by responsive space capa-*
25 *bilities;*

1 (C) *validate the ability to provide an end-*
2 *to-end responsive space mission with responsive*
3 *launch, satellite deployment, and data to users*
4 *within rapid mission call-up timelines; and*

5 (D) *integrate such launches with the joint*
6 *force under simulated contested conditions*
7 *through the rapid deployment of launch infra-*
8 *structure to existing Major Range and Test Fa-*
9 *cility Bases.*

10 (2) *REPORT.—Not later than 90 days after the*
11 *date of the enactment of this Act, the Secretary shall*
12 *submit to the congressional defense committees a re-*
13 *port on the mission under paragraph (1), including—*

14 (A) *an assessment of the mission with re-*
15 *spect to the operational and strategic benefits to*
16 *the space-related missions of the Department of*
17 *Defense;*

18 (B) *a proposed organization and manage-*
19 *ment structure of the mission;*

20 (C) *a timeline for implementing the dem-*
21 *onstrations under the mission; and*

22 (D) *budget estimates and financial forecast*
23 *for the demonstrations.*

1 **SEC. 1606. ALLIED RESPONSIVE SPACE CAPABILITIES.**

2 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
3 *that—*

4 (1) *it is in the common interest of the United*
5 *States and allies and partners of the United States to*
6 *strive for accessibility and flexibility for delivering*
7 *assets into space on a responsive timeline;*

8 (2) *the United States should implement joint*
9 *United States-allied space missions that demonstrate*
10 *rapid, rapid launch, reconstitution and satellite aug-*
11 *mentation from locations in the Indo-Pacific, Euro-*
12 *pean, and other theaters of operations;*

13 (3) *the United States should leverage allied and*
14 *partner spaceports to diversify and disaggregate*
15 *launch sites across the world for a multitude of mis-*
16 *sions, including national security missions; and*

17 (4) *it is important for the United States to have*
18 *operational and contracting steps established with al-*
19 *lies and partners to ensure readiness and prepared-*
20 *ness for responding to or deterring any unknown*
21 *threats.*

22 (b) *INITIATIVES.*—*The Secretary of the Defense and the*
23 *Secretary of State shall jointly—*

24 (1) *ensure that responsive space capabilities of*
25 *the Department of Defense align with initiatives by*
26 *Five Eyes countries, member states of the North At-*

1 *lantic Treaty Organization, and other allies to pro-*
2 *mote a globally responsive space architecture; and*

3 *(2) designate a single official responsible for co-*
4 *ordinating responsive space activities with allied*
5 *partners.*

6 *(c) REPORT.—Not later than 180 days after the date*
7 *of the enactment of this Act, the Secretary of Defense and*
8 *the Secretary of State, in coordination with the Commander*
9 *of the United States European Command, the Commander*
10 *of the United States Indo-Pacific Command, the Com-*
11 *mander of the United States Space Command, and the Sec-*
12 *retary of State, shall jointly submit to the congressional de-*
13 *fense committees, the Committee on Foreign Affairs of the*
14 *House of Representatives, and the Committee on Foreign*
15 *Relations of the Senate a report assessing current invest-*
16 *ments and partnerships by the United States with allies*
17 *of the United States with respect to responsive space efforts.*
18 *The report shall include the following:*

19 *(1) An assessment of the benefits of leveraging al-*
20 *lied and partner spaceports for responsive launch.*

21 *(2) A discussion of current and future plans to*
22 *engage with allies and partners with respect to activi-*
23 *ties ensuring rapid reconstitution or augmentation of*
24 *the space capabilities of the United States and allies.*

1 (3) *An assessment of the shared costs and tech-*
2 *nology between the United States and allies, includ-*
3 *ing leveraging investments from the Pacific Deter-*
4 *rence Initiative and the European Deterrence Initia-*
5 *tive.*

6 (d) *FIVE EYES COUNTRIES DEFINED.*—*In this section,*
7 *the term “Five Eyes countries” means the following:*

8 (1) *Australia.*

9 (2) *Canada.*

10 (3) *New Zealand.*

11 (4) *The United Kingdom.*

12 (5) *The United States.*

13 **SEC. 1607. REPORT ON TACTICALLY RESPONSIVE SPACE CA-**
14 **PABILITIES.**

15 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
16 *that—*

17 (1) *the Space Safari tactically responsive*
18 *launch-2 mission of the Space Systems Command of*
19 *the Space Force successfully demonstrated the ability*
20 *of the Space Force to rapidly integrate, launch, and*
21 *operate a satellite on orbit on a timeline that would*
22 *be needed for rapid reconstitution or to respond to*
23 *real-time hostile activities occurring in the domain;*

24 (2) *the Space Force should continue these efforts,*
25 *and broaden the program beyond the logistics of*

1 *launch and operations to also focus on lifecycle con-*
2 *cepts of operation, as well as any contractual mecha-*
3 *nisms that should be required in future programs to*
4 *take into account the need for rapid reconstitution*
5 *and responsiveness;*

6 *(3) the Chief of Space Operations should for-*
7 *malize tactically responsive requirements for all space*
8 *capabilities carried out under title 10, United States*
9 *Code; and*

10 *(4) to take into totality the effort required for*
11 *tactically responsive launch, the Space Force should*
12 *consider adding a corresponding budget line item for*
13 *“Tactically Responsive Space” to fund areas beyond*
14 *launch that would contribute to responsive space ac-*
15 *tivities.*

16 *(b) REPORT.—Not later than 30 days after the date*
17 *on which the budget of the President for fiscal year 2024*
18 *is submitted to Congress pursuant to section 1105 of title*
19 *31, United States Code, the Chief of Space Operations shall*
20 *submit to the congressional defense committees a report on*
21 *planned tactically responsive space activities pursuant to*
22 *section 1609 of the William M. (Mac) Thornberry National*
23 *Defense Authorization Act for Fiscal Year 2021 (Public*
24 *Law 116–283; 10 U.S.C. 2271 note) included during the*
25 *period covered by the most recent future-years defense pro-*

1 *gram submitted under section 221 of title 10, United States*
2 *Code (as of the date of the report), including a detailed*
3 *budget plan for launch activities and all other efforts needed*
4 *to enable tactically responsive space capabilities.*

5 **SEC. 1608. SENSE OF CONGRESS ON RANGE OF THE FUTURE**
6 **AND SUPPORT TO COMMERCIAL SPACE**
7 **LAUNCH ACTIVITY.**

8 *It is the sense of Congress that—*

9 *(1) section 1610 of the National Defense Author-*
10 *ization Act for Fiscal Year 2022 contained a provi-*
11 *sion requiring the United States Space Force to de-*
12 *liver a report on its Range of the Future initiative;*

13 *(2) based on the details in that report, that the*
14 *Nation's launch service providers, consistent with dec-*
15 *ades of national policy, now lead the world in space*
16 *access, that United States leadership in this strategic*
17 *capability is critical to national security and eco-*
18 *nomie vitality, and that it is critical to the Nation*
19 *to continue encouraging and enabling United States*
20 *space access capabilities to flourish;*

21 *(3) the rapid growth of the commercial launch*
22 *industry places a growing demand on Department of*
23 *Defense resources at Federal space launch ranges, and*
24 *that this demand growth will continue for the foresee-*
25 *able future;*

1 (4) *the 1960s-era infrastructure of the two De-*
2 *partment of Defense launch ranges primarily respon-*
3 *sible for meeting its assured access to space mission*
4 *under section 2273 of title 10, United States Code,*
5 *and complying with section 2276 of such title, is*
6 *under increasing strain, and needs to be replaced*
7 *with a modern, state of the art launch infrastructure*
8 *that encourages and enables continued growth and*
9 *leadership in space access;*

10 (5) *maintenance of common use critical infra-*
11 *structure like roads, culverts, bridges, deluge and*
12 *water treatment facilities, supply lines, and electrical*
13 *networks, among others, require immediate attention;*

14 (6) *investments in infrastructure have not kept*
15 *pace with commercial demand primarily due to exist-*
16 *ing authorities which limit reimbursement, flexible fi-*
17 *nancial investment facilities, and reinvestment of rev-*
18 *enue in spaceport sustainment, modernization, and*
19 *growth;*

20 (7) *the burgeoning commercial space industry re-*
21 *quires a more holistic, responsive process leveraging*
22 *public and private investment;*

23 (8) *the Department of Defense is constrained to*
24 *provide services to commercial users only when not*
25 *needed for public use, yet at the same time must pro-*

1 *mote commercial space launch capabilities as a crit-*
2 *ical enabler to national security;*

3 *(9) the United States Space Force has made*
4 *great use of existing authorities and those provided by*
5 *other non-Federal entities to leverage other sources of*
6 *commercial and State investment to keep pace with*
7 *demand;*

8 *(10) a similar State business development entity*
9 *would be useful for supporting commercial space*
10 *launch capability development in California at Van-*
11 *denberg Space Force Base and other spaceports, and*
12 *Congress looks forward to assisting the Department of*
13 *Defense in improving its ability to plan and support*
14 *commercial innovation while continuing to provide*
15 *world class launch and test facilities; and*

16 *(11) the Secretary and the Department should*
17 *engage with all stakeholders, including NASA, other*
18 *relevant Federal agencies, and the associated congress-*
19 *sional authorizing committees of jurisdiction, in any*
20 *reporting, negotiation, policy, and potential legisla-*
21 *tive proposals on this matter.*

1 ***Subtitle B—Defense Intelligence***
2 ***and Intelligence-Related Activities***

3 ***SEC. 1621. CONGRESSIONAL OVERSIGHT OF CLANDESTINE***
4 ***ACTIVITIES THAT SUPPORT OPERATIONAL***
5 ***PREPARATION OF THE ENVIRONMENT.***

6 *Section 127f of title 10, United States Code, is amend-*
7 *ed—*

8 *(1) by redesignating subsections (e) and (f) as*
9 *subsections (f) and (g), respectively; and*

10 *(2) by inserting after subsection (d) the following*
11 *new subsection:*

12 “*(e) QUARTERLY BRIEFING.—On a quarterly basis,*
13 *the Under Secretary of Defense for Intelligence and Secu-*
14 *rity, in coordination with the Assistant Secretary of De-*
15 *fense for Special Operations and Low Intensity Conflict,*
16 *shall provide to the congressional defense committees a*
17 *briefing outlining the clandestine activities carried out pur-*
18 *suant to subsection (a) during the period covered by the*
19 *briefing, including—*

20 “*(1) an update on such activities carried out in*
21 *each geographic combatant command and a descrip-*
22 *tion of how such activities support the respective the-*
23 *ater campaign plan;*

1 “(2) an overview of the authorities and legal
2 issues, including limitations, relating to such activi-
3 ties; and

4 “(3) any other matters the Under Secretary con-
5 siders appropriate.”.

6 **SEC. 1622. EXECUTIVE AGENT FOR EXPLOSIVE ORDNANCE**
7 **INTELLIGENCE.**

8 (a) *IN GENERAL.*—Subchapter I of chapter 21 of title
9 10, United States Code, is amended by adding at the end
10 the following new section:

11 **“§430c. Executive agent for explosive ordnance intel-
12 ligence**

13 “(a) *DESIGNATION.*—The Secretary of Defense shall
14 designate the Director of the Defense Intelligence Agency as
15 the executive agent for explosive ordnance intelligence.

16 “(b) *DEFINITIONS.*—In this section:

17 “(1) The term ‘explosive ordnance intelligence’
18 means technical intelligence relating to explosive ord-
19 nance (as defined in section 283(d) of this title), in-
20 cluding with respect to the processing, production,
21 dissemination, integration, exploitation, evaluation,
22 feedback, and analysis of explosive ordnance using the
23 skills, techniques, principles, and knowledge of explo-
24 sive ordnance disposal personnel regarding fuzing,
25 firing systems, ordnance disassembly, and develop-

1 *ment of render safe techniques, procedures and tools,*
2 *publications, and applied technologies.*

3 *“(2) The term ‘executive agent’ has the meaning*
4 *given the term ‘DoD Executive Agent’ in Directive*
5 *5101.1.”.*

6 *(b) CLERICAL AMENDMENT.—The table of sections at*
7 *the beginning of such chapter is amended by inserting after*
8 *the item relating to section 430b the following new item:*
 “430c. Executive agent for explosive ordnance intelligence.”.

9 *(c) DATE OF DESIGNATION.—The Secretary of Defense*
10 *shall make the designation under section 430c of title 10,*
11 *United States Code, as added by subsection (a), by not later*
12 *than 30 days after the date of the enactment of this Act.*

13 **SEC. 1623. INFORMATION ON COVER AND COVER SUPPORT**
14 **ACTIVITIES.**

15 *(a) INFORMATION.—Not less frequently than quarterly,*
16 *the Secretary of Defense shall provide to the appropriate*
17 *congressional committees information on the cover and*
18 *cover support activities of the Department of Defense, in-*
19 *cluding commercial activities conducted pursuant to section*
20 *431 of title 10, United States Code.*

21 *(b) ELEMENTS.—The Secretary shall ensure that the*
22 *information provided under subsection (a) includes, with*
23 *respect to the period covered by the information, the fol-*
24 *lowing:*

1 (1) *A detailed description of each activity, oper-*
 2 *ation, or other initiative for which an element of the*
 3 *Department of Defense has provided cover or engaged*
 4 *in cover support activities, including—*

5 (A) *a description of the specific cover and*
 6 *cover support activities; and*

7 (B) *whether such cover and cover support*
 8 *activities began before or during such period.*

9 (2) *Any other matters the Secretary determines*
 10 *appropriate.*

11 (c) *FORM.—The information under subsection (a) may*
 12 *be provided in classified form.*

13 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
 14 *FINED.—In this section, the term “appropriate congres-*
 15 *sional committees” means—*

16 (1) *the congressional defense committees; and*

17 (2) *the Permanent Select Committee on Intel-*
 18 *ligence of the House of Representatives and the Select*
 19 *Committee on Intelligence of the Senate.*

20 ***Subtitle C—Nuclear Forces***

21 ***SEC. 1631. IMPROVEMENTS TO NUCLEAR WEAPONS COUN-***

22 ***CIL.***

23 (a) *MEETINGS.—Subsection (b) of section 179 of title*
 24 *10, United States Code, is amended—*

1 (1) in paragraph (1), by inserting “and (4)”
2 after “paragraph (2)”; and

3 (2) by adding at the end the following new para-
4 graph:

5 “(4) At least once annually, the Council shall
6 hold a meeting that includes the Deputy Secretary of
7 Defense, who may serve as chair for that meeting.”.

8 (b) *RESPONSIBILITIES*.—Subsection (d) of such section
9 is amended—

10 (1) by redesignating paragraphs (10), (11), and
11 (12) as paragraphs (11), (12), and (13), respectively;

12 (2) by inserting after paragraph (9) the fol-
13 lowing new paragraph (10):

14 “(10) With respect to nuclear warheads—

15 “(A) reviewing military requirements, per-
16 formance requirements, and planned delivery
17 schedules to evaluate whether such requirements
18 and schedules create significant risks to cost,
19 schedules, or other matters regarding production,
20 surveillance, research, and other programs relat-
21 ing to nuclear weapons within the National Nu-
22 clear Security Administration; and

23 “(B) if any such risk exists, proposing and
24 analyzing adjustments to such requirements and
25 schedules.”; and

1 (3) by striking paragraph (13), as so redesign-
2 nated, and inserting the following new paragraph
3 (13):

4 “(13) Coordinating risk management efforts be-
5 tween the Department of Defense and the National
6 Nuclear Security Administration relating to the nu-
7 clear weapons stockpile, the nuclear security enter-
8 prise (as defined in section 4002 of the Atomic En-
9 ergy Defense Act (50 U.S.C. 2501)), and the delivery
10 platforms for nuclear weapons, including with respect
11 to identifying and analyzing risks and proposing ac-
12 tions to mitigate risks.”.

13 (c) *REPORTS RELATING TO SAFETY.*—Subsection (e)
14 of such section is amended by striking “conducted by the
15 Council” and inserting “for which the Council has received
16 a briefing”.

17 (d) *PLANS AND BUDGET.*—Subsection (f) of such sec-
18 tion is amended to read as follows:

19 “(f) *REVIEW AND ASSESSMENT OF PLANS AND BUDG-*
20 *ET TO SUPPORT NUCLEAR WEAPONS REQUIREMENTS.*—(1)
21 The Council shall annually review the plans and budget
22 of the National Nuclear Security Administration and assess
23 whether such plans and budget meet the current and pro-
24 jected requirements relating to nuclear weapons.

1 “(2) Not later than 30 days after the President submits
2 to Congress the budget for a fiscal year under section
3 1105(a) of title 31, the Council shall submit to the congress-
4 sional defense committees a report containing the following:

5 “(A) The assessment conducted under paragraph
6 (1) with respect to that budget.

7 “(B) An assessment of—

8 “(i) whether the funding requested for the
9 National Nuclear Security Administration in
10 such budget—

11 “(I) enables the Administrator for Nu-
12 clear Security to meet requirements relating
13 to nuclear weapons for such fiscal year; and

14 “(II) is adequate (as determined pur-
15 suant to section 4717 of the Atomic Energy
16 Defense Act (50 U.S.C. 2757) to implement
17 the objectives of the Department of Defense
18 with respect to nuclear weapons for that fis-
19 cal year; and

20 “(i) whether the plans and budget reviewed
21 under paragraph (1) will enable the Adminis-
22 trator to meet the requirements to produce war
23 reserve plutonium pits under section 4219(a) of
24 such Act (50 U.S.C. 2538a(a)).

1 “(C) If the assessment under subparagraph
2 (B)(ii) determines that the plans and budget reviewed
3 under paragraph (1) will not enable the Adminis-
4 trator to meet the requirements to produce war re-
5 serve plutonium pits under section 4219(a) of the
6 Atomic Energy Defense Act (50 U.S.C. 2538a(a))—

7 “(i) an explanation for why the plans and
8 budget will not enable the Administrator to meet
9 such requirements; and

10 “(ii) proposed alternative plans, budget, or
11 requirements by the Council to meet such re-
12 quirements.

13 “(3) If a member of the Council does not concur in
14 an assessment under paragraph (2), the report under such
15 paragraph shall include a written explanation from the
16 non-concurring member describing the reasons for the mem-
17 ber’s non-concurrence.

18 “(4) In this subsection, the term ‘budget’ has the mean-
19 ing given that term in section 231(f) of this title.”.

20 (e) *UPDATES ON MEETINGS.*—Subsection (g)(1)(A) of
21 such section is amended by inserting before the semicolon
22 the following: “and the members who attended each meet-
23 ing”.

1 (f) *CONFORMING AMENDMENT.*—Section 4717(b)(2) of
 2 *the Atomic Energy Defense Act (50 U.S.C. 2757(b)(2)) is*
 3 *amended—*

4 (1) *in subparagraph (A), by inserting “and”*
 5 *after the semicolon; and*

6 (2) *by striking subparagraphs (B) and (C) and*
 7 *inserting the following new subparagraph (B):*

8 “*(B) submit to the congressional defense*
 9 *committees the information required under sec-*
 10 *tion 179(f)(2) of title 10, United States Code.”.*

11 **SEC. 1632. PORTFOLIO MANAGEMENT FRAMEWORK FOR NU-**
 12 **CLEAR FORCES.**

13 (a) *IN GENERAL.*—Chapter 24 of title 10, United
 14 *States Code, is amended by adding at the end the following*
 15 *new section (and conforming the table of sections at the be-*
 16 *ginning of such chapter accordingly):*

17 **“§ 499c. Portfolio management framework for nuclear**
 18 **forces**

19 “(a) *REQUIREMENT.*—Not later than January 1, 2024,
 20 *the Secretary of Defense shall—*

21 “(1) *implement a portfolio management frame-*
 22 *work for nuclear forces of the United States that—*

23 “(A) *specifies the portfolio of nuclear forces*
 24 *covered by the framework;*

1 “(B) establishes a portfolio governance
2 structure for such forces that takes advantage of,
3 or is modeled on, an existing portfolio govern-
4 ance structure, such as the Deputy’s Management
5 Action Group described in Department of De-
6 fense Directive 5105.79;

7 “(C) outlines the approach of the Secretary
8 for identifying and managing risk relating to
9 such forces and prioritizing the efforts among
10 such forces, including how the Secretary will co-
11 ordinate such identification, management, and
12 prioritization with the Secretary of Energy; and

13 “(D) incorporates the findings and rec-
14 ommendations identified by the Comptroller
15 General of the United States in the report titled
16 ‘Nuclear Enterprise: DOD and NNSA Could
17 Further Enhance How They Manage Risk and
18 Prioritize Efforts’ (GAO–22–104061) and dated
19 January 2022; and

20 “(2) complete a comprehensive assessment of the
21 portfolio management capabilities required to identify
22 and manage risk in the portfolio of nuclear forces.

23 “(b) ANNUAL BRIEFINGS.—(1) In conjunction with the
24 submission of the budget of the President to Congress pursu-
25 ant to section 1105 of title 31 for fiscal year 2025 and each

1 *fiscal year thereafter, the Secretary shall provide to the con-*
2 *gressional defense committees a briefing on identifying and*
3 *managing risk relating to nuclear forces and prioritizing*
4 *the efforts among such forces, including, with respect to the*
5 *period covered by the briefing—*

6 “(A) *the current and projected operational re-*
7 *quirements for nuclear forces that were used for such*
8 *identification, management, and prioritization;*

9 “(B) *key areas of risk identified; and*

10 “(C) *a description of the actions proposed or car-*
11 *ried out to mitigate such risk.*

12 “(2) *The Secretary may provide the briefings under*
13 *paragraph (1) in classified form.*

14 “(c) *NUCLEAR FORCES DEFINED.—In this section, the*
15 *term ‘nuclear forces’ includes, at a minimum—*

16 “(1) *nuclear weapons;*

17 “(2) *the delivery platforms and systems for nu-*
18 *clear weapons;*

19 “(3) *nuclear command, control, and communica-*
20 *tions systems; and*

21 “(4) *the supporting infrastructure for nuclear*
22 *weapons, the delivery platforms and systems for nu-*
23 *clear weapons, and nuclear command, control, and*
24 *communications systems, including related personnel,*
25 *facilities, construction, operation, and maintenance.”.*

1 **(b) INITIAL BRIEFING.**—

2 **(1) REQUIREMENT.**—*Not later than June 1,*
3 *2023, the Secretary of Defense shall provide to the*
4 *congressional defense committees a briefing on the*
5 *progress of the Secretary to—*

6 **(A)** *develop the portfolio management*
7 *framework for nuclear forces under section 499c*
8 *of title 10, United States Code, as added by sub-*
9 *section (a); and*

10 **(B)** *complete the assessment described in*
11 *subsection (a)(2) of such section.*

12 **(2) FORM.**—*The Secretary may provide the*
13 *briefings under paragraph (1) in classified form.*

14 **SEC. 1633. MODIFICATION OF ANNUAL ASSESSMENT OF**
15 **CYBER RESILIENCE OF NUCLEAR COMMAND**
16 **AND CONTROL SYSTEM.**

17 **(a) QUARTERLY BRIEFINGS.**—*Subsection (d) of section*
18 *499 of title 10, United States Code, is amended to read as*
19 *follows:*

20 **“(d) QUARTERLY BRIEFINGS.**—*(1) Not less than once*
21 *every quarter, the Deputy Secretary of Defense and the Vice*
22 *Chairman of the Joint Chiefs of Staff shall jointly provide*
23 *to the Committees on Armed Services of the House of Rep-*
24 *resentatives and the Senate—*

1 “(A) a briefing on any intrusion or anomaly in
2 the nuclear command, control, and communications
3 system that was identified during the previous quar-
4 ter, including—

5 “(i) an assessment of any known, suspected,
6 or potential impacts of such intrusions and
7 anomalies to the mission effectiveness of military
8 capabilities as of the date of the briefing; and

9 “(ii) with respect to cyber intrusions of con-
10 tractor networks known or suspected to have re-
11 sulted in the loss or compromise of design infor-
12 mation regarding the nuclear command, control,
13 and communications system; or

14 “(B) if no such intrusion or anomaly occurred
15 with respect to the quarter to be covered by that brief-
16 ing, a notification of such lack of intrusions and
17 anomalies.

18 “(2) In this subsection:

19 “(A) The term ‘anomaly’ means a malicious,
20 suspicious or abnormal cyber incident that poten-
21 tially threatens the national security or interests of
22 the United States, or that is likely to result in demon-
23 strable harm to the national security of the United
24 States.

1 “(B) *The term ‘intrusion’ means an unauthor-*
2 *ized and malicious cyber incident that compromises a*
3 *nuclear command, control, and communications sys-*
4 *tem by breaking the security of such a system or caus-*
5 *ing it to enter into an insecure state.”.*

6 (b) *CONFORMING REPEAL.—Section 171a of title 10,*
7 *United States Code, is amended—*

8 (1) *by striking subsection (h); and*

9 (2) *by redesignating subsections (i) through (l)*
10 *as subsections (h) through (k), respectively.*

11 **SEC. 1634. NUCLEAR-CAPABLE SEA-LAUNCHED CRUISE MIS-**
12 **SILE.**

13 (a) *FINDINGS.—Congress finds the following:*

14 (1) *Several senior military officers, including the*
15 *Chairman and Vice Chairman of the Joint Chiefs of*
16 *Staff and the Commander of United States Strategic*
17 *Command, have offered their support for continued*
18 *research and development of a nuclear-capable sea-*
19 *launched cruise missile to strengthen nuclear deter-*
20 *rence.*

21 (2) *Deploying a nuclear-capable sea-launched*
22 *cruise missile on naval vessels would “not come with-*
23 *out a cost”, as was testified by Chief of Naval Oper-*
24 *ations Admiral Mike Gilday. Admiral Gilday de-*
25 *scribed the challenges associated with training, sus-*

1 *tainability, reliability, and readiness that would be*
2 *associated with adding a nuclear mission and went*
3 *on to say that he was “not convinced yet that we need*
4 *to make a \$31,000,000,000 investment in that par-*
5 *ticular system to close that particular gap”. Instead,*
6 *he recommended keeping “a small amount of money”*
7 *for research and development of the nuclear-capable*
8 *sea-launched cruise missile as the Department of De-*
9 *fense seeks to better understand the implications of*
10 *living with two nuclear-armed peer competitors.*

11 *(b) REPORTS.—*

12 *(1) DETERRENCE.—Not later than 270 days*
13 *after the date of the enactment of this Act, the Sec-*
14 *retary of the Defense shall submit to the congressional*
15 *defense committees a report that describes the ap-*
16 *proach by the Department of Defense for deterring*
17 *theater nuclear employment by Russia and China, in-*
18 *cluding—*

19 *(A) an assessment of the current and future*
20 *theater nuclear capabilities and doctrine of Rus-*
21 *sia and China;*

22 *(B) an explanation of the strategy and ca-*
23 *pabilities of the United States for deterring the-*
24 *ater nuclear employment; and*

1 (C) a comparative assessment of options for
2 strengthening deterrence of theater nuclear em-
3 ployment, including pursuit of the nuclear-capable
4 sea-launched cruise missile and other poten-
5 tial changes to the nuclear and conventional pos-
6 ture and capabilities of the United States.

7 (2) *COST.*—Not later than 270 days after the
8 date of the enactment of this Act, the Secretary of the
9 Navy shall submit to the congressional defense com-
10 mittees a report that describes the full cost of devel-
11 oping, producing, fielding, and maintaining nuclear-
12 capable sea-launched cruise missiles through at least
13 2050, including—

14 (A) the costs associated with research and
15 development and production of the missile;

16 (B) the costs associated with modifications
17 to port infrastructure;

18 (C) the costs associated with nuclear certifi-
19 cation, personnel training, and operations; and

20 (D) any other incremental costs compared
21 to sustaining and operating nonnuclear naval
22 vessels.

23 (3) *OPERATIONAL LIMITATIONS.*—Not later than
24 270 days after the date of the enactment of this Act,
25 the Secretary of the Navy shall submit to the congres-

1 *sional defense committees a report that describes any*
2 *operational limitations and trade-offs that would be*
3 *associated with deploying nuclear-capable sea-*
4 *launched cruise missiles on naval vessels, including—*

5 *(A) the effect of allocating missile or torpedo*
6 *tubes from conventional munitions to nuclear*
7 *munitions;*

8 *(B) operational constraints and trade-offs*
9 *associated with reserving or limiting naval ves-*
10 *sels on account of nuclear mission requirements;*

11 *(C) trade-offs in posture and capabilities*
12 *that the Navy would likely face if the Navy had*
13 *to allocate more resources to a nuclear-capable*
14 *missiles; and*

15 *(D) any other issues identified by the Sec-*
16 *retary.*

17 *(4) DEVELOPMENT.—Not later than 270 days*
18 *after the date of the enactment of this Act, the Admin-*
19 *istrator for Nuclear Security shall submit to the con-*
20 *gressional defense committees a report that describes*
21 *the cost and timeline of developing and producing a*
22 *warhead for a nuclear-capable sea-launched cruise*
23 *missile, including—*

24 *(A) the cost of developing, producing, and*
25 *sustaining the warhead;*

1 (B) the timeline for the design, production,
2 and fielding of the warhead; and

3 (C) an assessment of how the pursuit of the
4 warhead would affect other planned warhead ac-
5 tivities of the National Nuclear Security Admin-
6 istration, including whether there would be risk
7 to the cost and schedule of other warhead pro-
8 grams of the Administration if the Adminis-
9 trator added a nuclear-capable sea-launched
10 cruise missile warhead to the portfolio of such
11 programs.

12 (5) *PREFERRED COURSE OF ACTION.*—To inform
13 the reports under this subsection, not later than 30
14 days after the date of the enactment of this Act, the
15 Secretary of Defense shall submit to the congressional
16 defense committees a report identifying one or more
17 preferred courses of action from among the actions
18 identified in the analysis of alternatives for a nu-
19 clear-capable sea-launched cruise missile.

20 (c) *LIMITATION.*—

21 (1) *IN GENERAL.*—None of the funds authorized
22 to be appropriated by this Act or otherwise made
23 available for fiscal year 2023 for the Department of
24 Defense or the National Nuclear Security Administra-

1 *tion may be obligated or expended for a purpose spec-*
2 *ified in paragraph (2) until—*

3 *(A) each of the reports under subsection (b)*
4 *have been submitted to the congressional defense*
5 *committees; and*

6 *(B) the Secretary of Defense, in coordina-*
7 *tion with the Administrator for Nuclear Secu-*
8 *rity, certifies to the congressional defense com-*
9 *mittees that the development and deployment of*
10 *a nuclear-capable sea-launched cruise missile is*
11 *required to meet a valid military requirement*
12 *and would not create significant risk to conven-*
13 *tional or nuclear deterrence by constraining con-*
14 *ventional military operations or trading-off with*
15 *the pursuit of other conventional or nuclear mili-*
16 *tary capabilities.*

17 *(2) FUNDS SPECIFIED.—The purposes specified*
18 *in this paragraph are the following:*

19 *(A) With respect to the Department of De-*
20 *fense, system development and demonstration of*
21 *a nuclear-capable sea-launched cruise missile.*

22 *(B) With respect to the National Nuclear*
23 *Security Administration, development engineer-*
24 *ing for a modified, altered, or new warhead for*
25 *a sea-launched cruise missile.*

1 (d) *DEFINITIONS.—In this section:*

2 (1) *The term “development engineering” means*
3 *activities under phase 3 of the joint nuclear weapons*
4 *life cycle (as defined in section 4220 of the Atomic*
5 *Energy Defense Act (50 U.S.C. 2538b) or phase 6.3*
6 *of a nuclear weapons life extension program.*

7 (2) *The term “system development and dem-*
8 *onstration” means the activities occurring in the*
9 *phase after a program achieves Milestone B approval*
10 *(as defined in section 4172 of title 10, United States*
11 *Code).*

12 **SEC. 1635. LIMITATION ON AVAILABILITY OF CERTAIN**
13 **FUNDS UNTIL SUBMISSION OF INFORMATION**
14 **RELATING TO PROPOSED BUDGET FOR NU-**
15 **CLEAR-ARMED SEA-LAUNCHED CRUISE MIS-**
16 **SILE.**

17 *In addition to the limitation under section 1640 of the*
18 *National Defense Authorization Act for Fiscal Year 2022*
19 *(Public Law 117–81; 135 Stat. 2092), of the funds author-*
20 *ized to be appropriated by this Act or otherwise made avail-*
21 *able for fiscal year 2023 for the Office of the Secretary of*
22 *the Navy for travel by the Secretary of the Navy, not more*
23 *than 50 percent may be obligated or expended until the Sec-*
24 *retary submits to the congressional defense committees all*
25 *written communications from or to personnel of the Depart-*

1 *ment of the Navy regarding the proposed budget amount*
2 *or limitation for the nuclear-armed sea-launched cruise*
3 *missile contained in the defense budget materials (as de-*
4 *finied by section 231(f) of title 10, United States Code) relat-*
5 *ing to the Navy for fiscal year 2023.*

6 **SEC. 1636. PROHIBITION ON REDUCTION OF THE INTER-**
7 **CONTINENTAL BALLISTIC MISSILES OF THE**
8 **UNITED STATES.**

9 *(a) PROHIBITION.—Except as provided in subsection*
10 *(b), none of the funds authorized to be appropriated by this*
11 *Act or otherwise made available for fiscal year 2023 for the*
12 *Department of Defense may be obligated or expended for*
13 *the following, and the Department may not otherwise take*
14 *any action to do the following:*

15 *(1) Reduce, or prepare to reduce, the responsive-*
16 *ness or alert level of the intercontinental ballistic mis-*
17 *siles of the United States.*

18 *(2) Reduce, or prepare to reduce, the quantity of*
19 *deployed intercontinental ballistic missiles of the*
20 *United States to a number less than 400.*

21 *(b) EXCEPTION.—The prohibition in subsection (a)*
22 *shall not apply to any of the following activities:*

23 *(1) The maintenance or sustainment of inter-*
24 *continental ballistic missiles.*

1 (2) *Ensuring the safety, security, or reliability of*
2 *intercontinental ballistic missiles.*

3 (3) *Facilitating the transition from the Minute-*
4 *man III intercontinental ballistic missile to the Sen-*
5 *tinel intercontinental ballistic missile (previously re-*
6 *ferred to as the “ground-based strategic deterrent*
7 *weapon”).*

8 ***Subtitle D—Missile Defense***
9 ***Programs***

10 ***SEC. 1641. REPEAL OF REQUIREMENT TO TRANSITION BAL-***
11 ***LISTIC MISSILE DEFENSE PROGRAMS TO THE***
12 ***MILITARY DEPARTMENTS.***

13 *Section 1676 of the National Defense Authorization*
14 *Act for Fiscal Year 2018 (Public Law 115–91; 10 U.S.C.*
15 *4205 note) is amended by striking subsection (b).*

16 ***SEC. 1642. FIRE CONTROL ARCHITECTURES.***

17 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
18 *that—*

19 (1) *the new missile track and warning architec-*
20 *ture in the budget request of the President for fiscal*
21 *year 2023 makes a needed and significant shift to a*
22 *more resilient and robust capability that will be nec-*
23 *essary to address future threats in the domain;*

24 (2) *the tranche 1 and 2 capabilities of the Space*
25 *Development Agency are critical to such new architec-*

1 *ture and should continue to be funded appropriately*
2 *to deliver missile track and warning capability from*
3 *low-Earth orbit in the mid-2020s timeframe;*

4 *(3) section 1645 of the William M. (Mac) Thorn-*
5 *berry National Defense Authorization Act for Fiscal*
6 *Year 2021 (Public Law 116–283; 134 Stat. 4062) di-*
7 *rects the Director of the Missile Defense Agency to de-*
8 *velop a sensor payload to be integrated into architec-*
9 *ture of the Space Development Agency or Space Force*
10 *to provide fire control quality data that would enable*
11 *the interception of both ballistic and hypersonic*
12 *threats;*

13 *(4) as the Space Warfighting Analysis Center of*
14 *the Space Force reviews candidate architectures for*
15 *fire control quality data, the Center should take into*
16 *account the investment made to date and capability*
17 *being developed by the hypersonic and ballistic track-*
18 *ing space sensor program for integration into the fu-*
19 *ture architecture; and*

20 *(5) the Center should also consider current or*
21 *planned programs of the intelligence community that*
22 *could be integrated to increase the ability to con-*
23 *tribute to fire control architectures of the Department*
24 *of Defense.*

1 (b) *FIRE CONTROL QUALITY DATA REQUIREMENT.*—
2 *In carrying out the analysis of candidate fire control archi-*
3 *tectures, the Secretary of the Air Force shall ensure that*
4 *the Director of the Space Warfighting Analysis Center of*
5 *the Space Force, at a minimum, maintains the require-*
6 *ments needed for the missile defense command and control,*
7 *battle management, and communications system to pass the*
8 *needed quality data within the timelines needed for current*
9 *and planned interceptor systems to support engagements of*
10 *ballistic and hypersonic threats as described in section 1645*
11 *of the William M. (Mac) Thornberry National Defense Au-*
12 *thorization Act for Fiscal Year 2021 (Public Law 116–283;*
13 *134 Stat. 4062).*

14 (c) *BRIEFING.*—*Not later than 14 days after the date*
15 *on which the Director of the Space Warfighting Analysis*
16 *Center concludes the analysis of candidate fire control ar-*
17 *chitectures, the Director shall provide to the Committees on*
18 *Armed Services of the House of Representatives and the*
19 *Senate a briefing on the results of the analysis, including*
20 *the findings of the Director and the architecture rec-*
21 *ommended by the Director for a future fire control architec-*
22 *ture to support engagement of ballistic and hypersonic*
23 *threats.*

1 **SEC. 1643. LIMITATION ON AVAILABILITY OF CERTAIN**
2 **FUNDS UNTIL REQUIRED ACQUISITION AU-**
3 **THORITY DESIGNATION RELATING TO CAPA-**
4 **BILITY TO DEFEND THE HOMELAND FROM**
5 **CRUISE MISSILES.**

6 (a) *FINDING.*—Congress finds that the Secretary of De-
7 fense has yet to designate a military department or Defense
8 Agency with acquisition authority with respect to the capa-
9 bility to defend the homeland from cruise missiles in accord-
10 ance with section 1684(e) of the National Defense Author-
11 ization Act for Fiscal Year 2017 (Public Law 114–328; 10
12 U.S.C. 4205 note).

13 (b) *LIMITATION.*—Of the funds authorized to be appro-
14 priated by this Act or otherwise made available for fiscal
15 year 2023 for the Department of Defense for travel by the
16 Deputy Secretary of Defense, not more than 90 percent may
17 be obligated or expended until the Secretary of Defense des-
18 ignates a military department or Defense Agency with ac-
19 quisition authority with respect to the capability to defend
20 the homeland from cruise missiles.

21 (c) *DEFENSE AGENCY DEFINED.*—In this section, the
22 term “Defense Agency” has the meaning given that term
23 in section 101(a)(11) of title 10, United States Code.

1 **SEC. 1644. LIMITATION ON AVAILABILITY OF FUNDS UNTIL**
2 **SUBMISSION OF REPORT ON LAYERED DE-**
3 **FENSE FOR THE HOMELAND.**

4 *Of the funds authorized to be appropriated by this Act*
5 *or otherwise made available for fiscal year 2023 for the Of-*
6 *fice of the Secretary of Defense for operating the Office of*
7 *Space Policy, not more than 75 percent may be obligated*
8 *or expended until the Secretary of Defense submits to the*
9 *congressional defense committees the report described in*
10 *House Report 117–118 under the heading “Layered Defense*
11 *for the Homeland”.*

12 **SEC. 1645. MIDDLE EAST INTEGRATED AIR AND MISSILE DE-**
13 **FENSE.**

14 *(a) IN GENERAL.—The Secretary of Defense, in con-*
15 *sultation with the Secretary of State and the Director of*
16 *National Intelligence, shall seek to cooperate with allies and*
17 *partners of the United States in the area of responsibility*
18 *of the United States Central Command to improve inte-*
19 *grated air and missile defense capability to protect the peo-*
20 *ple, infrastructure, and territory of such allies and partners*
21 *from cruise and ballistic missiles, manned and unmanned*
22 *aerial systems, and rocket attacks from Iran. The Secretary*
23 *shall seek to cooperate with countries that have the ability*
24 *to contribute to, adopt, and maintain an integrated air and*
25 *missile defense capability, and a commitment to countering*
26 *air and missile threats to bring security to the region.*

1 **(b) STRATEGY.**—

2 **(1) IN GENERAL.**—*Not later than 180 days after*
3 *the date of the enactment of this Act, consistent with*
4 *the protection of intelligence sources and methods, the*
5 *Secretary shall submit to the appropriate congress-*
6 *sional committees a strategy on increasing coopera-*
7 *tion with allies and partners in the area of responsi-*
8 *bility of the United States Central Command to im-*
9 *plement an integrated air and missile defense archi-*
10 *tecture to protect the people, infrastructure, and terri-*
11 *tory of such allies and partners from cruise and bal-*
12 *listic missiles, manned and unmanned aerial systems,*
13 *and rocket attacks from Iran.*

14 **(2) CONTENTS.**—*The strategy submitted under*
15 *paragraph (1) shall include the following for coun-*
16 *tries the Secretary determines meets the characteris-*
17 *tics of subsection (a):*

18 **(A)** *An assessment of the threat of ballistic*
19 *and cruise missiles, manned and unnamed aerial*
20 *systems, and rocket attacks from Iran.*

21 **(B)** *A description of current efforts to co-*
22 *ordinate indicators and warnings from such at-*
23 *tacks with allies and partners in the region.*

1 (C) *An analysis of United States allied and*
2 *partner systems currently in the region to defend*
3 *against air and missile attacks*

4 (D) *An explanation of how an integrated*
5 *regional air and missile defense architecture*
6 *would improve collective security in the Central*
7 *Command area of responsibility, similar to that*
8 *of the European Command.*

9 (E) *A description of efforts to engage speci-*
10 *fied foreign partners in establishing such an ar-*
11 *chitecture.*

12 (F) *An identification of any challenges in*
13 *establishing an integrated air and missile de-*
14 *fense architecture with specified foreign partners.*

15 (G) *A description of relevant coordination*
16 *with the Secretary of State and the ways in*
17 *which such an architecture advances United*
18 *States regional diplomatic goals and objectives.*

19 (H) *Such other matters as the Secretary*
20 *considers relevant.*

21 (3) *PROTECTION OF SENSITIVE INFORMATION.—*
22 *Any activity carried out under paragraph (1) shall be*
23 *conducted in a manner that appropriately protects*
24 *sensitive information and the national security inter-*
25 *ests of the United States.*

1 (4) *FORMAT.*—*The strategy submitted under*
2 *paragraph (1) shall be submitted in unclassified form,*
3 *but may include a classified annex.*

4 (c) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
5 *FINED.*—*In this section, the term “appropriate congres-*
6 *sional committees” means the following:*

7 (1) *The congressional defense committees.*

8 (2) *The Committee on Foreign Affairs and the*
9 *Permanent Select Committee on Intelligence of the*
10 *House of Representatives.*

11 (3) *The Committee on Foreign Relations and the*
12 *Select Committee on Intelligence of the Senate.*

13 **SEC. 1646. STRATEGY TO USE ASYMMETRIC CAPABILITIES**
14 **TO DEFEAT HYPERSONIC MISSILE THREATS.**

15 (a) *REQUIREMENT.*—*Not later than March 1, 2023, the*
16 *Secretary of Defense, acting through the Director of the Mis-*
17 *sile Defense Agency, shall submit to the congressional de-*
18 *fense committees a comprehensive layered strategy to use*
19 *asymmetric capabilities to defeat hypersonic missile*
20 *threats.*

21 (b) *ELEMENTS.*—*The strategy under subsection (a)*
22 *shall—*

23 (1) *address all asymmetric capabilities of the*
24 *United States, including with respect to—*

1 (A) directed energy, as described in section
2 1664 of the National Defense Authorization Act
3 for Fiscal Year 2022 (Public Law 117–81; 10
4 U.S.C. 205 note) and including short-pulse laser
5 technology;

6 (B) microwave systems;

7 (C) cyber capabilities; and

8 (D) any other capabilities determined ap-
9 propriate by the Secretary and Director; and

10 (2) identify the funding required to implement
11 the strategy during the period covered by the future-
12 years defense program submitted to Congress under
13 section 221 of title 10, United States Code, in 2023.

14 **SEC. 1647. REPORT ON INTEGRATED AIR AND MISSILE DE-**
15 **FENSE SENSOR OF UNITED STATES INDO-PA-**
16 **CIFIC COMMAND.**

17 (a) *SENSE OF CONGRESS.*—It is the sense of Congress
18 that the budget of the President for fiscal year 2023 sub-
19 mitted to Congress pursuant to section 1105 of title 31,
20 United States Code—

21 (1) includes funding to develop and procure an
22 integrated air and missile defense architecture to de-
23 fend Guam that includes multiple mobile components
24 located across Guam, however, a full assessment of the
25 manning and infrastructure needed to support those

1 *components, including items such as power, water,*
2 *and availability of personnel housing, was not in-*
3 *cluded in the overall determination of feasibility; and*

4 *(2) did not include funding for the continued de-*
5 *velopment of the discrimination radar for homeland*
6 *defense planned to be located in Hawaii because of an*
7 *ongoing reevaluation of the missile defense posture*
8 *and sensor architecture in the area of responsibility*
9 *of the United States Indo-Pacific Command.*

10 *(b) REPORT.—*

11 *(1) REQUIREMENT.—Not later than 90 days*
12 *after the date of the enactment of this Act, the Sec-*
13 *retary of Defense shall submit to the congressional de-*
14 *fense committees a report on the findings of the re-*
15 *view conducted by the Secretary of the integrated air*
16 *and missile defense sensor architecture of the United*
17 *States Indo-Pacific Command.*

18 *(2) INVESTMENTS.—The report under paragraph*
19 *(1) shall identify the investments that should be made*
20 *to increase the detection of non-ballistic threats and*
21 *improve the discrimination of ballistic missile threats,*
22 *particularly with regard to Hawaii.*

23 *(3) FORM.—The report under paragraph (1)*
24 *shall be submitted in unclassified form, and may in-*
25 *clude a classified annex.*

1 (c) *REVIEW OF INTEGRATED AIR AND MISSILE DE-*
2 *FENSE ARCHITECTURE TO DEFEND GUAM.—*

3 (1) *REQUIREMENT.—Not later than 60 days*
4 *after the date of the enactment of this Act, the Sec-*
5 *retary of Defense shall seek to enter into a contract*
6 *with a federally funded research and development cen-*
7 *ter to conduct an independent assessment of the inte-*
8 *grated air and missile defense architecture to defend*
9 *Guam.*

10 (2) *ELEMENTS.—The assessment under para-*
11 *graph (1) shall include an analysis of each of the fol-*
12 *lowing:*

13 (A) *The proposed architecture capability to*
14 *address non-ballistic and ballistic missile threats*
15 *to Guam, including the sensor, command and*
16 *control, and interceptor systems being proposed.*

17 (B) *The development and integration risk of*
18 *the proposed architecture.*

19 (C) *The manning required to operate the*
20 *proposed architecture, including the availability*
21 *of housing and infrastructure on Guam to sup-*
22 *port the needed manning levels.*

23 (3) *SUBMISSION.—Not later than 180 days after*
24 *the date of the enactment of this Act, the Secretary*

1 *shall submit to the congressional defense committees*
2 *the assessment under paragraph (1), without change.*

3 **SEC. 1648. RISK REDUCTION IN PROCUREMENT OF GUAM**
4 **MISSILE DEFENSE SYSTEM.**

5 *(a) SENSE OF CONGRESS.—It is the sense of Congress*
6 *that—*

7 *(1) the defense of Guam and the Armed Forces*
8 *that operate there is of key strategic significance and*
9 *is one of the top priorities for United States Indo-Pa-*
10 *cific Command and the United States;*

11 *(2) the most severe adversary threat to Guam*
12 *consists of long-range hypersonic and cruise missiles*
13 *launched from a variety of air, land, and sea-based*
14 *platforms;*

15 *(3) the current plan of the Missile Defense Agen-*
16 *cy using a mixed architecture which, when applied to*
17 *the launcher systems, relies on numerous road-mobile*
18 *transport erector launchers for launching, and is an*
19 *unproven and high-risk plan; and*

20 *(4) the existing vertical launch system, which*
21 *can accommodate the standard missile-3 and the*
22 *standard missile-6, is a more capable and tested sys-*
23 *tem and provides reasonable risk reduction to the*
24 *short-term missile defense of Guam, and in the long*
25 *term provides much needed capacity increase.*

1 (b) *AUTHORITY FOR PROCUREMENT.*—*Except as pro-*
2 *vided by subsection (c), not later than December 31, 2023,*
3 *the Secretary of Defense, acting through the Director of the*
4 *Missile Defense Agency, shall rapidly procure and field up*
5 *to three vertical launching systems that can accommodate*
6 *planned interceptors operated by the Navy as of the date*
7 *of the enactment of this Act.*

8 (c) *WAIVER.*—*The Secretary may waive the require-*
9 *ment under subsection (b) if—*

10 (1) *the Secretary determines that the waiver is*
11 *in the best interest of the national security of the*
12 *United States;*

13 (2) *the Secretary submits to the congressional de-*
14 *fense committees a notification of such waiver, includ-*
15 *ing a justification; and*

16 (3) *a period of 120 days has elapsed following*
17 *the date of such notification.*

18 **SEC. 1649. PLAN ON DELIVERING SHARED EARLY WARNING**
19 **SYSTEM DATA TO CERTAIN ALLIES AND PART-**
20 **NER S OF THE UNITED STATES.**

21 (a) *FINDINGS.*—*Congress finds the following:*

22 (1) *The Shared Early Warning System currently*
23 *provides accurate and timely ballistic missile warn-*
24 *ing information generated by space-based infrared*

1 *sensors to the United States and select foreign coun-*
2 *tries.*

3 *(2) As has been demonstrated in Russia’s unlaw-*
4 *ful invasion of and war in Ukraine, missile warning*
5 *data provided to allies and partners of the United*
6 *States could allow for critical warning to prevent*
7 *widespread civilian casualties.*

8 *(3) The rapid technical fielding of Shared Early*
9 *Warning System capabilities should be prioritized in*
10 *future bilateral defense negotiations with allies and*
11 *partners of the United States.*

12 *(b) PLAN.—The Secretary of Defense, with the concur-*
13 *rence of the Secretary of State and the Director of National*
14 *Intelligence, shall develop a technical fielding plan to de-*
15 *liver information under the Shared Early Warning System*
16 *regarding a current or imminent missile threat to allies*
17 *and partners of the United States that, as of the date of*
18 *the plan, do not receive such information.*

19 *(c) REPORT.—Not later than 180 days after the date*
20 *of the enactment of this Act, the Secretary of Defense shall*
21 *submit to the appropriate congressional committees a report*
22 *on how rapid technical fielding of the Shared Early Warn-*
23 *ing System could be provided to allies and partners of the*
24 *United States that—*

1 (1) *are not member states of the North Atlantic*
2 *Treaty Organization; and*

3 (2) *are under current or imminent hostile ag-*
4 *gression and threat of missile attack.*

5 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
6 *FINED.—In this section, the term “appropriate congres-*
7 *sional committees” means the following:*

8 (1) *The congressional defense committees.*

9 (2) *The Committee on Foreign Affairs and the*
10 *Permanent Select Committee on Intelligence of the*
11 *House of Representatives.*

12 (3) *The Committee on Foreign Relations and the*
13 *Select Committee on Intelligence of the Senate.*

14 **SEC. 1650. REPORTS ON GROUND-BASED INTERCEPTORS.**

15 *Not later than 30 days after the date of the enactment*
16 *of this Act, and on a quarterly basis thereafter until the*
17 *date on which the next generation interceptor achieves ini-*
18 *tial operating capability, the Director of the Missile Defense*
19 *Agency, with the concurrence of the Commander of the*
20 *United States Northern Command, shall submit to the con-*
21 *gressional defense committees a report that includes the fol-*
22 *lowing:*

23 (1) *An identification of the number of ground-*
24 *based interceptors operationally available to the Com-*
25 *mander.*

1 (2) *If such number is different from the report*
2 *previously submitted under this section, the reasons*
3 *for such difference.*

4 (3) *Any anticipated changes to such number*
5 *during the period covered by the report.*

6 **SEC. 1651. REPORT ON MISSILE DEFENSE INTERCEPTOR**
7 **SITE IN CONTIGUOUS UNITED STATES.**

8 (a) *REQUIREMENT.*—*Not later than March 31, 2023,*
9 *the Secretary of Defense, acting through the Director of the*
10 *Missile Defense Agency, shall submit to the congressional*
11 *defense committees a report containing—*

12 (1) *an updated assessment of the requirement for*
13 *a missile defense interceptor site in the contiguous*
14 *United States; and*

15 (2) *a funding profile, by year, of the total costs*
16 *for the development and construction of such site, con-*
17 *sidering the designation of Fort Drum, New York, as*
18 *the conditionally designated preferred site.*

19 (b) *FUNDING.*—*Of the funds authorized to be appro-*
20 *priated by this Act or otherwise made available for fiscal*
21 *year 2023 for the Missile Defense Agency for unspecified*
22 *military construction planning and design, not more than*
23 *\$5,000,000 may be obligated or expended for activities asso-*
24 *ciated with a missile defense interceptor site in the contig-*
25 *uous United States described in subsection (a).*

1 **Subtitle E—Other Matters**

2 **SEC. 1661. COOPERATIVE THREAT REDUCTION FUNDS.**

3 (a) *FUNDING ALLOCATION.*—Of the \$341,598,000 au-
4 thorized to be appropriated to the Department of Defense
5 for fiscal year 2023 in section 301 and made available by
6 the funding table in division D for the Department of De-
7 fense Cooperative Threat Reduction Program established
8 under section 1321 of the Department of Defense Coopera-
9 tive Threat Reduction Act (50 U.S.C. 3711), the following
10 amounts may be obligated for the purposes specified:

11 (1) *For strategic offensive arms elimination,*
12 \$6,859,000.

13 (2) *For chemical security and elimination,*
14 \$14,998,000.

15 (3) *For global nuclear security, \$18,088,000.*

16 (4) *For biological threat reduction, \$225,000,000.*

17 (5) *For proliferation prevention, \$45,890,000.*

18 (6) *For activities designated as Other Assess-*
19 *ments/Administration Costs, \$30,763,000.*

20 (b) *SPECIFICATION OF COOPERATIVE THREAT REDUC-*
21 *TION FUNDS.*—Funds appropriated pursuant to the author-
22 ization of appropriations in section 301 and made avail-
23 able by the funding table in division D for the Department
24 of Defense Cooperative Threat Reduction Program shall be

1 *available for obligation for fiscal years 2023, 2024, and*
2 *2025.*

3 **SEC. 1662. STUDY OF WEAPONS PROGRAMS THAT ALLOW**
4 **THE ARMED FORCES TO ADDRESS HARD AND**
5 **DEEPLY BURIED TARGETS.**

6 (a) *SENSE OF CONGRESS.—It is the sense of Congress*
7 *that—*

8 (1) *the ability of the United States to hold at*
9 *risk hard and deeply buried targets now and in the*
10 *future is critical; and*

11 (2) *while the Department of Defense is under-*
12 *taking a study of nuclear and nonnuclear options to*
13 *hold at risk this growing target set, Congress is con-*
14 *cerned about the progress of this study.*

15 (b) *STUDY.—Not later than 90 days after the date of*
16 *the enactment of this Act, the Secretary of Defense, in co-*
17 *ordination with the Chairman of the Joint Chiefs of Staff*
18 *and the Commander of the United States Strategic Com-*
19 *mand, and in consultation with the Administrator for Nu-*
20 *clear Security, shall submit to the congressional defense*
21 *committees a study on options to hold at risk hard and*
22 *deeply buried targets.*

23 (c) *ELEMENTS.—The study under subsection (b) shall*
24 *include the following:*

1 (1) *An analysis of the current and emerging*
2 *hard and deeply buried target mission set and associ-*
3 *ated military requirements, including—*

4 (A) *the number and locations of the targets;*

5 *and*

6 (B) *the associated military requirements for*
7 *the United States Strategic Command, including*
8 *the importance of threatening the targets to*
9 *meeting the objectives of the United States.*

10 (2) *A study of weapons programs that allow the*
11 *Armed Forces to address hard and deeply buried tar-*
12 *gets, including—*

13 (A) *any nuclear or nonnuclear weapon and*
14 *delivery system the Secretary determines appro-*
15 *priate, including the cost, timeline for fielding,*
16 *and likely effectiveness of any capability under*
17 *consideration; and*

18 (B) *an assessment of a service life extension*
19 *program of the B83 nuclear gravity bomb as one*
20 *of the options.*

21 (3) *A proposed strategy for fielding capabilities*
22 *and making other adjustments to the strategy and*
23 *plans of the United States to account for the growing*
24 *hard and deeply buried target set, including a five-*
25 *year funding profile for the preferred alternative*

1 *weapon and the secondary alternative weapon studied*
2 *under paragraph (2).*

3 *(d) BRIEFING.—Upon completion of the study under*
4 *subsection (b), the Secretary shall provide the Committees*
5 *on Armed Services of the House of Representatives and the*
6 *Senate a briefing on the findings and recommendations of*
7 *the study.*

8 **TITLE XVII—MUNITIONS RE-**
9 **PLENISHMENT AND FUTURE**
10 **PROCUREMENT**

11 **SEC. 1701. MODIFICATION TO SPECIAL DEFENSE ACQUI-**
12 **SION FUND.**

13 *Section 114(c)(1) of title 10, United States Code, is*
14 *amended by striking “\$2,500,000,000” and inserting*
15 *“\$3,500,000,000”.*

16 **SEC. 1702. DEVELOPMENT OF TECHNOLOGIES WITH RE-**
17 **SPECT TO CRITICAL, PREFERRED, AND PRECI-**
18 **SION-GUIDED CONVENTIONAL MUNITIONS.**

19 *(a) IN GENERAL.—Subject to the availability of appro-*
20 *priations, the Under Secretary of Defense for Research and*
21 *Engineering and the Under Secretary of Defense for Acqui-*
22 *sition and Sustainment, in coordination with the Secre-*
23 *taries of the Army, Navy, and Air Force and the heads of*
24 *the Defense Agencies, shall develop and invest in the fol-*

1 *lowing with respect to critical, preferred, and precision-*
2 *guided conventional munitions:*

3 (1) *Technologies to—*

4 (A) *reduce the costs of such munitions;*

5 (B) *increase the reliability and lethality of*
6 *such munitions; and*

7 (C) *simplify the manufacturing processes*
8 *for such munitions.*

9 (2) *Technologies related to the diversification of*
10 *the supply chains relevant to the production of such*
11 *munitions.*

12 (3) *The development of novel methods to more*
13 *easily and affordably manufacture such munitions,*
14 *including the capability of rapid production scaling*
15 *to meet required demand.*

16 (b) *TYPES OF TECHNOLOGIES.—The types of tech-*
17 *nologies developed under subsection (a) shall include—*

18 (1) *the additive manufacturing of components,*
19 *including energetics;*

20 (2) *expeditionary manufacturing;*

21 (3) *simplified supply chains, including, where*
22 *possible, the use of open source, commercial, and com-*
23 *mmercial-derived technologies, including microelec-*
24 *tronics; and*

1 (4) *such other technologies as the Under Secre-*
2 *taries determine appropriate.*

3 (c) *REPORT.*—*Not later than 90 days after the date*
4 *of the enactment of this Act, the Under Secretaries shall*
5 *jointly submit to the congressional defense committees a re-*
6 *port on the plan to carry out this section.*

7 **SEC. 1703. SENSE OF CONGRESS AND QUARTERLY BRIEF-**
8 **INGS ON REPLENISHMENT AND REVITALIZA-**
9 **TION OF STOCKS OF TACTICAL MISSILES PRO-**
10 **VIDED TO UKRAINE.**

11 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
12 *that—*

13 (1) *the delivery of anti-tank and air defense mis-*
14 *siles and munitions to Ukraine by the United States*
15 *and numerous allies and partners around the world*
16 *has had a crucial impact on the ability of Ukraine*
17 *to resist Russia’s illegal invasion;*

18 (2) *the war in Ukraine has demonstrated the*
19 *utility of these weapons in contemporary military*
20 *conditions;*

21 (3) *it is vital to continue providing Ukraine*
22 *with such assistance, as needed, in an appropriately*
23 *rapid and sustained manner;*

1 (4) *the ability of the Department of Defense to*
2 *support replenishment of these stocks is a matter of*
3 *major importance for—*

4 (A) *the provision of additional support, as*
5 *needed, to Ukraine;*

6 (B) *the defense needs of the United States;*
7 *and*

8 (C) *the defense needs of allies and partners*
9 *that have provided, or are considering providing,*
10 *their own stocks to assist Ukraine.*

11 (5) *in response to the March 18, 2022, letter sent*
12 *by the Chairman and Ranking Member of the Com-*
13 *mittee on Armed Services of the House of Representa-*
14 *tives, the Department of Defense responded effectively*
15 *with efforts to buy down strategic risk and accelerate*
16 *production of air defense munitions;*

17 (6) *the effort to replace existing stocks while*
18 *prioritizing the rapid development of a low-cost, ex-*
19 *portable evolution of a short-range air defense system*
20 *should proceed as quickly and efficiently as possible;*

21 (7) *the Department of Defense should continue to*
22 *develop and pursue this strategy while providing full*
23 *transparency into its efforts to buy down strategic*
24 *risk and engaging in substantial dialogue regarding*
25 *the path forward;*

1 (8) *the Department of Defense should use its au-*
2 *thorities to work with allies and partners in a focused*
3 *and sustained manner to advance the replenishment*
4 *of munitions stocks for allies and partners that have*
5 *provided, or are contemplating providing, such equip-*
6 *ment to Ukraine, in order to ensure they are capable*
7 *of meeting ongoing alliance and partnership deter-*
8 *rence and security needs.*

9 (b) *QUARTERLY BRIEFINGS.—The Secretary of Defense*
10 *shall provide to Congress quarterly briefings, in accordance*
11 *with subsection (c), on the progress of the Department of*
12 *Defense toward replenishing and sustaining the production*
13 *capacity and stocks of covered systems that have been deliv-*
14 *ered to Ukraine as part of the effort to—*

15 (1) *support Ukraine’s resistance against Russian*
16 *aggression; and*

17 (2) *buy down strategic risks.*

18 (c) *ELEMENTS OF BRIEFINGS.—*

19 (1) *BRIEFINGS ON US STOCKS.—The Secretary of*
20 *Defense shall provide to the congressional defense com-*
21 *mittees quarterly briefings that include each of the*
22 *following:*

23 (A) *A timeline and budgetary estimate for*
24 *developing and procuring replacement stocks of*
25 *covered systems for the United States.*

1 (B) *An identification of any opportunities*
2 *to allow vendors to compete for agreements to*
3 *produce next-generation short-range tactical mis-*
4 *siles, launchers, fire controls, and any other sup-*
5 *porting equipment.*

6 (C) *An analysis of risks within the indus-*
7 *trial base that provides support for covered sys-*
8 *tems, and detailed options to mitigate those*
9 *risks.*

10 (D) *A discussion of options to maximize*
11 *competition among providers of covered systems*
12 *and components thereof, and an identification of*
13 *any gaps in legal authority to pursue and*
14 *achieve the objectives of maximizing competition*
15 *and replenishing and sustaining the production*
16 *capacity of covered systems.*

17 (E) *An update on the use of the authorities*
18 *of the Department of Defense to replenish and*
19 *sustain the production capacity and stocks of*
20 *covered systems referred to in subsection (b).*

21 (2) *BRIEFINGS ON STOCKS OF ALLIES AND PART-*
22 *NERS.—The Secretary of Defense shall provide to the*
23 *congressional defense committees, the Committee on*
24 *Foreign Affairs of the House of Representatives, and*

1 *the Committee on Foreign Relations of the Senate*
2 *quarterly briefings that include each of the following:*

3 *(A) A timeline and budgetary estimate for*
4 *developing and procuring replacement stocks of*
5 *covered systems for allies and partners of the*
6 *United States.*

7 *(B) An update on the efforts of the Depart-*
8 *ment to work with allies and partners of the*
9 *United States to advance the replenishment of*
10 *munitions stocks for such allies and partners*
11 *that have provided, or are contemplating pro-*
12 *viding, such stocks to Ukraine.*

13 *(d) COVERED SYSTEM.—In this section, the term “cov-*
14 *ered system” means any short-range tactical missile (in-*
15 *cluding any SHORAD or anti-tank missile), loitering mu-*
16 *niton, drone, or ammunition.*

17 *(e) TERMINATION.—The requirement to provide quar-*
18 *terly briefings under this section shall terminate on Decem-*
19 *ber 31, 2026.*

20 **SEC. 1704. ASSESSMENT OF ACQUISITION OBJECTIVES FOR**
21 **PATRIOT AIR AND MISSILE DEFENSE BATTAL-**
22 **IONS.**

23 *(a) FINDINGS; SENSE OF CONGRESS.—*

24 *(1) FINDINGS.—Congress finds the following:*

1 (A) *The unlawful Russian invasion of and*
2 *war in Ukraine has highlighted the importance*
3 *of lower tier air and missile defense capabilities*
4 *in the European Area of Command.*

5 (B) *The emergency supplemental appro-*
6 *priations request by the President for the situa-*
7 *tion in Ukraine for fiscal year 2022 included*
8 *funding for a 16th Patriot air and missile de-*
9 *fense system battalion, which increases the long*
10 *standing inventory requirement by one battalion.*

11 (2) *SENSE OF CONGRESS.—It is the sense of*
12 *Congress that given the evolving cruise- and ballistic-*
13 *missile threat from rogue nations and near-peer ad-*
14 *versaries, particularly in regional scenarios, the Sec-*
15 *retary of the Army should reassess the current bat-*
16 *talion and interceptor acquisition objectives for the*
17 *Patriot air and missile defense system to determine if*
18 *16 battalions and 3,376 Patriot advanced capability-*
19 *3 missile segment enhancement missiles are still*
20 *valid.*

21 (b) *ASSESSMENT.—Not later than 120 days after the*
22 *date of the enactment of this Act, the Secretary of the Army*
23 *shall assess and validate the battalion and interceptor ac-*
24 *quisition objectives, as of the date of the enactment of this*
25 *Act, for the Patriot air and missile defense system and Pa-*

1 *triot advanced capability-3 missile segment enhancement*
2 *missiles.*

3 (c) *REPORT.*—*Not later than 30 days after the date*
4 *on which the Secretary completes the assessment under sub-*
5 *section (b), the Secretary shall submit to the congressional*
6 *defense committees a report on the assessment, including*
7 *whether the acquisition objectives described in such sub-*
8 *section are valid or should be modified.*

9 (d) *AUTHORITY.*—*Subject to the availability of appro-*
10 *priations for such purpose, the Secretary of the Army may*
11 *procure up to four additional Patriot air and missile de-*
12 *fense battalions to achieve a total of up to 20 such battal-*
13 *ions.*

14 **SEC. 1705. FEDERALLY FUNDED RESEARCH AND DEVELOP-**
15 **MENT CENTER ANALYSIS OF DEPARTMENT OF**
16 **DEFENSE CAPABILITY AND CAPACITY TO RE-**
17 **PLENISH MISSILE AND MUNITION INVEN-**
18 **TORIES.**

19 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*
20 *that—*

21 (1) *the ongoing war in Ukraine has highlighted*
22 *the importance of understanding the defense indus-*
23 *trial base gaps and limitations of replenishing inven-*
24 *tories of critical, preferred, and precision-guided*
25 *weapon systems; and*

1 (2) *the ability of the Department of Defense to*
2 *replenish critical munitions in the event of a conflict*
3 *with a strategic competitor lasting not less than six*
4 *months is of critical importance to the national secu-*
5 *urity interests of the United States.*

6 **(b) FFRDC STUDY.—**

7 (1) *IN GENERAL.—Not later than 30 days after*
8 *the date of the enactment of this Act, the Secretary of*
9 *Defense shall seek to enter into an agreement with an*
10 *appropriate federally funded research and develop-*
11 *ment center for the conduct of a detailed analysis of*
12 *the capability of the Department of Defense replenish*
13 *inventory of the weapons described in paragraph (3)*
14 *to address long-range strike capabilities, including*
15 *against naval surface and subsurface, as well as land-*
16 *based forces, air superiority, interdiction, air and*
17 *missile defense, and hard and deeply buried target*
18 *mission areas. Such an agreement shall provide that*
19 *an analysis conducted pursuant to the agreement*
20 *shall be completed within 180 days.*

21 (2) *MATTERS FOR CONSIDERATION.—An anal-*
22 *ysis conducted pursuant to an agreement under para-*
23 *graph (1) shall include a consideration of each of the*
24 *following with respect to the weapons described in*
25 *paragraph (3):*

1 (A) *Any gaps in current or near-term pro-*
2 *duction capability through 2025 or capacity due*
3 *to the loss, impending loss, or obsolescence of*
4 *manufacturers or suppliers of items, raw mate-*
5 *rials, or software, along with recommendations*
6 *to address the highest priority gaps.*

7 (B) *The capability to significantly increase*
8 *current levels of production beyond steady-state*
9 *demand requirements, including an assessment*
10 *of sub-tier supplier capacity, capability, and*
11 *rates of production.*

12 (C) *The predicted production capability*
13 *and capacity during the time period beginning*
14 *in 2025 and ending in 2035, including the capa-*
15 *bility and any recommendations to significantly*
16 *increase production during that time period.*

17 (D) *The reliance of the United States on*
18 *materials and parts that are produced or sourced*
19 *in foreign countries, particularly in the case of*
20 *such reliance on a sole-source producer or sup-*
21 *plier, an identification of countries of origin of*
22 *such materials and parts, and associated rec-*
23 *ommendations to address any priority*
24 *vulnerabilities.*

1 (E) *The capacity of the organic industrial*
2 *base, including both Government-operated and*
3 *contractor-operated facilities, to support surge*
4 *production, and an identification of the weapons*
5 *that each such facilities is equipped, or could be*
6 *equipped, to produce.*

7 (3) *WEAPONS DESCRIBED.—The weapons de-*
8 *scribed in this paragraph are each of the following:*

9 (A) *Evolved sea sparrow missile.*

10 (B) *MK 48 heavyweight torpedo.*

11 (C) *Standard missile variants (SM-6, SM-*
12 *3 block IB and SM-3 block IIA).*

13 (D) *Patriot guided missiles.*

14 (E) *Terminal high altitude area defense*
15 *interceptors.*

16 (F) *Guided and ballistic missiles fired from*
17 *the multiple launch rocket system (MLRS) or the*
18 *high mobility artillery rocket system (HIMARS).*

19 (G) *Javelin missile.*

20 (H) *Stinger missile.*

21 (I) *Air intercept missile (AIM)-9X-Side-*
22 *winder.*

23 (J) *AIM-120D - Advanced medium range*
24 *air-to-air missile (AMRAAM).*

1 (K) *Air to ground (AGM)-114 - hellfire mis-*
2 *sile.*

3 (L) *Small diameter bomb II.*

4 (M) *Joint direct attack munition.*

5 (N) *Advanced penetrating bombs.*

6 (O) *Enhanced fragmentation bombs.*

7 (P) *Low collateral damage bombs.*

8 (Q) *Tomahawk land attack missile.*

9 (R) *Maritime strike tomahawk.*

10 (S) *Long range anti-ship missile.*

11 (T) *Naval strike missile.*

12 (U) *Joint air-to-surface standoff missile-ex-*
13 *tended range.*

14 (V) *Harpoon anti-ship missile.*

15 (W) *Any other weapon that the Secretary of*
16 *Defense or the federally funded research and de-*
17 *velopment center determine should be included in*
18 *the analysis.*

19 (4) *REPORT.—*

20 (A) *IN GENERAL.—Not later than 180 days*
21 *after entering into an agreement under sub-*
22 *section (a), the Secretary shall submit to the con-*
23 *gressional defense committees a report containing*
24 *the unaltered results of the analysis completed*
25 *pursuant to the agreement.*

1 (B) *FORM.*—*The report required under sub-*
2 *paragraph (A) shall be submitted in unclassified*
3 *form, but may include a classified annex.*

4 **SEC. 1706. OUT-YEAR UNCONSTRAINED TOTAL MUNITIONS**
5 **REQUIREMENT, OUT-YEAR INVENTORY NUM-**
6 **BERS, AND CRITICAL MUNITIONS RESERVE.**

7 (a) *ANNUAL REPORTING REQUIREMENTS.*—*Section*
8 *222c of title 10, United States Code, is amended—*

9 (1) *in subsection (a)—*

10 (A) *by striking “the chief of staff of each*
11 *armed force (other than the Coast Guard)” and*
12 *inserting “the Under Secretary of Defense for Ac-*
13 *quisition and Sustainment”;*

14 (B) *by striking “such armed force” and in-*
15 *serting “each armed force (other than the Coast*
16 *Guard)”;* and

17 (C) *by inserting “for each critical muni-*
18 *tions program” after “the following”;*

19 (2) *by striking subsection (b);*

20 (3) *by redesignating subsections (c) and (d) as*
21 *subsections (b) and (c), respectively;*

22 (4) *by amending subsection (c), as so redesign-*
23 *ated, to read as follows:*

24 “(c) *IMPLEMENTATION GUIDANCE USED.*—*A report re-*
25 *quired to be submitted under subsection (a) for a fiscal year*

1 *shall include a description and explanation of the muni-*
2 *tions requirements process implementation guidance devel-*
3 *oped by the Under Secretary of Defense for Acquisition and*
4 *Sustainment and used by each armed force for the muni-*
5 *tions requirements process for such armed force for that fis-*
6 *cal year. Such description and explanation shall include*
7 *each of the following:*

8 “(1) *A list of configurations fielded as of the date*
9 *of the submittal of the report.*

10 “(2) *The percentage of the total munitions inven-*
11 *tory that is fielded, by configuration.*

12 “(3) *The average shelf life and age of the muni-*
13 *tions in the inventory and the percentage of the mu-*
14 *nitions in the inventory that will exceed shelf life dur-*
15 *ing the ten-year period following the date of the sub-*
16 *mittal of the report.*

17 “(4) *The number of years required to meet the*
18 *out-year unconstrained total munitions requirement*
19 *at the rate requested for the fiscal year covered by the*
20 *report.*

21 “(5) *The average rate of procurement during the*
22 *three-year period preceding the date of the submittal*
23 *of the report, and the number of years required to*
24 *meet the out-year unconstrained total munitions re-*
25 *quirement at such three-year average rate.*

1 “(6) *The additional amount of funding that*
2 *would be required, for each fiscal year, to meet the*
3 *out-year unconstrained total munitions requirement*
4 *for each munition by the end of the period covered by*
5 *the most recent future-years defense program sub-*
6 *mitted to Congress pursuant to section 221 of this*
7 *title.*

8 “(7) *Such other information as the Under Sec-*
9 *retary determines is appropriate.*”;

10 (5) *by inserting after subsection (c) the following*
11 *new subsection (d):*

12 “(d) *CRITICAL MUNITIONS RESERVE.—(1) For each*
13 *critical munitions program, the Under Secretary of Defense*
14 *for Acquisition and Sustainment shall establish and main-*
15 *tain a critical munitions reserve, through which the Under*
16 *Secretary shall procure longest lead sub-components, con-*
17 *current with year production, to provide the capability to*
18 *quickly access the amount of critical munitions inventory*
19 *required for one or more years in order to accelerate the*
20 *delivery of such munitions.*

21 “(2) *A critical munitions reserve under paragraph (1)*
22 *may take the form of a rotatable pool to facilitate the timely*
23 *use of critical munitions material while producing suffi-*
24 *cient quantities of such material to maintain an ongoing*
25 *reserve of such material.*

1 “(3) *The Under Secretary of Defense for Acquisition*
2 *and Sustainment shall submit to the congressional defense*
3 *committees quarterly reports on the critical munitions re-*
4 *serves maintained under this paragraph, which shall in-*
5 *clude the recommendations of the Under Secretary with re-*
6 *spect to—*

7 “(A) *the management of the critical munition re-*
8 *serves, including any recommendations for legislative*
9 *changes; and*

10 “(B) *critical munitions components for inclusion*
11 *in the critical munitions reserves and funding re-*
12 *quirements for each such component.”; and*

13 (6) *in subsection (e), as so redesignated, by strik-*
14 *ing paragraph (1) and inserting the following new*
15 *paragraph (1):*

16 “(1) *The term ‘critical munition’ means a muni-*
17 *tion that—*

18 “(A) *is considered to be among the most im-*
19 *portant for executing plan objectives in one or*
20 *more conflict scenarios;*

21 “(B) *has an inventory that is insufficient to*
22 *meet the requirements of the national defense*
23 *strategy under section 113(g) of this title; and*

24 “(C) *has a projected inventory that is fore-*
25 *casted to remain insufficient at the end of the*

1 *period covered by the future-years defense pro-*
2 *gram most recently submitted to Congress pursu-*
3 *ant to section 221 of this title.”.*

4 **(b) REPORT ON CRITICAL MUNITIONS RESERVE.**—*Not*
5 *later than 90 days after the date of the enactment of this*
6 *Act, the Under Secretary of Defense for Acquisition and*
7 *Sustainment shall submit to the congressional defense com-*
8 *mittees a report on the progress of the Under Secretary in*
9 *establishing the critical munitions reserves required by sub-*
10 *section (d) of section 222c of title 10, United States Code,*
11 *as added by subsection (a)(5).*

12 **SEC. 1707. IDENTIFICATION OF SUBCONTRACTORS FOR**
13 **CRITICAL MUNITIONS CONTRACTS.**

14 **(a) IDENTIFICATION OF SUBCONTRACTORS.**—*Not later*
15 *than 210 days after the date of the enactment of this Act,*
16 *the Under Secretary of Defense for Acquisition and*
17 *Sustainment shall carry out a pilot program to establish*
18 *a process for identifying subcontractors (at any tier) that,*
19 *on the date on which the process described in subsection*
20 *(a) is implemented—*

21 **(1)** *are performing one or more critical muni-*
22 *tions contracts; and*

23 **(2)(A)** *provide products to a prime contractor or*
24 *a higher-tier subcontractor for such prime contractor*
25 *under such a contract; or*

1 (B) are responsible for the storage or handling of
2 controlled unclassified information under such a con-
3 tract.

4 (b) *USE OF FRAMEWORK.*—The Under Secretary shall,
5 to the extent practicable, use the framework developed under
6 section 4819 of title 10, United States Code, to carry out
7 the pilot program established under this section.

8 (c) *IMPLEMENTATION PLAN.*—Not later than 180 days
9 after the date of the enactment of this Act, the Under Sec-
10 retary shall submit to the congressional defense committees
11 an implementation plan for the pilot program required by
12 this section. Such plan shall include the following:

13 (1) Information on the practices that will be
14 used to apply processes established under the pilot
15 program, including an identification of any practices
16 used by the Missile Defense Agency or the Strategic
17 Capabilities Office that identify subcontractors (at
18 any tier) for covered contracts.

19 (2) A list of programs of the Department of De-
20 fense to which the Under Secretary will apply the
21 process established under this section.

22 (d) *RECOMMENDATIONS.*—Not later than 90 days after
23 the implementation of the pilot program required by this
24 section, the Under Secretary shall submit to the congres-
25 sional defense committees recommendations on the feasi-

1 *bility of expanding, beginning on or after November 1,*
2 *2023, the pilot program established under this section to*
3 *Department of Defense program under which a DO-rated*
4 *order or a DX-rated order may be placed.*

5 *(e) DEFINITIONS.—In this section:*

6 *(1) The term “covered contract” means a critical*
7 *munitions contract for which a subcontractor (at any*
8 *tier)—*

9 *(A) provides products to a prime contractor*
10 *or a higher-tier subcontractor for such prime*
11 *contractor; or*

12 *(B) is responsible for the storage or han-*
13 *dling of controlled unclassified information.*

14 *(2) The term “critical munition” has the mean-*
15 *ing given such term in section 1705 of this Act.*

16 *(3) The term “critical munitions contract”*
17 *means a contract between the Department of Defense*
18 *and a prime contractor for the procurement of critical*
19 *munitions.*

20 *(4) The term “DO-rated order” means an order*
21 *with a priority rating of “critical to national de-*
22 *fense” in the Defense Priorities and Allocation Sys-*
23 *tem pursuant to part 700 of title 15, Code of Federal*
24 *Regulations (or any successor regulation).*

1 (5) *The term “DX-rated order” means an order*
2 *with a priority rating of “highest national defense ur-*
3 *gency” in the Defense Priorities and Allocation Sys-*
4 *tem pursuant to part 700 of title 15, Code of Federal*
5 *Regulations (or any successor regulation).*

6 **SEC. 1708. STUDY ON STOCKPILES AND PRODUCTION OF**
7 **CRITICAL GUIDED MUNITIONS.**

8 (a) *STUDY.*—*Not later than one year after the date of*
9 *the enactment of this Act, the Secretary of Defense shall*
10 *complete a study to determine how rapidly stockpiles of the*
11 *United States of critical guided munitions would become*
12 *depleted in the event of the involvement of the United States*
13 *in a large-scale conflict.*

14 (b) *MATTERS.*—*The study under subsection (a) shall*
15 *include, at a minimum, the following:*

16 (1) *Modeling of the monthly munitions expendi-*
17 *ture of the United States in the scenario of a large-*
18 *scale conflict (lasting for a period of at least 180*
19 *days) in Europe during fiscal year 2025, at various*
20 *levels of conflict intensity, including conflicts involv-*
21 *ing 25, 50, and 75 percent of the force structure of*
22 *the land, naval, and air forces of the active Armed*
23 *Forces.*

24 (2) *Modeling of the monthly munitions expendi-*
25 *ture of the United States in the scenario of a large-*

1 *scale conflict (lasting for a period of at least 180*
2 *days) in East Asia during fiscal year 2025, at var-*
3 *ious levels of conflict intensity, including conflicts in-*
4 *volving 25, 50, and 75 percent of the force structure*
5 *of the land, naval, and air forces of the active Armed*
6 *Forces.*

7 *(3) An analysis of how rapidly stockpiles of the*
8 *United States of critical guided munitions would be-*
9 *come depleted in each of the scenarios referred to in*
10 *paragraphs (1) and (2) for, at a minimum, the fol-*
11 *lowing munitions:*

12 *(A) Air Intercept Missile-260.*

13 *(B) Joint Direct Attack Munition.*

14 *(C) Long Range Anti-Ship Missile.*

15 *(D) Naval Strike Missile.*

16 *(E) Standard Missile-2.*

17 *(F) Standard Missile-6.*

18 *(G) Harpoon Anti-ship Missile.*

19 *(H) MK-48 torpedo.*

20 *(I) Each variant of the following:*

21 *(i) Air Intercept Missile-9.*

22 *(ii) Air Intercept Missile-120.*

23 *(iii) Army Tactical Missile System.*

24 *(iv) Guided Multiple Launch Rocket*
25 *System.*

1 (v) *Javelin.*

2 (vi) *Joint Air-to-Surface Standoff Mis-*
3 *sile.*

4 (vii) *Patriot Missile.*

5 (viii) *Precision Strike Missile.*

6 (ix) *Stinger.*

7 (x) *Tomahawk Cruise Missile.*

8 (4) *An analysis of the time and resources that*
9 *would be necessary to restart production lines for the*
10 *critical guided munitions specified in paragraph (3)*
11 *that, as of the period during which the study is con-*
12 *ducted, are not in production by the United States.*

13 (5) *An analysis of the time and resources that*
14 *would be necessary to increase the monthly produc-*
15 *tion of critical guided munitions to meet the expendi-*
16 *ture rates projected pursuant to the modeling under*
17 *paragraphs (1) and (2).*

18 (c) *REPORT AND BRIEFING.—*

19 (1) *IN GENERAL.—Not later than 120 days after*
20 *the date of the completion of the study under sub-*
21 *section (a), the Secretary of Defense shall submit to*
22 *the congressional defense committees a report, and*
23 *provide to the congressional defense committees a*
24 *briefing, on the study. Such report shall contain the*
25 *following:*

1 (A) *A summary of the findings of the study.*

2 (B) *Recommendations to expedite the pro-*
 3 *duction of the munitions specified in subsection*
 4 *(b)(3).*

5 (2) *FORM.—The report under paragraph (1)*
 6 *shall be submitted in unclassified form, but may con-*
 7 *tain a classified annex.*

8 (d) *CRITICAL GUIDED MUNITION.—In this section, the*
 9 *term “critical guided munition” means—*

10 (1) *any munition specified in subsection (b)(3);*
 11 *and*

12 (2) *any other munition designated as such by the*
 13 *Secretary of Defense.*

14 ***DIVISION B—MILITARY CON-***
 15 ***STRUCTION AUTHORIZA-***
 16 ***TIONS***

17 ***SEC. 2001. SHORT TITLE.***

18 *This division and title XLVI of division D may be*
 19 *cited as the “Military Construction Authorization Act for*
 20 *Fiscal Year 2023”.*

21 ***SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND***
 22 ***AMOUNTS REQUIRED TO BE SPECIFIED BY***
 23 ***LAW.***

24 (a) *EXPIRATION OF AUTHORIZATIONS AFTER THREE*
 25 *YEARS.—Except as provided in subsection (b), all author-*

1 *izations contained in titles XXI through XXVII for military*
2 *construction projects, land acquisition, family housing*
3 *projects and facilities, and contributions to the North At-*
4 *lantic Treaty Organization Security Investment Program*
5 *(and authorizations of appropriations therefor) shall expire*
6 *on the later of—*

7 (1) *October 1, 2025; or*

8 (2) *the date of the enactment of an Act author-*
9 *izing funds for military construction for fiscal year*
10 *2026.*

11 (b) *EXCEPTION.—Subsection (a) shall not apply to au-*
12 *thorizations for military construction projects, land acqui-*
13 *sition, family housing projects and facilities, and contribu-*
14 *tions to the North Atlantic Treaty Organization Security*
15 *Investment Program (and authorizations of appropriations*
16 *therefor), for which appropriated funds have been obligated*
17 *before the later of—*

18 (1) *October 1, 2025; or*

19 (2) *the date of the enactment of an Act author-*
20 *izing funds for fiscal year 2026 for military construc-*
21 *tion projects, land acquisition, family housing*
22 *projects and facilities, or contributions to the North*
23 *Atlantic Treaty Organization Security Investment*
24 *Program.*

1 **SEC. 2003. EFFECTIVE DATE AND AUTOMATIC EXECUTION**
2 **OF CONFORMING CHANGES TO TABLES OF**
3 **SECTIONS, TABLES OF CONTENTS, AND SIMI-**
4 **LAR TABULAR ENTRIES.**

5 (a) *EFFECTIVE DATE.*—*Titles XXI through XXVII*
6 *shall take effect on the later of—*

7 (1) *October 1, 2022; or*

8 (2) *the date of the enactment of this Act.*

9 (b) *ELIMINATION OF NEED FOR CERTAIN SEPARATE*
10 *CONFORMING AMENDMENTS.*—

11 (1) *AUTOMATIC EXECUTION OF CONFORMING*
12 *CHANGES.*—*When an amendment made by a provi-*
13 *sion of this division to a covered defense law adds a*
14 *section or larger organizational unit to the covered*
15 *defense law, repeals or transfers a section or larger or-*
16 *ganizational unit in the covered defense law, or*
17 *amends the designation or heading of a section or*
18 *larger organizational unit in the covered defense law,*
19 *that amendment also shall have the effect of amending*
20 *any table of sections, table of contents, or similar*
21 *table of tabular entries in the covered defense law to*
22 *alter the table to conform to the changes made by the*
23 *amendment.*

24 (2) *EXCEPTIONS.*—*Paragraph (1) shall not*
25 *apply to an amendment described in such paragraph*
26 *when—*

1 (A) *the amendment, or a separate clerical*
2 *amendment enacted at the same time as the*
3 *amendment, expressly amends a table of sections,*
4 *table of contents, or similar table of tabular en-*
5 *tries in the covered defense law to alter the table*
6 *to conform to the changes made by the amend-*
7 *ment; or*

8 (B) *the amendment otherwise expressly ex-*
9 *empts itself from the operation of this section.*

10 (3) *COVERED DEFENSE LAW.—In this subsection,*
11 *the term “covered defense law” means—*

12 (A) *titles 10, 32, and 37 of the United*
13 *States Code;*

14 (B) *any national defense authorization Act*
15 *or military construction authorization Act that*
16 *authorizes funds to be appropriated for a fiscal*
17 *year to the Department of Defense; and*

18 (C) *any other law designated in the text*
19 *thereof as a covered defense law for purposes of*
20 *application of this section.*

**TITLE XXI—ARMY MILITARY
CONSTRUCTION**

**SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND
ACQUISITION PROJECTS.**

(a) *INSIDE THE UNITED STATES.*—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

Army: Inside the United States

State	Installation or Location	Amount
Colorado	Fort Carson	\$14,200,000
Louisiana	Fort Polk	\$32,000,000
North Carolina	Fort Bragg	\$34,000,000
New Jersey	Picatinny Arsenal	\$3,654,000
Pennsylvania	Letterkenny Army Depot	\$38,000,000
Texas	Corpus Christi Army Depot	\$103,000,000
.....	Fort Bliss	\$15,000,000
Washington	Joint Base Lewis-McChord	\$49,000,000

(b) *OUTSIDE THE UNITED STATES.*—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the installations outside the United States, and in the amounts, set forth in the following table:

Army: Outside the United States

State	Installation	Amount
<i>Germany</i>	<i>East Camp Grafenwoehr</i>	\$168,000,000
<i>Kwajalein</i>	<i>Kwajalein Atoll</i>	\$69,000,000

1 **SEC. 2102. FAMILY HOUSING.**

2 (a) **CONSTRUCTION AND ACQUISITION.**—Using
3 amounts appropriated pursuant to the authorization of ap-
4 propriations in section 2103(a) and available for military
5 family housing functions as specified in the funding table
6 in section 4601, the Secretary of the Army may construct
7 or acquire family housing units (including land acquisition
8 and supporting facilities) at the installation, in the number
9 of units or for the purpose, and in the amount set forth
10 in the following table:

Army: Family Housing

Country	Installation or Location	Units	Amount
<i>Germany</i>	<i>Baumholder</i>	<i>Family Housing New Construc- tion</i>	\$57,000,000
<i>Italy</i>	<i>Vincenza</i>	<i>Family Housing New Construc- tion</i>	\$95,000,000

11 (b) **PLANNING AND DESIGN.**—Using amounts appro-
12 priated pursuant to the authorization of appropriations in
13 section 2103(a) and available for military family housing
14 functions as specified in the funding table in section 4601,
15 the Secretary of the Army may carry out architectural and
16 engineering services and construction design activities with
17 respect to the construction or improvement of family hous-
18 ing units in an amount not to exceed \$17,339,000.

1 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

2 (a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are
3 hereby authorized to be appropriated for fiscal years begin-
4 ning after September 30, 2022, for military construction,
5 land acquisition, and military family housing functions of
6 the Department of the Army as specified in the funding
7 table in section 4601.

8 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*
9 *PROJECTS.*—Notwithstanding the cost variations author-
10 ized by section 2853 of title 10, United States Code, and
11 any other cost variation authorized by law, the total cost
12 of all projects carried out under section 2101 may not ex-
13 ceed the total amount authorized to be appropriated under
14 subsection (a), as specified in the funding table in section
15 4601.

16 **SEC. 2104. DEMOLITION OF DISTRICT OF COLUMBIA FORT**
17 **MCNAIR QUARTERS 4, 13, AND 15.**

18 Not later than one year after the date on which all
19 the individuals occupying District of Columbia Fort
20 McNair Quarters 4, 13, and 15, as of the date of the enact-
21 ment of this Act, have moved out of such Quarters, the Sec-
22 retary of the Army shall demolish such Quarters.

23 **SEC. 2105. MODIFICATION OF AUTHORITY TO CARRY OUT**
24 **CERTAIN FISCAL YEAR 2019 PROJECT.**

25 In the case of the authorization contained in the table
26 in section 2101(b) of the Military Construction Authoriza-

1 *tion Act for Fiscal Year 2019 (Public Law 115–232; 132*
 2 *Stat. 2242) for Camp Tango, Korea, for construction of a*
 3 *command and control facility at the installation, the Sec-*
 4 *retary of the Army may increase scope for a dedicated, en-*
 5 *closed egress pathway out of the underground facility to fa-*
 6 *cilitate safe escape in case of fire.*

7 **SEC. 2106. EXTENSION OF AUTHORITY TO CARRY OUT CER-**
 8 **TAIN FISCAL YEAR 2018 PROJECTS.**

9 (a) *EXTENSION.*—(1) *Notwithstanding section 2002 of*
 10 *the Military Construction Authorization Act for Fiscal Year*
 11 *2018 (division B of Public Law 115–91; 131 Stat. 1817),*
 12 *the authorization set forth in the table in paragraph (2),*
 13 *as provided in section 2101(b) of that Act (131 Stat. 1819),*
 14 *shall remain in effect until October 1, 2023, or the date*
 15 *of the enactment of an Act authorizing funds for military*
 16 *construction for fiscal year 2024, whichever is later.*

17 (2) *The table referred to in paragraph (1) is as follows:*

Army: Extension of 2018 Project Authorization

Country	Installation or Location	Project	Original Authorized Amount
<i>Korea</i>	<i>Kunsan Air Base</i>	<i>Unmanned Aerial Vehicle Hangar</i>	<i>\$53,000,000</i>

18 (b) *ARMY FAMILY HOUSING.*—(1) *Notwithstanding*
 19 *section 2002 of the Military Construction Authorization Act*
 20 *for Fiscal Year 2018 (division B of Public Law 115–91;*
 21 *131 Stat. 1817), the authorization set forth in the table in*

1 paragraph (2), as provided in section 2102 of that Act (131
 2 Stat. 1820), shall remain in effect until October 1, 2023,
 3 or the date of the enactment of an Act authorizing funds
 4 for military construction for fiscal year 2024, whichever is
 5 later.

6 (2) The table referred to in paragraph (1) is as follows:

Army: Extension of 2018 Project Authorization

Country	Installation or Location	Project	Original Authorized Amount
<i>Kwajalein</i>	<i>Kwajalein Atoll</i>	<i>Family Housing Replacement Construction</i>	\$31,000,000

7 **SEC. 2107. MODIFICATION OF AUTHORITY TO CARRY OUT**
 8 **CERTAIN FISCAL YEAR 2018 PROJECTS.**

9 (a) *KUNSAN AIR BASE, KOREA.*—In the case of the
 10 authorization contained in the table in section 2101(b) of
 11 the *Military Construction Authorization Act for Fiscal Year*
 12 *2018* (division B of Public Law 115–91; 131 Stat. 1819)
 13 for *Kunsan Air Base, Korea*, for construction of an Un-
 14 manned *Aerial Vehicle Hangar* at the installation, the Sec-
 15 retary of the Army may—

16 (1) *construct the hangar at Camp Humphries,*
 17 *Korea; and*

18 (2) *remove primary scope associated with the re-*
 19 *location of the air defense artillery battalion facilities*
 20 *to include a ground based missile defense equipment*
 21 *area, fighting positions, a missile resupply area air*

1 defense artillery facility, a ready building and com-
 2 mand post, a battery command post area, a safety
 3 shelter, and a guard booth.

4 (b) *KWAJALEIN ATOLL, HWAJALEIN.*—Section
 5 2879(a)(1)(A) of the Military Construction Authorization
 6 Act for Fiscal Year 2018 (division B of Public Law 115–
 7 91; 131 Stat. 1874) is amended by striking “at least 26
 8 family housing units” and inserting “not more than 26
 9 family housing units”.

10 **TITLE XXII—NAVY MILITARY**
 11 **CONSTRUCTION**

12 **SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND**
 13 **ACQUISITION PROJECTS.**

14 (a) *INSIDE THE UNITED STATES.*—Using amounts ap-
 15 propriated pursuant to the authorization of appropriations
 16 in section 2203(a) and available for military construction
 17 projects inside the United States as specified in the funding
 18 table in section 4601, the Secretary of the Navy may ac-
 19 quire real property and carry out military construction
 20 projects for the installations or locations inside the United
 21 States, and in the amounts, set forth in the following table:

Navy: Inside the United States

State	Installation or Location	Amount
California	Marine Corps Base Ground Combat Center Twentynine Palms.	\$120,382,000
	Marine Corps Base Camp Pendleton	\$85,210,000
	Naval Air Station Lemoore	\$201,261,000
	Naval Base Point Loma	\$56,450,000
Connecticut	Naval Submarine Base New London	\$15,514,000
Florida	Naval Air Station Jacksonville	\$86,232,000
	Naval Air Station Whiting Field	\$57,789,000

Navy: Inside the United States—Continued

<i>State</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Georgia</i>	<i>Naval Submarine Base Kings Bay</i>	<i>\$279,171,000</i>
<i>Guam</i>	<i>Marine Corps Base Camp Blaz</i>	<i>\$330,589,000</i>
<i>Hawaii</i>	<i>Marine Corps Base Kaneohe Bay</i>	<i>\$87,930,000</i>
	<i>Joint Base Pearl Harbor- Hickam</i>	<i>\$3,637,692,000</i>
<i>North Carolina</i>	<i>Marine Corps Air Station Cherry Point</i>	<i>\$38,415,000</i>
	<i>Marine Corps Base Camp Lejeune</i>	<i>\$47,475,000</i>
<i>Nevada</i>	<i>Naval Air Station Fallon</i>	<i>\$97,865,000</i>
<i>Virginia</i>	<i>Naval Station Norfolk</i>	<i>\$16,863,000</i>
<i>Washington</i>	<i>Naval Air Station Whidbey Island</i>	<i>\$37,461,000</i>

1 **(b) OUTSIDE THE UNITED STATES.**—Using amounts
2 *appropriated pursuant to the authorization of appropria-*
3 *tions in section 2203(a) and available for military con-*
4 *struction projects outside the United States as specified in*
5 *the funding table in section 4601, the Secretary of the Navy*
6 *may acquire real property and carry out military construc-*
7 *tion projects for the installation outside the United States,*
8 *and in the amount, set forth in the following table:*

Navy: Outside the United States

<i>Country</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Australia</i>	<i>Royal Australian Air Base Darwin</i>	<i>\$258,831,000</i>
<i>Japan</i>	<i>Kadena Air Base</i>	<i>\$195,400,000</i>

9 **SEC. 2202. FAMILY HOUSING.**

10 **(a) CONSTRUCTION AND ACQUISITION.**—Using
11 *amounts appropriated pursuant to the authorization of ap-*
12 *propriations in section 2203(a) and available for military*
13 *family housing functions as specified in the funding table*
14 *in section 4601, the Secretary of the Navy may construct*
15 *or acquire family housing units (including land acquisition*
16 *and supporting facilities) at the installations or locations,*

1 *in the number of units or for the purposes, and in the*
 2 *amounts set forth in the following table:*

Navy: Family Housing

<i>Location</i>	<i>Installation</i>	<i>Units or Purpose</i>	<i>Amount</i>
<i>Guam</i>	<i>Naval Support Activity Anderson.</i>	<i>Family housing new construction</i>	<i>\$248,634,000</i>
		<i>.....</i>	<i>.....</i>

3 *(b) IMPROVEMENTS TO MILITARY FAMILY HOUSING*
 4 *UNITS.—Subject to section 2825 of title 10, United States*
 5 *Code, and using amounts appropriated pursuant to the au-*
 6 *thorization of appropriations in section 2203(a) and avail-*
 7 *able for military family housing functions as specified in*
 8 *the funding table in section 4601, the Secretary of the Navy*
 9 *may improve existing military family housing units in an*
 10 *amount not to exceed \$74,540,000.*

11 *(c) PLANNING AND DESIGN.—Using amounts appro-*
 12 *priated pursuant to the authorization of appropriations in*
 13 *section 2203(a) and available for military family housing*
 14 *functions as specified in the funding table in section 4601,*
 15 *the Secretary of the Navy may carry out architectural and*
 16 *engineering services and construction design activities with*
 17 *respect to the construction or improvement of family hous-*
 18 *ing units in an amount not to exceed \$24,224,000.*

19 ***SEC. 2203. AUTHORIZATION OF APPROPRIATIONS, NAVY.***

20 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*
 21 *hereby authorized to be appropriated for fiscal years begin-*

1 *ning after September 30, 2022, for military construction,*
2 *land acquisition, and military family housing functions of*
3 *the Department of the Navy, as specified in the funding*
4 *table in section 4601.*

5 **(b) LIMITATION ON TOTAL COST OF CONSTRUCTION**
6 **PROJECTS.**—*Notwithstanding the cost variations author-*
7 *ized by section 2853 of title 10, United States Code, and*
8 *any other cost variation authorized by law, the total cost*
9 *of all projects carried out under section 2201 of this Act*
10 *may not exceed the total amount authorized to be appro-*
11 *priated under subsection (a), as specified in the funding*
12 *table in section 4601.*

13 **SEC. 2204. EXTENSION OF AUTHORITY TO CARRY OUT CER-**
14 **TAIN FISCAL YEAR 2018 PROJECT.**

15 **(a) EXTENSION.**—*Notwithstanding section 2002 of the*
16 *Military Construction Authorization Act for Fiscal Year*
17 *2018 (division B of Public Law 115–91; 131 Stat. 1817),*
18 *the authorization set forth in the table in subsection (a),*
19 *as provided in section 2201(a) of that Act (131 Stat. 1822),*
20 *shall remain in effect until October 1, 2023, or the date*
21 *of the enactment of an Act authorizing funds for military*
22 *construction for fiscal year 2024, whichever is later.*

23 **(b) TABLE.**—*The table referred to in subsection (a) is*
24 *as follows:*

Navy: Extension of 2018 Project Authorization

Country	Installation or Location	Project	Original Authorized Amount
Guam	Joint Region Marianas	Navy-Commercial Tie-in Hardening	\$37,180,000

1 **SEC. 2205. TRANSFER OF CUSTOMERS FROM ELECTRICAL**
2 **UTILITY SYSTEM OF THE NAVY AT FORMER**
3 **NAVAL AIR STATION BARBER'S POINT, HA-**
4 **WAI, TO NEW ELECTRICAL SYSTEM IN**
5 **KALAELOA, HAWAII.**

6 (a) *IN GENERAL.*—Subject to the availability of appro-
7 priations for such purpose, the Secretary of the Navy shall
8 pay the reasonable costs to transfer all customers off of the
9 electrical utility system of the Navy located at former Naval
10 Air Station Barber's Point, Hawaii, to the new electrical
11 system in Kalaeloa, Hawaii, operated by Hawaii Electric.

12 (b) *FACILITATION OF TRANSFER.*—To facilitate the
13 transfer of customers described in subsection (a), the Sec-
14 retary of the Navy shall provide the following to the State
15 of Hawaii:

16 (1) *A load analysis and design necessary to com-*
17 *plete such transfer.*

18 (2) *Such rights of way and easements as may be*
19 *necessary to support the construction of replacement*
20 *electrical infrastructure.*

1 (c) *DISPOSAL OF NAVY ELECTRICAL SYSTEM.*—After
2 all customers have been transferred as required under sub-
3 section (a), the Secretary of the Navy may dispose of the
4 electrical system of the Navy located at former Naval Air
5 Station Barber’s Point, Hawaii.

6 (d) *AUTHORITY FOR THIRD-PARTY AGREEMENT.*—The
7 Secretary of the Navy may enter into a cooperative agree-
8 ment or other appropriate instrument with a non-Depart-
9 ment of Defense entity under which—

10 (1) such entity shall agree to facilitate the trans-
11 fer of customers under subsection (a); and

12 (2) subject to the availability of appropriations
13 for such purpose, the Secretary of the Navy shall
14 agree to reimburse such entity for the reasonable costs
15 of such transfer.

16 **TITLE XXIII—AIR FORCE**
17 **MILITARY CONSTRUCTION**

18 **SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND**
19 **LAND ACQUISITION PROJECTS.**

20 (a) *INSIDE THE UNITED STATES.*—Using amounts ap-
21 propriated pursuant to the authorization of appropriations
22 in section 2303(a) and available for military construction
23 projects inside the United States as specified in the funding
24 table in section 4601, the Secretary of the Air Force may
25 acquire real property and carry out military construction

1 projects for the installations or locations inside the United
 2 States, and in the amounts, set forth in the following table:

Air Force: Inside the United States

<i>State</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Alaska</i>	<i>Clear Air Force Station</i>	\$68,000,000
<i>Alabama</i>	<i>Maxwell Air Force Base</i>	\$15,000,000
<i>California</i>	<i>Travis Air Force Base</i>	\$7,500,000
	<i>Vandenberg Air Force Base</i>	\$89,000,000
<i>Florida</i>	<i>Patrick Space Force Base</i>	\$97,000,000
<i>Hawaii</i>	<i>Kirtland Air Force Base, Maui Ex-</i> <i>perimental Site</i>	\$89,000,000
<i>Ohio</i>	<i>Wright-Patterson Air Force Base</i> ...	\$29,000,000
<i>Oklahoma</i>	<i>Altus Air Force Base</i>	\$4,750,000
	<i>Tinker Air Force Base</i>	\$43,600,000
<i>South Carolina</i>	<i>Shaw Air Force Base</i>	\$10,000,000
<i>South Dakota</i>	<i>Ellsworth Air Force Base</i>	\$328,000,000
<i>Tennessee</i>	<i>Arnold Air Force Base</i>	\$38,000,000
<i>Texas</i>	<i>Joint Base San Antonio-Randolph</i>	\$29,000,000
<i>Utah</i>	<i>Hill Air Force Base</i>	\$84,000,000
<i>Wyoming</i>	<i>F.E. Warren Air Force Base</i>	\$176,000,000

3 (b) *OUTSIDE THE UNITED STATES.*—Using amounts
 4 appropriated pursuant to the authorization of appropri-
 5 ations in section 230__ (a) and available for military con-
 6 struction projects outside the United States as specified in
 7 the funding table in section 4601, the Secretary of the Air
 8 Force may acquire real property and carry out military
 9 construction projects for the installations or locations out-
 10 side the United States, and in the amounts, set forth in
 11 the following table:

Air Force: Outside the United States

<i>Country</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Hungary</i>	<i>Papa Air Base</i>	\$71,000,000
<i>Iceland</i>	<i>Keflavik</i>	\$94,000,000
<i>Italy</i>	<i>Aviano Air Base</i>	\$46,500,000
<i>Japan</i>	<i>Kadena Air Base</i>	\$307,000,000
<i>Jordan</i>	<i>Azraq Air Base</i>	\$50,000,000
<i>Norway</i>	<i>Rygge</i>	\$8,200,000
<i>Spain</i>	<i>Moron Air Base</i>	\$29,000,000

1 **SEC. 2302. FAMILY HOUSING AND IMPROVEMENTS TO MILI-**
2 **TARY FAMILY HOUSING UNITS.**

3 (a) *IMPROVEMENTS TO MILITARY FAMILY HOUSING*
4 *UNITS.*—Subject to section 2825 of title 10, United States
5 Code, and using amounts appropriated pursuant to the au-
6 thorization of appropriations in section 230__ (a) and
7 available for military family housing functions as specified
8 in the funding table in section 4601, the Secretary of the
9 Air Force may improve existing military family housing
10 units in an amount not to exceed \$230,058,000.

11 (b) *PLANNING AND DESIGN.*—Using amounts appro-
12 priated pursuant to the authorization of appropriations in
13 section 230__ (a) and available for military family housing
14 functions as specified in the funding table in section 4601,
15 the Secretary of the Air Force may carry out architectural
16 and engineering services and construction design activities
17 with respect to the construction or improvement of family
18 housing units in an amount not to exceed \$2,730,000.

19 **SEC. 2303. AUTHORIZATION OF APPROPRIATIONS, AIR**
20 **FORCE.**

21 (a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are
22 hereby authorized to be appropriated for fiscal years begin-
23 ning after September 30, 2022, for military construction,
24 land acquisition, and military family housing functions of
25 the Department of the Air Force, as specified in the funding
26 table in section 4601.

1 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*
 2 *PROJECTS.*—*Notwithstanding the cost variations author-*
 3 *ized by section 2853 of title 10, United States Code, and*
 4 *any other cost variation authorized by law, the total cost*
 5 *of all projects carried out under section 2301 may not ex-*
 6 *ceed the total amount authorized to be appropriated under*
 7 *subsection (a), as specified in the funding table in section*
 8 *4601.*

9 **SEC. 2304. EXTENSION OF AUTHORITY TO CARRY OUT CER-**
 10 **TAIN FISCAL YEAR 2018 PROJECTS.**

11 (a) *EXTENSION.*—

12 (1) *EXTENSION.*—*Notwithstanding section 2002*
 13 *of the Military Construction Authorization Act for*
 14 *Fiscal Year 2018 (division B of Public Law 115–91;*
 15 *131 Stat. 1817), the authorizations set forth in the*
 16 *table in paragraph (2), as provided in section*
 17 *2301(a) of that Act (131 Stat. 1825), shall remain in*
 18 *effect until October 1, 2023, or the date of the enact-*
 19 *ment of an Act authorizing funds for military con-*
 20 *struction for fiscal year 2024, whichever is later.*

21 (2) *TABLE.*—*The table referred to in paragraph*
 22 *(1) is as follows:*

Air Force: Extension of 2018 Project Authorizations

<i>State</i>	<i>Installation or Location</i>	<i>Project</i>	<i>Original Authorized Amount</i>
<i>Florida</i>	<i>Tyndall Air Force Base</i>	<i>Fire Station</i>	<i>\$17,000,000</i>

Air Force: Extension of 2018 Project Authorizations—Continued

State	Installation or Location	Project	Original Authorized Amount
Texas	Joint Base San Antonio	BMT Classrooms/ Dining	\$38,000,000
	Joint Base San Antonio	Camp Bullis Dining Facility	\$18,500,000
Wyoming	F. E. Warren Air Force Base	Consolidated Helo/ TRF Ops/AMU and Alert Fac.	\$62,000,000

1 (b) OVERSEAS CONTINGENCY OPERATIONS.—

2 (1) EXTENSION.—Notwithstanding section 2002
3 of the Military Construction Authorization Act for
4 Fiscal Year 2018 (division B of Public Law 115–91;
5 131 Stat. 1817), the authorizations set forth in the
6 table in paragraph (2), as provided in section 2903
7 of that Act (131 Stat. 1876), shall remain in effect
8 until October 1, 2023, or the date of the enactment of
9 an Act authorizing funds for military construction
10 for fiscal year 2024, whichever is later.

11 (2) TABLE.—The table referred to in paragraph
12 (1) is as follows:

Air Force: Extension of 2018 Project Authorizations

Country	Installation or Location	Project	Original Authorized Amount
Hungary	Kecskemet Air Base	ERI: Airfield Up- grades	\$12,900,000
	Kecskemet Air Base	ERI: Construct Par- allel Taxiway	\$30,000,000
	Kecskemet Air Base	ERI: Increase POL Storage Capacity ..	\$12,500,000
Luxembourg	Sanem	ERI: ECAOS Deployable Airbase System Storage	\$67,400,000
Slovakia	Malacky	ERI: Airfield Up- grades	\$4,000,000

Air Force: Extension of 2018 Project Authorizations—Continued

Country	Installation or Location	Project	Original Authorized Amount
	<i>Malacky</i>	<i>ERI: Increase POL Storage Capacity ..</i>	\$20,000,000
	<i>ERI: Airfield Upgrades</i>	<i>Construct Combat Arms Training and Maintenance Facility</i>	\$22,000,000

1 **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**
2 **CERTAIN FISCAL YEAR 2021 PROJECT.**

3 *In the case of the authorization contained in the table*
4 *in section 2301(a) of the Military Construction Authoriza-*
5 *tion Act for Fiscal Year 2021 (division B of Public Law*
6 *116–283; 134 Stat. 4299) for Hill Air Force Base, Utah,*
7 *for construction of GBSD Organic Software Sustainment*
8 *Center, the Secretary of the Air Force may construct—*

- 9 (1) *up to 7,526 square meters of Surface Parking*
10 *Lot in lieu of constructing a 13,434 square meters ve-*
11 *hicle parking garage; and*
12 (2) *up to 402 square meters of Storage Igloo.*

13 **SEC. 2306. MODIFICATION OF AUTHORITY TO CARRY OUT**
14 **CERTAIN MILITARY CONSTRUCTION**
15 **PROJECTS AT TYNDALL AIR FORCE BASE,**
16 **FLORIDA.**

17 *In the case of the authorization contained in section*
18 *2912(a) of the Military Construction Authorization Act for*
19 *Fiscal Year 2020 (division B of Public Law 116–92; 133*
20 *Stat. 1913) for Tyndall Air Force Base, Florida—*

1 (1) *for construction of Lodging Facilities Phases*
2 *1-2, as specified in such funding table and modified*
3 *by section 2306(a)(7) of the Military Construction*
4 *Authorization Act for Fiscal Year 2021 (division B of*
5 *Public Law 116–283; 134 Stat. 4302), the Secretary*
6 *of the Air Force may construct two emergency backup*
7 *generators;*

8 (2) *for construction of Dorm Complex Phases 1-*
9 *2, as specified in such funding table and modified by*
10 *section 2306(a)(8) of the Military Construction Au-*
11 *thorization Act for Fiscal Year 2021 (division B of*
12 *Public Law 116–283; 134 Stat. 4302), the Secretary*
13 *of the Air Force may construct an emergency backup*
14 *generator;*

15 (3) *for construction of Site Development, Utili-*
16 *ties, and Demo Phase 2, as specified in such funding*
17 *table and modified by section 2306(a)(6) of the Mili-*
18 *tary Construction Authorization Act for Fiscal Year*
19 *2021 (division B of Public Law 116–283; 134 Stat.*
20 *4302), the Secretary of the Air Force may construct—*

21 (A) *up to 6,248 lineal meters of storm water*
22 *utilities;*

23 (B) *up to 55,775 square meters of roads;*

24 (C) *up to 4,334 lineal meters of gas pipe-*
25 *line; and*

1 (D) up to 28,958 linear meters of electrical;
 2 (4) for construction of Tyndall AFB Gate Com-
 3 plex, as specified in such funding table and modified
 4 by section 2306(a)(9) of the Military Construction
 5 Authorization Act for Fiscal Year 2021 (division B of
 6 Public Law 116–283; 134 Stat. 4302), the Secretary
 7 of the Air Force may construct up to 55,694 square
 8 meters of roadway with serpentines; and

9 (5) for construction of Deployment Center/Flight
 10 Line Dining/AAFES, as specified in such funding
 11 table and modified by section 2306(a)(11) of the Mili-
 12 tary Construction Authorization Act for Fiscal Year
 13 2021 (division B of Public Law 116–283; 134 Stat.
 14 4303), the Secretary of the Air Force may construct
 15 up to 164 square meters of AAFES (Shoppette).

16 **TITLE XXIV—DEFENSE AGEN-**
 17 **CIES MILITARY CONSTRUC-**
 18 **TION**

19 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**
 20 **TION AND LAND ACQUISITION PROJECTS.**

21 (a) *INSIDE THE UNITED STATES.*—Using amounts ap-
 22 propriated pursuant to the authorization of appropriations
 23 in section 2403(a) and available for military construction
 24 projects inside the United States as specified in the funding
 25 table in section 4601, the Secretary of Defense may acquire

1 *real property and carry out military construction projects*
 2 *for the installations or locations inside the United States,*
 3 *and in the amounts, set forth in the following table:*

Defense Agencies: Inside the United States

<i>State</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>California</i>	<i>Coronado</i>	<i>\$75,712,000</i>
<i>Florida</i>	<i>Hurlburt Field</i>	<i>\$9,100,000</i>
.....	<i>MacDill Air Force Base</i>	<i>\$50,000,000</i>
<i>North Carolina</i>	<i>Fort Bragg</i>	<i>\$34,470,000</i>
<i>Texas</i>	<i>Joint Base San Antonio</i>	<i>\$58,600,000</i>
<i>Virginia</i>	<i>Dam Neck</i>	<i>\$26,600,000</i>
	<i>Pentagon</i>	<i>\$18,000,000</i>

4 (b) *OUTSIDE THE UNITED STATES.*—Using amounts
 5 appropriated pursuant to the authorization of appropria-
 6 tions in section 2403(a) and available for military con-
 7 struction projects outside the United States as specified in
 8 the funding table in section 4601, the Secretary of Defense
 9 may acquire real property and carry out military construc-
 10 tion projects for the installation or location outside the
 11 United States, and in the amount, set forth in the following
 12 table:

Defense Agencies: Outside the United States

<i>Country</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Germany</i>	<i>Baumholder</i>	<i>\$149,023,000</i>
<i>Japan</i>	<i>Yokota Air Base</i>	<i>\$72,154,000</i>

13 ***SEC. 2402. AUTHORIZED ENERGY RESILIENCE AND CON-***
 14 ***SERVATION INVESTMENT PROGRAM***
 15 ***PROJECTS.***

16 (a) *INSIDE THE UNITED STATES.*—Using amounts ap-
 17 propriated pursuant to the authorization of appropriations

1 *in section 2403(a) and available for energy conservation*
 2 *projects as specified in the funding table in section 4601,*
 3 *the Secretary of Defense may carry out energy conservation*
 4 *projects under chapter 173 of title 10, United States Code,*
 5 *for the installations or locations inside the United States,*
 6 *and in the amounts, set forth in the following table:*

ERCIP Projects: Inside the United States

<i>State</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Alabama</i>	<i>Redstone Arsenal</i>	<i>\$10,700,000</i>
<i>California</i>	<i>Marine Corps Mountain Warfare Training Center Bridgeport</i>	<i>\$25,560,000</i>
	<i>Naval Base Ventura County, PT Magu</i>	<i>\$13,360,000</i>
<i>Florida</i>	<i>Naval Air Station Jacksonville</i>	<i>\$2,400,000</i>
	<i>Patrick Space Force Base</i>	<i>\$18,000,000</i>
<i>Georgia</i>	<i>Fort Stewart-Hunter Army Airfield</i>	<i>\$25,400,000</i>
	<i>Naval Submarine Base Kings Bay</i>	<i>\$11,200,000</i>
<i>Guam</i>	<i>Naval Base Guam</i>	<i>\$34,360,000</i>
<i>Hawaii</i>	<i>Joint Base Pearl Harbor- Hickam</i>	<i>\$25,000,000</i>
<i>Kansas</i>	<i>Fort Riley</i>	<i>\$25,780,000</i>
<i>Maryland</i>	<i>Fort George G. Meade</i>	<i>\$23,310,000</i>
<i>Texas</i>	<i>Fort Hood</i>	<i>\$31,500,000</i>
	<i>U.S. Army Reserve Center, Conroe</i>	<i>\$9,600,000</i>
<i>Virginia</i>	<i>Naval Support Activity, Hampton Roads</i>	<i>\$22,400,000</i>
	<i>NCE Springfield, Fort Belvoir</i>	<i>\$1,100,000</i>

7 (b) *OUTSIDE THE UNITED STATES.—Using amounts*
 8 *appropriated pursuant to the authorization of appropria-*
 9 *tions in section 2403(a) and available for energy conserva-*
 10 *tion projects as specified in the funding table in section*
 11 *4601, the Secretary of Defense may carry out energy con-*
 12 *servation projects under chapter 173 of title 10, United*
 13 *States Code, for the installations or locations outside the*
 14 *United States, and in the amounts, set forth in the following*
 15 *table:*

ERCIP Projects: Outside the United States

<i>Country</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Djibouti</i>	<i>Camp Lemmonier</i>	<i>\$24,000,000</i>

ERCIP Projects: Outside the United States—Continued

Country	Installation or Location	Amount
<i>Japan</i>	<i>Kadena Air Base</i>	\$780,000
<i>Kuwait</i>	<i>Camp Arifjan</i>	\$26,850,000
<i>Norway</i>	<i>Rygge</i>	\$8,200,000
<i>Spain</i>	<i>Moron Air Base</i>	\$29,000,000

1 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DEFENSE**
2 **AGENCIES.**

3 (a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are
4 hereby authorized to be appropriated for fiscal years begin-
5 ning after September 30, 2022, for military construction,
6 land acquisition, and military family housing functions of
7 the Department of Defense (other than the military depart-
8 ments), as specified in the funding table in section 4601.

9 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*
10 *PROJECTS.*—Notwithstanding the cost variations author-
11 ized by section 2853 of title 10, United States Code, and
12 any other cost variation authorized by law, the total cost
13 of all projects carried out under section 2401 may not ex-
14 ceed the total amount authorized to be appropriated under
15 subsection (a), as specified in the funding table in section
16 4601.

17 **SEC. 2404. EXTENSION OF AUTHORITY TO CARRY OUT CER-**
18 **TAIN FISCAL YEAR 2018 PROJECTS.**

19 (a) *EXTENSION.*—Notwithstanding section 2002 of the
20 *Military Construction Authorization Act for Fiscal Year*
21 *2018 (division B of Public Law 115–91; 131 Stat. 1817),*

1 *the authorization set forth in the table in subsection (b),*
 2 *as provided in section 2401(b) of that Act (131 Stat. 1829),*
 3 *shall remain in effect until October 1, 2023, or the date*
 4 *of the enactment of an Act authorizing funds for military*
 5 *construction for fiscal year 2024, whichever is later.*

6 (b) *TABLE.—The table referred to in subsection (a) is*
 7 *as follows:*

Defense Agencies: Extension of 2017 Project Authorization

<i>Country</i>	<i>Installation</i>	<i>Project</i>	<i>Original Authorized Amount</i>
<i>Japan</i>	<i>Iwakuni</i>	<i>Construct Bulk Storage Tanks PH 1 ...</i>	<i>\$30,800,000</i>
<i>Puerto Rico</i>	<i>USCG Station; Punta Borinquen</i>	<i>Ramey Unit School Replacement</i>	<i>\$61,071,000</i>

8 ***TITLE XXV—INTERNATIONAL***
 9 ***PROGRAMS***
 10 ***Subtitle A—North Atlantic Treaty***
 11 ***Organization Security Invest-***
 12 ***ment Program***

13 ***SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND***
 14 ***ACQUISITION PROJECTS.***

15 *The Secretary of Defense may make contributions for*
 16 *the North Atlantic Treaty Organization Security Invest-*
 17 *ment Program as provided in section 2806 of title 10,*
 18 *United States Code, in an amount not to exceed the sum*
 19 *of the amount authorized to be appropriated for this pur-*
 20 *pose in section 2502 and the amount collected from the*

1 *North Atlantic Treaty Organization as a result of construc-*
 2 *tion previously financed by the United States.*

3 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

4 *Funds are hereby authorized to be appropriated for fis-*
 5 *cal years beginning after September 30, 2022, for contribu-*
 6 *tions by the Secretary of Defense under section 2806 of title*
 7 *10, United States Code, for the share of the United States*
 8 *of the cost of projects for the North Atlantic Treaty Organi-*
 9 *zation Security Investment Program authorized by section*
 10 *2501 as specified in the funding table in section 4601.*

11 ***Subtitle B—Host Country In-Kind***
 12 ***Contributions***

13 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**
 14 **PROJECTS.**

15 *Pursuant to agreement with the Republic of Korea for*
 16 *required in-kind contributions, the Secretary of Defense*
 17 *may accept military construction projects for the installa-*
 18 *tions or locations in the Republic of Korea, and in the*
 19 *amounts, set forth in the following table:*

Republic of Korea Funded Construction Projects

<i>Component</i>	<i>Installation or Location</i>	<i>Project</i>	<i>Amount</i>
<i>Army</i>	<i>Camp Humphreys</i>	<i>Quartermaster Laundry/ Dry Cleaner Facility</i>	<i>\$24,000,000</i>
<i>Army</i>	<i>Camp Humphreys</i>	<i>MILVAN CONNEX Storage Yard</i>	<i>\$20,000,000</i>
<i>Navy</i>	<i>Camp Mujuk</i>	<i>Replace Ordnance Storage Magazines</i>	<i>\$150,000,000</i>
<i>Navy</i>	<i>Fleet Activities Chinhae</i>	<i>Water Treatment Plant Re- location</i>	<i>\$6,000,000</i>
<i>Air Force</i>	<i>Gimhae Air Base</i>	<i>Refueling Vehicle Shop</i>	<i>\$8,800,000</i>

Republic of Korea Funded Construction Projects—Continued

Component	Installation or Location	Project	Amount
<i>Air Force</i>	<i>Osan Air Base</i>	<i>Combined Air and Space Operations Intelligence Center</i>	\$306,000,000
<i>Air Force</i>	<i>Osan Air Base</i>	<i>Upgrade Electrical Distribution West, Phase 3 ..</i>	\$235,000,000

1 **SEC. 2512. REPEAL OF AUTHORIZED APPROACH TO CER-**
2 **TAIN CONSTRUCTION PROJECT.**

3 *Section 2511 of the Military Construction Authoriza-*
4 *tion Act for Fiscal Year 2022 (division B of Public Law*
5 *117–81; 135 Stat. 2177) is amended—*

6 (1) *by striking “(a) AUTHORITY TO ACCEPT*
7 *PROJECTS.—”;* and

8 (2) *by striking subsection (b).*

9 **TITLE XXVI—GUARD AND**
10 **RESERVE FORCES FACILITIES**

11 **SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-**
12 **STRUCTION AND LAND ACQUISITION**
13 **PROJECTS.**

14 *Using amounts appropriated pursuant to the author-*
15 *ization of appropriations in section 2605 and available for*
16 *the National Guard and Reserve as specified in the funding*
17 *table in section 4601, the Secretary of the Army may ac-*
18 *quire real property and carry out military construction*
19 *projects for the Army National Guard installations or loca-*
20 *tions inside the United States, and in the amounts, set forth*
21 *in the following table:*

Army National Guard

State	Installation or Location	Amount
Delaware	New Castle	\$16,000,000
Florida	Palm Coast	\$12,000,000
	Camp Blanding	\$24,700,000
Hawaii	Kapolei	\$29,000,000
Iowa	West Des Moines	\$15,000,000
Indiana	Atlanta	\$20,000,000
Michigan	Camp Grayling	\$16,000,000
Minnesota	New Ulm	\$17,000,000
North Carolina ...	McLeansville	\$15,000,000
Nevada	Reno	\$18,000,000
New York	Troy	\$17,000,000
Vermont	Bennington	\$14,800,000
West Virginia	Buckhannon	\$14,000,000
Wyoming	Sheridan	\$14,800,000

1 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**
 2 **AND LAND ACQUISITION PROJECTS.**

3 *Using amounts appropriated pursuant to the author-*
 4 *ization of appropriations in section 2606 and available for*
 5 *the National Guard and Reserve as specified in the funding*
 6 *table in section 4601, the Secretary of the Army may ac-*
 7 *quire real property and carry out military construction*
 8 *projects for the Army Reserve installations or locations in-*
 9 *side the United States, and in the amounts, set forth in*
 10 *the following table:*

Army Reserve

State	Installation or Location	Amount
Florida	Perrine	\$46,000,000
Puerto Rico	Fort Buchanan	\$24,000,000

11 **SEC. 2603. AUTHORIZED AIR NATIONAL GUARD CONSTRUC-**
 12 **TION AND LAND ACQUISITION PROJECTS.**

13 *Using amounts appropriated pursuant to the author-*
 14 *ization of appropriations in section 2606 and available for*
 15 *the National Guard and Reserve as specified in the funding*

1 *table in section 4601, the Secretary of the Air Force may*
 2 *acquire real property and carry out military construction*
 3 *projects for the Air National Guard installations or loca-*
 4 *tions inside the United States, and in the amounts, set forth*
 5 *in the following table:*

Air National Guard

<i>State</i>	<i>Installation or Location</i>	<i>Amount</i>
<i>Alabama</i>	<i>Birmingham International Airport</i>	<i>\$7,500,000</i>
<i>Arizona</i>	<i>Morris Air National Guard Base</i>	<i>\$12,000,000</i>
	<i>Tucson International Airport</i>	<i>\$10,000,000</i>
<i>Florida</i>	<i>Jacksonville International Airport</i>	<i>\$22,200,000</i>
<i>Indiana</i>	<i>Fort Wayne International Airport</i>	<i>\$12,800,000</i>
<i>Tennessee</i>	<i>Mcghee-Tyson Airport</i>	<i>\$23,800,000</i>

6 ***SEC. 2604. AUTHORIZED AIR FORCE RESERVE CONSTRUC-***
 7 ***TION AND LAND ACQUISITION PROJECTS.***

8 *Using amounts appropriated pursuant to the author-*
 9 *ization of appropriations in section 2606 and available for*
 10 *the National Guard and Reserve as specified in the funding*
 11 *table in section 4601, the Secretary of the Air Force may*
 12 *acquire real property and carry out military construction*
 13 *projects for the installations inside the United States, and*
 14 *in the amounts, set forth in the following table:*

Air Force Reserve

<i>State</i>	<i>Installation</i>	<i>Amount</i>
<i>California</i>	<i>Beale Air Force Base</i>	<i>\$33,000,000</i>
<i>Virginia</i>	<i>Joint Base Langley-Eustis</i>	<i>\$10,500,000</i>

15 ***SEC. 2605. AUTHORIZATION OF APPROPRIATIONS, NA-***
 16 ***TIONAL GUARD AND RESERVE.***

17 *Funds are hereby authorized to be appropriated for fis-*
 18 *cal years beginning after September 30, 2022, for the costs*

1 *of acquisition, architectural and engineering services, and*
2 *construction of facilities for the Guard and Reserve Forces,*
3 *and for contributions therefor, under chapter 1803 of title*
4 *10, United States Code (including the cost of acquisition*
5 *of land for those facilities), as specified in the funding table*
6 *in section 4601.*

7 **SEC. 2606. CORRECTIONS TO AUTHORITY TO CARRY OUT**
8 **CERTAIN FISCAL YEAR 2022 PROJECTS.**

9 *The authorization table in section 2601 of the Military*
10 *Construction Authorization Act for Fiscal Year 2022 (divi-*
11 *sion B of Public Law 117–81; 135 Stat. 2178) is amend-*
12 *ed—*

13 *(1) in the item relating to Redstone Arsenal,*
14 *Alabama, by striking “Redstone Arsenal” and insert-*
15 *ing “Huntsville”;*

16 *(2) in the item relating to Jerome National*
17 *Guard Armory, Idaho, by striking “Jerome National*
18 *Guard Armory” and inserting “Jerome”;*

19 *(3) in the item relating to Nickell Memorial Ar-*
20 *mory Topeka, Kansas, by striking “Nickell Memorial*
21 *Armory Topeka” and inserting “Topeka”;*

22 *(4) in the item relating to Lake Charles National*
23 *Guard Readiness Center, Louisiana, by striking*
24 *“Lake Charles National Guard Readiness Center”*
25 *and inserting “Lake Charles”;*

1 (5) *in the item relating to Camp Grayling,*
2 *Michigan, by striking “Camp Grayling” and insert-*
3 *ing “Grayling”;*

4 (6) *in the item relating to Butte Military En-*
5 *trance Testing Site, Montana, by striking “Butte*
6 *Military Entrance Testing Site” and inserting*
7 *“Butte”;*

8 (7) *in the item relating to Mead Army National*
9 *Guard Readiness Center, Nebraska, by striking “Mead*
10 *Army National Guard Readiness Center” and insert-*
11 *ing “Mead Training Site”;*

12 (8) *in the item relating to Dickinson National*
13 *Guard Armory, North Dakota, by striking “Dickinson*
14 *National Guard Armory” and inserting “Dickinson”;*

15 (9) *in the item relating to Bennington National*
16 *Guard Armory, Vermont, by striking “Bennington*
17 *National Guard Armory” and inserting*
18 *“Bennington”;* and

19 (10) *in the item relating to Camp Ethan Allen*
20 *Training Site, Vermont, by striking “Camp Ethan*
21 *Allen Training Site” and inserting “Ethan Allen Air*
22 *Force Base TS”.*

1 **SEC. 2607. EXTENSION OF AUTHORITY TO CARRY OUT CER-**
 2 **TAIN FISCAL YEAR 2018 PROJECTS.**

3 (a) *EXTENSION.*—Notwithstanding section 2002 of the
 4 *Military Construction Authorization Act for Fiscal Year*
 5 *2018 (division B of Public Law 115–91; 131 Stat. 1817),*
 6 *the authorizations set forth in the table in subsection (b),*
 7 *as provided in section 2604 of that Act (131 Stat. 1836),*
 8 *shall remain in effect until October 1, 2023, or the date*
 9 *of the enactment of an Act authorizing funds for military*
 10 *construction for fiscal year 2024, whichever is later.*

11 (b) *TABLE.*—The table referred to in subsection (a) is
 12 *as follows:*

Air Force: Extension of 2018 Project Authorizations

<i>State</i>	<i>Installation or Location</i>	<i>Project</i>	<i>Original Authorized Amount</i>
<i>Indiana</i>	<i>Hulman Regional Air- port</i>	<i>Construct Small Arms Range</i>	<i>\$8,000,000</i>
<i>South Dakota ...</i>	<i>Joe Foss Field</i>	<i>Aircraft Maintenance Shops</i>	<i>\$12,000,000</i>
<i>Wisconsin</i>	<i>Dane County Regional/ Airport Truax Field ..</i>	<i>Construct Small Arms Range</i>	<i>\$8,000,000</i>

1 **TITLE XXVII—BASE REALIGN-**
2 **MENT AND CLOSURE ACTIVI-**
3 **TIES**

4 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR BASE**
5 **REALIGNMENT AND CLOSURE ACTIVITIES**
6 **FUNDED THROUGH DEPARTMENT OF DE-**
7 **FENSE BASE CLOSURE ACCOUNT.**

8 *Funds are hereby authorized to be appropriated for fis-*
9 *cal years beginning after September 30, 2022, for base re-*
10 *alignment and closure activities, including real property*
11 *acquisition and military construction projects, as author-*
12 *ized by the Defense Base Closure and Realignment Act of*
13 *1990 (part A of title XXIX of Public Law 101–510; 10*
14 *U.S.C. 2687 note) and funded through the Department of*
15 *Defense Base Closure Account established by section 2906*
16 *of such Act (as amended by section 2711 of the Military*
17 *Construction Authorization Act for Fiscal Year 2013 (divi-*
18 *sion B of Public Law 112–239; 126 Stat. 2140)), as speci-*
19 *fied in the funding table in section 4601.*

20 **SEC. 2702. AUTHORIZATION TO FUND CERTAIN DEMOLI-**
21 **TION AND REMOVAL ACTIVITIES THROUGH**
22 **DEPARTMENT OF DEFENSE BASE CLOSURE**
23 **ACCOUNT.**

24 *(a) IN GENERAL.—Section 2906(c)(1) of the Defense*
25 *Base Closure and Realignment Act of 1990 (10 U.S.C. 2687*

1 *note) is amended by adding at the end the following new*
2 *subparagraph:*

3 “(E) *To carry out the demolition or re-*
4 *moval of any building or structure under the*
5 *control of the Secretary of the Navy that is not*
6 *designated as historic under a Federal, State, or*
7 *local law and is located on a military installa-*
8 *tion closed or realigned under a base closure law*
9 *(as such term is defined in section 101 of title*
10 *10, United States Code) at which the sampling*
11 *or remediation of radiologically contaminated*
12 *materials has been the subject of substantiated*
13 *allegations of fraud, without regard to—*

14 “(i) *whether the building or structure*
15 *is radiologically impacted; or*

16 “(ii) *whether such demolition or re-*
17 *moval is carried out, as part of a response*
18 *action or otherwise, under the Defense Envi-*
19 *ronmental Restoration Program specified in*
20 *subparagraph (A) or CERCLA (as such*
21 *term is defined in section 2700 of title 10,*
22 *United States Code).”.*

23 (b) *FUNDING.—The amendment made by this section*
24 *may only be carried out using funds authorized to be appro-*
25 *priated in the table in section 4601.*

1 **TITLE XXVIII—MILITARY CON-**
2 **STRUCTION GENERAL PROVI-**
3 **SIONS**

4 ***Subtitle A—Military Construction***
5 ***Program Changes***

6 **SEC. 2801. MODIFICATION OF ANNUAL LOCALITY ADJUST-**
7 **MENT OF DOLLAR THRESHOLDS APPLICABLE**
8 **TO UNSPECIFIED MINOR MILITARY CON-**
9 **STRUCTION AUTHORITIES.**

10 *Section 2805(f)(2) of title 10, United States Code, is*
11 *amended—*

12 *(1) by striking “or the Commonwealth” and in-*
13 *serting “Wake Island, the Commonwealth”; and*

14 *(2) by inserting “, or a former United States*
15 *Trust Territory now in a Compact of Free Associa-*
16 *tion with the United States” after “Mariana Is-*
17 *lands”.*

18 **SEC. 2802. MILITARY CONSTRUCTION PROJECTS FOR INNO-**
19 **VATION, RESEARCH, DEVELOPMENT, TEST,**
20 **AND EVALUATION.**

21 *(a) IN GENERAL.—Subchapter I of chapter 169 of title*
22 *10, United States Code, is amended by inserting after sec-*
23 *tion 2809 the following new section:*

1 **“§2810. Military construction projects for innovation,**
2 **research, development, test, and evalua-**
3 **tion**

4 “(a) *PROJECT AUTHORIZATION REQUIRED.*—*The Sec-*
5 *retary of Defense may carry out such military construction*
6 *projects for innovation, research, development, test, and*
7 *evaluation as are authorized by law, using funds appro-*
8 *riated or otherwise made available for that purpose.*

9 “(b) *SUBMISSION OF PROJECT PROPOSALS.*—*As part*
10 *of the Department of Defense Form 1391 submitted to the*
11 *appropriate committees of Congress for a military construc-*
12 *tion project covered by subsection (a), the Secretary of De-*
13 *fense shall include the following information:*

14 “(1) *The project title.*

15 “(2) *The location of the project.*

16 “(3) *A brief description of the scope of work.*

17 “(4) *The original project cost estimate and the*
18 *current working cost estimate, if different.*

19 “(5) *Such other information as the Secretary*
20 *considers appropriate.*

21 “(c) *APPLICATION TO MILITARY CONSTRUCTION*
22 *PROJECTS.*—*This section shall apply to military construc-*
23 *tion projects covered by subsection (a) for which a Depart-*
24 *ment of Defense Form 1391 is submitted to the appropriate*
25 *committees of Congress in connection with the budget of the*
26 *Department of Defense for fiscal year 2023 and thereafter.”.*

1 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
 2 *the beginning of such subchapter is amended by inserting*
 3 *after the item relating to section 2809 the following new*
 4 *item:*

“2810. *Military construction projects for innovation, research, development, test, and evaluation.*”.

5 **SEC. 2803. FURTHER CLARIFICATION OF REQUIREMENTS**
 6 **RELATED TO AUTHORIZED COST AND SCOPE**
 7 **OF WORK VARIATIONS.**

8 (a) *CLARIFICATIONS AND TECHNICAL CORRECTIONS*
 9 *RELATING TO EXCEPTIONS TO COST VARIATION AND SCOPE*
 10 *OF WORK.*—*Subsection (c)(1) of section 2853 of title 10,*
 11 *United States Code, as amended by section 2802 of the Mili-*
 12 *tary Construction Authorization Act for Fiscal Year 2022*
 13 *(division B of Public Law 117–81), is further amended—*

14 (1) *by striking subparagraph (A) and inserting*
 15 *the following new subparagraph (A):*

16 “(A) *The Secretary concerned may waive the percent-*
 17 *age or dollar cost limitation applicable to a military con-*
 18 *struction project or a military family housing project under*
 19 *subsection (a) and approve an increase in the cost author-*
 20 *ized for the project in excess of that limitation only if—*

21 “(i) *the total cost of the project is less than*
 22 *\$500,000,000;*

1 “(ii) the cost increase is an amount equal to or
2 less than 50 percent of the original authorized
3 amount; and

4 “(iii) the Secretary notifies the appropriate com-
5 mittees of Congress of such waiver and approval in
6 the manner provided in this paragraph.”; and

7 (2) by striking subparagraph (D) and redesignig-
8 nating subparagraph (E) as subparagraph (D).

9 (b) *TECHNICAL CORRECTION RELATED TO EXCEP-*
10 *TIONS TO LIMITATION ON SCOPE OF WORK INCREASES.*—
11 *Subsection (d)(4) of such section, as so amended, is further*
12 *amended by striking “and approve an increase in the scope*
13 *of work for the project that would increase the scope of*
14 *work”.*

15 **SEC. 2804. USE OF OPERATION AND MAINTENANCE FUNDS**
16 **FOR CERTAIN CONSTRUCTION PROJECTS**
17 **OUTSIDE THE UNITED STATES.**

18 (a) *PERMANENT AUTHORITY.*—*Subsection (a) of sec-*
19 *tion 2808 of the Military Construction Authorization Act*
20 *for Fiscal Year 2004 (division B of Public Law 108–136;*
21 *117 Stat. 1723), as amended, including most recently by*
22 *section 2806 of the Military Construction Authorization Act*
23 *for Fiscal Year 2022 (division B of Public Law 117–81),*
24 *is amended—*

1 (1) *by striking “, inside the area of responsi-*
2 *bility of the United States Central Command or cer-*
3 *tain countries in the area of responsibility of the*
4 *United States Africa Command,”;*

5 (2) *by inserting “outside the United States”*
6 *after “construction project”; and*

7 (3) *in paragraph (2), by striking “, unless the*
8 *military installation is located in Afghanistan, for*
9 *which projects using this authority may be carried*
10 *out at installations deemed as supporting a long-term*
11 *presence”.*

12 (b) *CONFORMING AMENDMENTS.—Such section is fur-*
13 *ther amended—*

14 (1) *in subsection (b), by striking “subsection (f)”*
15 *and inserting “subsection (d)”;*

16 (2) *by striking subsection (e);*

17 (3) *by redesignating subsections (f) and (g) as*
18 *subsections (d) and (e), respectively;*

19 (4) *in subsection (e), as so redesignated, by strik-*
20 *ing “subsection (f)” and inserting “subsection (d)”;*
21 *and*

22 (5) *by striking subsections (h) and (i).*

23 (c) *CLERICAL AMENDMENTS.—Such section is further*
24 *amended as follows:*

1 (1) *The section heading for such section is*
2 *amended—*

3 (A) *by striking “TEMPORARY, LIMITED”;*
4 *and*
5 (B) *by inserting “CERTAIN” before “CON-*
6 *STRUCTION PROJECTS”.*

7 (2) *The subsection heading for subsection (a) of*
8 *such section is amended by striking “TEMPORARY AU-*
9 *THORITY” and inserting “IN GENERAL”.*

10 (d) *CLASSIFICATION.—The Law Revision Counsel is*
11 *directed to classify section 2808 of the Military Construc-*
12 *tion Authorization Act for Fiscal Year 2004 (division B*
13 *of Public Law 108–136; 117 Stat. 1723), as amended by*
14 *subsection (a), as a note following section 2804 of title 10,*
15 *United States Code.*

16 **SEC. 2805. INCREASE IN MAXIMUM APPROVED COST OF UN-**
17 **SPECIFIED MINOR MILITARY CONSTRUCTION**
18 **PROJECTS.**

19 *Section 2805(a)(2) of title 10, United States Code, is*
20 *amended by striking “\$6,000,000” and inserting*
21 *“\$12,000,000”.*

1 **SEC. 2806. INCREASE IN UNSPECIFIED MINOR MILITARY**
2 **CONSTRUCTION AUTHORITY FOR LABORA-**
3 **TORY REVITALIZATION PROJECTS.**

4 (a) *LABORATORY REVITALIZATION.*—Subsection (d) of
5 section 2805 of title 10, United States Code, is amended—

6 (1) in paragraph (1), by striking “\$6,000,000”
7 both places it appears and inserting “\$12,000,000”;

8 (2) in paragraph (2), by striking “\$6,000,000”
9 and inserting “\$12,000,000, incrementally across
10 multiple fiscal years”; and

11 (3) by striking paragraph (5).

12 (b) *ADJUSTMENT OF DOLLAR LIMITATIONS FOR LOCA-*
13 *TION.*—Subsection (f) of such section is amended—

14 (1) by striking “\$10,000,000” and inserting
15 “\$12,000,000”; and

16 (2) by striking subparagraph (3).

17 **SEC. 2807. PERMANENT APPLICATION OF DOLLAR LIMITS**
18 **FOR LOCATION AND APPLICATION TO**
19 **PROJECTS OUTSIDE THE UNITED STATES.**

20 Section 2805 of title 10, United States Code, is amend-
21 ed by striking subsection (f) and inserting the following new
22 subsection (f):

23 “(f) *ADJUSTMENT OF DOLLAR LIMITS FOR LOCA-*
24 *TION.*—Each fiscal year, the Secretary concerned shall ad-
25 just the dollar limitations specified in this section applica-
26 ble to an unspecified minor military construction project

1 *to reflect the area construction cost index for military con-*
2 *struction projects published by the Department of Defense*
3 *during the prior fiscal year for the location of the project,*
4 *except that no limitation specified in this section may ex-*
5 *ceed \$16,000,000 as the result of any adjustment made*
6 *under this paragraph.”.*

7 **SEC. 2808. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
8 **SPECIAL OPERATIONS FORCES MILITARY**
9 **CONSTRUCTION.**

10 (a) *PROHIBITION.*—None of the funds authorized to be
11 appropriated by this Act or otherwise made available for
12 fiscal year 2023 for the Department of Defense may be obli-
13 gated or expended for the Commander of Special Operations
14 Command for military construction in Baumholder, Ger-
15 many.

16 (b) *WAIVER.*—

17 (1) *IN GENERAL.*—The Secretary of Defense may
18 waive the prohibition under subsection (a) if the Sec-
19 retary—

20 (A) *determines that such a waiver is in the*
21 *national security interests of the United States;*
22 *and*

23 (B) *not later than 14 days after issuing the*
24 *waiver, submits to the congressional defense com-*

1 *mittees a detailed justification for the waiver in*
2 *accordance with paragraph (2).*

3 (2) *ELEMENTS.*—*A justification under para-*
4 *graph (1)(B) shall include each of the following:*

5 (A) *The determination of the Secretary that*
6 *none of the following countries would provide*
7 *preferable host nation funding for an equivalent*
8 *project in such country:*

9 (i) *Romania.*

10 (ii) *Poland.*

11 (iii) *Latvia.*

12 (iv) *Estonia.*

13 (v) *Lithuania.*

14 (B) *The determination of the Secretary that*
15 *hosting such forces in Germany would provide*
16 *greater deterrence or greater operational utility*
17 *than host nation support in Romania, Poland,*
18 *Latvia, Estonia or Lithuania.*

19 (C) *An explanation for how the waiver is in*
20 *the national security interests of the United*
21 *States.*

22 (D) *Any other information the Secretary*
23 *determines appropriate.*

1 **SEC. 2809. REQUIREMENTS RELATING TO CERTAIN MILI-**
2 **TARY CONSTRUCTION PROJECTS.**

3 (a) *SUPERVISION OF MILITARY CONSTRUCTION*
4 *PROJECTS.*—

5 (1) *IN GENERAL.*—Section 2851 of title 10,
6 *United States Code, is amended—*

7 (A) *in subsection (c)(1), by inserting “or*
8 *appropriated” after “funds authorized” each*
9 *place such term appears;*

10 (B) *in subsection (c)(2)—*

11 (i) *in subparagraph (A), by inserting*
12 *“, deadline for bid submissions,” after “so-*
13 *licitation date”;*

14 (ii) *in subparagraph (B), by inserting*
15 *“(including the address of such recipient)”*
16 *after “contract recipient”; and*

17 (iii) *by adding at the end the following*
18 *new subparagraphs:*

19 “(H) *Any subcontracting plan required under*
20 *paragraph (4) or (5) of section 8(d) of the Small*
21 *Business Act (15 U.S.C. 637(d)) for the project sub-*
22 *mitted by the contract recipient to the Secretary of*
23 *Defense.*

24 “(I) *A detailed written statement describing and*
25 *justifying any exception applied or waiver granted*
26 *under—*

1 “(i) chapter 83 of title 41;
2 “(ii) section 4862 of this title; or
3 “(iii) section 4863 of this title.”; and
4 (C) by adding at the end the following new
5 paragraph:

6 “(4) The information required to be published on the
7 Internet website under subsection (c) shall constitute a
8 record for the purposes of chapters 21, 29, 31, and 33 of
9 title 44.”.

10 (2) *FEDERAL PROCUREMENT DATA SYSTEM.*—

11 *The Secretary of Defense shall ensure that there is a*
12 *clear and unique indication of any covered contract*
13 *with subcontracting work of an estimated value of*
14 *\$250,000 or more in the Federal Procurement Data*
15 *System established pursuant to section 1122(a)(4) of*
16 *title 41, United States Code (or any successor sys-*
17 *tem).*

18 (b) *INCREASED TRANSPARENCY AND PUBLIC AVAIL-*
19 *ABILITY OF INFORMATION REGARDING SOLICITATION AND*
20 *AWARD OF SUBCONTRACTS UNDER MILITARY CONSTRUC-*
21 *TION CONTRACTS.*—

22 (1) *AVAILABILITY OF CERTAIN INFORMATION RE-*
23 *LATING TO MILITARY CONSTRUCTION SUB-*
24 *CONTRACTS.*—*Section 2851 of title 10, United States*
25 *Code, is amended—*

1 (A) by redesignating subsection (d) as sub-
2 section (g);

3 (B) by inserting after subsection (c) (as
4 amended by this section) the following new sub-
5 sections:

6 “(d) *INFORMATION AND NOTICE REQUIREMENTS RE-*
7 *GARDING SOLICITATION AND AWARD OF SUBCONTRACTS.—*

8 “(1) *The recipient of a contract for a construc-*
9 *tion project described in subsection (c)(1) to be car-*
10 *ried out in a State shall make publicly available on*
11 *a website of the General Services Administration or*
12 *the Small Business Administration, as applicable,*
13 *any solicitation made by the contract recipient under*
14 *the contract for a subcontract with an estimated value*
15 *of \$250,000 or more.*

16 “(2) *The Secretary of Defense shall—*

17 “(A) *maintain on the Internet site required*
18 *by subsection (c)(1) information regarding the*
19 *solicitation date and award date (or anticipated*
20 *date) for each subcontract described in para-*
21 *graph (1); and*

22 “(B) *submit written notice of the award of*
23 *the original contract for a project described in*
24 *subsection (c)(1) to be carried out in a State,*
25 *and each subcontract described in paragraph (1)*

1 *under the contract, to each State agency that en-*
2 *forces workers' compensation or minimum wage*
3 *laws in the State in which the contract or sub-*
4 *contract will be carried out.*

5 “(e) *CONGRESSIONAL NOTIFICATION.*—*In the case of*
6 *the award of a contract for a project described in subsection*
7 *(c)(1) to be carried out in a State, and any subcontract*
8 *described in subsection (d)(1) under the contract, where*
9 *such award has an estimated value of \$2,000,000 or more,*
10 *the Secretary of Defense shall submit written notice of such*
11 *award within 30 days after the award to each Senator of*
12 *the State in which the contract or subcontract will be car-*
13 *ried out and the Member of the House of Representatives*
14 *representing the congressional district in which the contract*
15 *or subcontract will be carried out.*

16 “(f) *EXCLUSION OF CLASSIFIED PROJECTS.*—*Sub-*
17 *sections (c), (d), and (e) do not apply to a classified con-*
18 *struction project otherwise described in subsection (c)(1).”;*
19 *and*

20 *(C) by adding at the end the following new*
21 *subsection:*

22 “(h) *DEFINITIONS.*—*In this section:*

23 “(1) *The term ‘Member of the House of Rep-*
24 *resentatives’ includes a Delegate to the House of Rep-*

1 *representatives and the Resident Commissioner from*
2 *Puerto Rico.*

3 “(2) *The term ‘State’ means any of the several*
4 *States, the District of Columbia, the Commonwealth*
5 *of Puerto Rico, Guam, American Samoa, the United*
6 *States Virgin Islands, and the Commonwealth of the*
7 *Northern Mariana Islands.”.*

8 (2) *APPLICABILITY.—Subsections (d) and (e) of*
9 *section 2851 of title 10, United States Code, as added*
10 *by subsection (ba)(2), shall apply with respect to a*
11 *contract for a construction project described in sub-*
12 *section (c)(1) of such section that—*

13 (A) *is entered into on or after the date of*
14 *the enactment of this Act; or*

15 (B) *was entered into before the date of the*
16 *enactment of this Act, if the first solicitation*
17 *made by the contract recipient under the con-*
18 *tract for a subcontract with an estimated value*
19 *of \$250,000 or more is made on or after the date*
20 *of the enactment of this Act.*

21 (c) *REQUIREMENTS RELATING TO THE AWARD OF*
22 *COVERED MILITARY CONSTRUCTION CONTRACTS.—Sub-*
23 *chapter III of chapter 169 of title 10, United States Code,*
24 *is amended by inserting after section 2851a the following*
25 *new section:*

1 **“§2851b. Requirements relating to the award of cov-**
2 **ered military construction contracts**

3 *“(a) PUBLICATION OF CERTAIN INFORMATION RELAT-*
4 *ING TO COVERED MILITARY CONSTRUCTION CONTRACTS.—*
5 *A contractor that has been awarded a covered military con-*
6 *struction contract shall—*

7 *“(1) make publicly available on a website of the*
8 *General Services Administration or the Small Busi-*
9 *ness Administration, as applicable, any solicitation*
10 *under that covered military construction contract for*
11 *a subcontract of an estimated value of \$250,000 or*
12 *more; and*

13 *“(2) submit written notification of the award of*
14 *the covered military construction contract, and of any*
15 *subcontract awarded under the covered military con-*
16 *struction contract, to the relevant agency of a covered*
17 *State that enforces workers’ compensation or min-*
18 *imum wage laws in such covered State.*

19 *“(b) NOTICE.—Upon award of a covered military con-*
20 *struction contract with an estimated value greater than or*
21 *equal to \$2,000,000, the Secretary concerned shall notify*
22 *any applicable Member of Congress representing the covered*
23 *State in which that covered military construction contract*
24 *is to be performed of such award in a timely manner.”.*

1 ***Subtitle B—Continuation of***
2 ***Military Housing Reforms***

3 **SEC. 2811. STANDARDIZATION OF MILITARY INSTALLATION**
4 **HOUSING REQUIREMENTS AND MARKET**
5 **ANALYSES.**

6 (a) *IN GENERAL.*—Subchapter II of chapter 169 of
7 title 10, United States Code, is amended by inserting after
8 section 2836 the following new section:

9 **“§2837. Housing Requirements and Market Analysis**

10 “(a) *IN GENERAL.*—Not less frequently than once every
11 five years, and in accordance with the requirements of this
12 section, the Secretary concerned shall conduct a Housing
13 Requirements and Market Analysis (in this section referred
14 to as an ‘HRMA’) for each military installation under the
15 jurisdiction of the Secretary that is located in the United
16 States.

17 “(b) *PRIORITIZATION OF INSTALLATIONS.*—

18 “(1) *IN GENERAL.*—Except as provided in para-
19 graph (2), the Secretary concerned shall prioritize the
20 conduct of HRMAs for installations—

21 “(A) for which an HRMA has not been con-
22 ducted for five years or longer; or

23 “(B) in locations with housing shortages.

24 “(2) *EXISTING 5-YEAR REQUIREMENT.*—Para-
25 graph (1) shall not apply to a military department

1 that required an HRMA to be conducted for each in-
2 stallation not less frequently than once every five
3 years before the date of the enactment of this section.

4 “(c) *SUBMITTAL TO CONGRESS.*—The Secretary of De-
5 fense shall include with the budget for the Department of
6 Defense for fiscal year 2024 and each subsequent fiscal year,
7 as submitted to Congress pursuant to section 1105 of title
8 31, United States Code, a list of the military installations
9 for which the Secretary concerned plans to conduct an
10 HRMA during such fiscal year.

11 “(d) *HOUSING REQUIREMENTS AND MARKET ANAL-*
12 *YSIS.*—The term ‘Housing Requirements and Market
13 Analysis’ or ‘HRMA’ means, with respect to a military in-
14 stallation, a structured analytical process under which an
15 assessment is made of both the suitability and availability
16 of the private sector rental housing market using assumed
17 specific standards related to affordability, location, features,
18 physical condition, and the housing requirements of the
19 total military population of the installation.”.

20 (b) *CLERICAL AMENDMENT.*—The table of sections at
21 the beginning of such chapter is amended by inserting after
22 the item relating to section 2836 the following new item:
23 “2837. *Housing Requirements and Market Analysis.*”.

23 (c) *TIME FRAME.*—

24 (1) *IN GENERAL.*—During each of fiscal years
25 2023 through 2027, the Secretary concerned shall con-

1 *duct an HRMA for 20 percent of the military instal-*
2 *lations under the jurisdiction of the Secretary located*
3 *in the United States.*

4 (2) *SUBMITTAL OF INFORMATION TO CON-*
5 *GRESS.—Not later than January 15, 2023, the Sec-*
6 *retary concerned shall submit to the congressional de-*
7 *fense committees a list of military installations for*
8 *which the Secretary plans to conduct an HRMA dur-*
9 *ing fiscal year 2023.*

10 (d) *DEFINITIONS.—In this section:*

11 (1) *The term “HRMA” means, with respect to a*
12 *military installation, a structured analytical process*
13 *under which an assessment is made of both the suit-*
14 *ability and availability of the private sector rental*
15 *housing market using assumed specific standards re-*
16 *lated to affordability, location, features, physical con-*
17 *dition, and the housing requirements of the total mili-*
18 *tary population of the installation.*

19 (2) *The term “Secretary concerned” has the*
20 *meaning given that term in section 101(a)(9) of title*
21 *10, United States Code.*

22 **SEC. 2812. NOTICE REQUIREMENT FOR MHPI GROUND**
23 **LEASE EXTENSIONS.**

24 *Section 2878 of title 10, United States Code, is amend-*
25 *ed by adding at the end the following new subsection:*

1 “(f) *NOTICE OF LEASE EXTENSIONS.*—Not later than
2 90 days before extending the term of any ground lease of
3 property or facilities under this section, the Secretary con-
4 cerned shall provide to the congressional defense committees
5 notice in writing of the extension and a briefing. Such no-
6 tice and briefing shall include each of the following:

7 “(1) A description of any material differences be-
8 tween the extended ground lease and the original
9 ground lease, including with respect to—

10 “(A) the length of the term of the lease, as
11 extended; and

12 “(B) any new provisions that materially af-
13 fect the rights and responsibilities of the ground
14 lessor or the ground lessee under the original
15 ground lease.

16 “(2) The number of housing units or facilities
17 subject to the ground lease that, during the lease ex-
18 tension, are to be—

19 “(A) constructed;

20 “(B) demolished; or

21 “(C) renovated.

22 “(3) The source of any additional financing the
23 lessor has obtained, or intends to obtain, during the
24 term of the ground lease extension that will be used

1 *for the development of the property or facilities sub-*
2 *ject to the ground lease.*

3 “(4) *The following information, displayed annu-*
4 *ally, for the five-year period preceding the date of the*
5 *notice and briefing:*

6 “(A) *The debt-to-net operating income ratio*
7 *for the property or facility subject to the ground*
8 *lease.*

9 “(B) *The occupancy rates for the housing*
10 *units subject to the ground lease.*

11 “(C) *An report on maintenance response*
12 *times and completion of maintenance requests*
13 *for the housing units subject to the ground lease.*

14 “(D) *The occupancy rates and debt-to-net*
15 *operating income ratios of any other military*
16 *privatized housing initiative projects managed*
17 *by a company that controls, or that is under*
18 *common control with, the ground lessee entering*
19 *into the lease extension.”.*

20 **SEC. 2813. ANNUAL BRIEFINGS ON MILITARY HOUSING PRI-**
21 **VATIZATION PROJECTS.**

22 *Section 2884 of title 10, United States Code, is amend-*
23 *ed by adding at the end the following new subsection:*

24 “(d) *ANNUAL BRIEFINGS.—Not later than February 1*
25 *of each year, the Secretary concerned shall provide to the*

1 *Committees on Armed Services of the Senate and House of*
2 *Representatives a briefing on military housing privatiza-*
3 *tion projects under the jurisdiction of the Secretary. Such*
4 *briefing shall include, for the 12-month period preceding*
5 *the date of the briefing, each of the following:*

6 “(1) *The information described in paragraphs*
7 *(1) through (14) of subsection (c) with respect to all*
8 *military housing privatization projects under the ju-*
9 *risdiction of the Secretary.*”

10 “(2) *A review of any such project that is ex-*
11 *pected to require the restructuring of a loan, includ-*
12 *ing any public or private loan.*”

13 “(3) *For any such project expected to require re-*
14 *structuring, a timeline for when such restructuring is*
15 *expected to occur.*”

16 “(4) *Such other information as the Secretary de-*
17 *termines appropriate.*”

18 **SEC. 2814. PRIVATIZATION OF NAVY AND AIR FORCE TRAN-**
19 **SIENT HOUSING.**

20 (a) *PRIVATIZATION REQUIRED.*—*Beginning on the*
21 *date that is 11 years after the date of the enactment of this*
22 *Act, the Secretary concerned shall begin the process of*
23 *privatizing all transient housing in the United States*
24 *under the jurisdiction of the Secretary concerned through*
25 *the conveyance of the transient housing to one or more eligi-*

1 ble entities. Such process shall be completed by not later
2 than the date that is 15 years after the date of the enactment
3 of this Act.

4 (b) *APPLICABLE PRIVATIZATION LAWS.*—The Sec-
5 retary concerned shall carry out this section using the au-
6 thority provided by section 2872 of title 10, United States
7 Code, consistent with subchapters IV and V of chapter 169
8 of such title.

9 (c) *LIMITATIONS.*—No Government direct loans, Gov-
10 ernment guarantees, or Government equity may be extended
11 in consideration of any privatization carried out pursuant
12 to subsection (a).

13 (d) *CONSULTATIONS.*—In establishing a plan to carry
14 out the privatization of transient housing pursuant to sub-
15 section (a), the Secretary concerned shall—

16 (1) consult with the Secretary of the Army; and

17 (2) to the greatest extent possible, incorporate
18 into such plan the best practices and efficiencies of the
19 Secretary of the Army in carrying out the privatiza-
20 tion of transient housing under the jurisdiction of the
21 Secretary of the Army.

22 (d) *REPORT REQUIRED.*—Not later than one year
23 after the date of the enactment of this Act, and annually
24 thereafter until the privatization required under subsection
25 (a) is complete, the Secretary concerned shall submit to the

1 *Committees on Armed Services of the Senate and House of*
2 *Representatives a report that includes—*

3 (1) *detailed plans for the privatization of all*
4 *transient housing under the jurisdiction of the Sec-*
5 *retary; and*

6 (2) *timelines for conveyances and other critical*
7 *milestones.*

8 (e) *RULE OF CONSTRUCTION.—Nothing in this section*
9 *shall be construed to affect any transient housing or lodging*
10 *program administered by the Coast Guard.*

11 (f) *DEFINITIONS.—In this section:*

12 (1) *The term “eligible entity” has the meaning*
13 *given that term in section 2871 of title 10, United*
14 *States Code.*

15 (2) *The term “transient housing” means lodging*
16 *intended to be occupied by members of the Armed*
17 *Forces on temporary duty.*

18 (3) *The term “Secretary concerned” means—*

19 (A) *the Secretary of the Navy, with respect*
20 *to transient housing under the jurisdiction of the*
21 *Secretary of the Navy; and*

22 (B) *the Secretary of the Air Force, with re-*
23 *spect to transient housing under the jurisdiction*
24 *of the Secretary of the Air Force.*

1 **SEC. 2815. MILITARY HOUSING FEEDBACK TOOL.**

2 (a) *IN GENERAL.*—*The Secretary of Defense shall pro-*
3 *vide for a feedback tool, such as a rating system or similar*
4 *mechanism, under which members of the Armed Forces and*
5 *their spouses may anonymously identify, rate, and compare*
6 *housing under the jurisdiction of the Department of Defense*
7 *(including privatized military housing).*

8 (b) *COMPONENTS.*—*The tool required under subsection*
9 *(a) shall include the following components:*

10 (1) *The capability for users to—*

11 (A) *rate housing using multiple quality*
12 *measures, including safety, the timeliness and*
13 *quality of maintenance services, and the respon-*
14 *siveness of management;*

15 (B) *upload visual media, including images;*
16 *and*

17 (C) *include written comments.*

18 (2) *A comparison feature that can be used to*
19 *compare ratings for different housing communities.*

20 (3) *Accessibility by members of the Armed*
21 *Forces, their family members, and members of Con-*
22 *gress.*

23 (c) *REPORTING REQUIREMENT.*—*The Secretary of De-*
24 *fense shall submit to the appropriate congressional commit-*
25 *tees, and make available to the Secretary concerned, an an-*
26 *nual report that includes a summary of the data collected*

1 *using the feedback tool required under this section during*
2 *the year covered by the report.*

3 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES.*—In
4 *this section, the term “appropriate congressional commit-*
5 *tees” means—*

6 (1) *the Committee on Armed Services and the*
7 *Committee on Transportation and Infrastructure of*
8 *the House of Representatives; and*

9 (2) *the Committee on Armed Services and the*
10 *Committee on Commerce, Science, and Transpor-*
11 *tation of the Senate.*

12 ***Subtitle C—Real Property and*** 13 ***Facilities Administration***

14 ***SEC. 2821. AUTHORIZED LAND AND FACILITIES TRANSFER*** 15 ***TO SUPPORT CONTRACTS WITH FEDERALLY*** 16 ***FUNDED RESEARCH AND DEVELOPMENT CEN-*** 17 ***TERS.***

18 (a) *IN GENERAL.*—Chapter 159 of title 10, United
19 States Code, is amended by inserting after section 2668a
20 the following new section:

21 ***“§ 2669. Transfer of land and facilities to support con-***
22 ***tracts with federally-funded research and***
23 ***development centers***

24 ***“(a) LEASE OF LAND, FACILITIES, AND IMPROVE-***
25 ***MENTS.***—(1) *The Secretary of a military department may*

1 lease, for no consideration, land, facilities, and improve-
2 ments to a covered FFRDC if the lease is to further the
3 purposes of a contract between the Department of Defense
4 and the covered FFRDC.

5 “(2) A lease entered into under paragraph (1) shall
6 terminate on the earlier of the following dates:

7 “(A) The date that is 50 years after the date on
8 which the Secretary enters into the lease.

9 “(B) The date of the termination or non-renewal
10 of the contract between the Department of Defense and
11 the covered FFRDC.

12 “(b) CONVEYANCE OF FACILITIES AND IMPROVE-
13 MENTS.—(1) The Secretary of a military department may
14 convey, for no consideration, ownership of facilities and im-
15 provements located on land leased to a covered FFRDC to
16 further the purposes of a contract between the Department
17 of Defense and the covered FFRDC.

18 “(2) The ownership of any facilities and improvements
19 conveyed under this subsection shall revert to the United
20 States upon the termination or non-renewal of the under-
21 lying land lease.

22 “(c) COVERED FFRDC.—In this section, the term ‘cov-
23 ered FFRDC’ means a federally-funded research and devel-
24 opment center that is sponsored by, and has entered into
25 a contract with, the Department of Defense.”.

1 (b) *CLERICAL AMENDMENT.*—*The table of sections at*
2 *the beginning of such chapter is amended by inserting after*
3 *the item relating to section 2668a the following new item:*

 “2669. *Transfer of land and facilities to support contracts with federally-funded research and development centers.*”.

4 **SEC. 2822. RESTORATION OR REPLACEMENT OF DAMAGED,**
5 **DESTROYED, OR ECONOMICALLY**
6 **UNREPAIRABLE FACILITIES.**

7 (a) *INCLUSION OF APPROPRIATIONS ACCOUNT IN CON-*
8 *GRESSIONAL NOTIFICATION REGARDING FUNDING.*—*Sub-*
9 *section (b) of section 2854 of title 10, United States Code,*
10 *is amended by inserting “military construction appropria-*
11 *tions account that is the” before “source of funds”.*

12 (b) *ECONOMICALLY UNREPAIRABLE FACILITIES.*—
13 *Subsection (c)(1) of such section is amended—*

14 (1) *in the matter preceding subparagraph (A),*
15 *by inserting “or is economically unrepairable” after*
16 *“damaged or destroyed”;*

17 (2) *in subparagraph (A), by inserting “, or the*
18 *situation that rendered the facility economically*
19 *unrepairable,” after “facility”; and*

20 (3) *in subparagraph (B)(iii), by striking “dam-*
21 *age to a facility rather than destruction” and insert-*
22 *ing “a facility that has been damaged or rendered*
23 *economically unrepairable rather than destroyed”.*

1 **SEC. 2823. DEFENSE ACCESS ROAD PROGRAM ENHANCE-**
2 **MENTS TO ADDRESS TRANSPORTATION IN-**
3 **FRASTRUCTURE IN VICINITY OF MILITARY IN-**
4 **STALLATIONS.**

5 (a) *IN GENERAL.*—Section 2816 of the National De-
6 fense Authorization Act for Fiscal Year 2012 (Public Law
7 112–81) is amended—

8 (1) *in subsection (b)*—

9 (A) *in paragraph (1), by striking “this Act”*
10 *and inserting “the National Defense Authoriza-*
11 *tion Act for Fiscal Year 2023”;* and

12 (B) *in paragraph (2), by striking “this*
13 *Act” and inserting “the National Defense Au-*
14 *thorization Act for Fiscal Year 2023”;* and

15 (2) *by adding at the end the following new sub-*
16 *sections:*

17 “(d) *PETITION FOR CERTIFICATION OF ROADS AS DE-*
18 *FENSE ACCESS ROADS.*—

19 “(1) *IN GENERAL.*—Not later than October 1,
20 2023, the Secretary of Defense shall establish a formal
21 mechanism under which—

22 “(A) *a State, county, or municipality may*
23 *petition the Secretary to certify roads as defense*
24 *access roads under section 210 of title 23, United*
25 *States Code; and*

1 “(B) *the Secretary shall respond, in writ-*
2 *ing, to any such petition by not later than 90*
3 *days after receiving the petition.*

4 “(2) *STATE DEFINED.—In this subsection, the*
5 *term ‘State’ means any of the several States, the Dis-*
6 *trict of Columbia, American Samoa, Guam, the Com-*
7 *monwealth of the Northern Mariana Islands, the*
8 *Commonwealth of Puerto Rico, and the United States*
9 *Virgin Islands.*

10 “(e) *PUBLIC AVAILABILITY OF INFORMATION.—The*
11 *Secretary of Defense shall maintain and update regularly*
12 *on an appropriate website of the Federal Government, a*
13 *list of all roads certified as important to the national de-*
14 *fense by the Secretary or by such other official as the Presi-*
15 *dent may designate. Such website shall include, for each*
16 *such road, each of the following:*

17 “(1) *The military installation (as such term is*
18 *defined in section 2687(g)(1) of title 10, United*
19 *States Code) that is in closest proximity to the road.*

20 “(2) *The date on which the road was so certified.*

21 “(3) *Any fiscal year for which the President*
22 *transmitted to Congress under section 1105 of title 31,*
23 *United States Code, a budget request that included an*
24 *amount for such road.*

1 “(4) *Any fiscal year for which Congress appro-*
2 *priated an amount for such road.*”

3 “(f) *TREATMENT OF CLASSIFIED INFORMATION.—*
4 *Nothing in subsection (d) or (e) shall be construed as a re-*
5 *quirement for the Secretary of Defense to make publicly*
6 *available any classified information.*”.

7 (b) *REPORT ON DEFENSE ACCESS ROADS.—Section*
8 *2814(b) of the Duncan Hunter National Defense Authoriza-*
9 *tion Act for Fiscal Year 2009 (Public Law 110–417) is*
10 *amended—*

11 (1) *by striking “April 1, 2009” and inserting*
12 *“one year after the date of the enactment of the Na-*
13 *tional Defense Authorization Act for Fiscal Year*
14 *2023”; and*

15 (2) *by inserting before the period at the end the*
16 *following: “and name any road that the commander*
17 *of a military installation (as such term is defined in*
18 *section 2687(g)(1) of title 10, United States Code) or*
19 *the Secretary of a military department has rec-*
20 *ommended that the Secretary of Defense certify as a*
21 *defense access road during the period beginning on*
22 *April 1, 2009, and ending on the date of the enact-*
23 *ment of the National Defense Authorization Act for*
24 *Fiscal Year 2023”.*

1 (c) *REPORT ON DESIGNATION OF CERTAIN HIGHWAYS*
2 *AS DEFENSE ACCESS ROADS.*—

3 (1) *REPORT.*—Not later than October 1, 2023,
4 the Secretary of the Air Force shall submit to the
5 Committees on Armed Services of the Senate and
6 House of Representatives a report containing the re-
7 sults of a study on the advisability of designating
8 each of the roads identified under paragraph (2) as
9 defense access roads for purposes of section 210 of title
10 23, United States Code.

11 (2) *ROADS IDENTIFIED.*—The roads identified
12 under this subsection are each of the following:

13 (A) *For Beale Air Force Base, California:*

14 (i) *Chuck Yeager Road.*

15 (ii) *North Beale Road.*

16 (iii) *Spenceville Road, also known as*
17 *Camp Beale Highway.*

18 (iv) *South Beale Road.*

19 (B) *For Travis Air Force Base, California:*

20 (i) *Air Base Parkway.*

21 (ii) *Canon Road.*

22 (iii) *Gate Road, including North Gate*
23 *Road.*

24 (iv) *Petersen Road.*

25 (v) *Vanden Road.*

1 ***Subtitle D—Military Facilities***
2 ***Master Plan Requirements***

3 ***SEC. 2831. LIMITATION ON USE OF FUNDS PENDING COM-***
4 ***PLETION OF MILITARY INSTALLATION RESIL-***
5 ***IENCE COMPONENT OF MASTER PLANS FOR***
6 ***AT-RISK MAJOR MILITARY INSTALLATIONS.***

7 *Of the funds authorized to be appropriated by this Act*
8 *or otherwise made available for fiscal year 2023 for the Of-*
9 *fice of the Secretary of Defense for administration and serv-*
10 *ice-wide activities, not more than 50 percent may be obli-*
11 *gated or expended until the date on which the each Sec-*
12 *retary of a military department has satisfied the require-*
13 *ments of section 2833 of the National Defense Authorization*
14 *Act for Fiscal Year 2022 (Public Law 117–81; 10 U.S.C.*
15 *2864 note).*

16 ***Subtitle E—Matters Related to Uni-***
17 ***fied Facilities Criteria and Mili-***
18 ***tary Construction Planning and***
19 ***Design***

20 ***SEC. 2841. CONSIDERATION OF INSTALLATION OF INTE-***
21 ***GRATED SOLAR ROOFING TO IMPROVE EN-***
22 ***ERGY RESILIENCY OF MILITARY INSTALLA-***
23 ***TIONS.***

24 *The Secretary of Defense shall amend the Unified Fa-*
25 *cilities Criteria/DoD Building Code (UFC 1– 200–01) to*

1 *require that planning and design for military construction*
2 *projects inside the United States include consideration of*
3 *the feasibility and cost-effectiveness of installing integrated*
4 *solar roofing as part of the project, for the purpose of—*

5 *(1) promoting on-installation energy security*
6 *and energy resilience;*

7 *(2) providing grid support to avoid energy dis-*
8 *ruptions; and*

9 *(3) facilitating implementation and greater use*
10 *of the authority provided by subsection (h) of section*
11 *2911 of title 10, United States Code, as added and*
12 *amended by section 2825 of the Military Construction*
13 *Authorization Act for Fiscal Year 2021 (division B of*
14 *Public Law 116–283).*

15 ***Subtitle F—Land Conveyances***

16 ***SEC. 2851. EXTENSION OF TIME FRAME FOR LAND CONVEY-*** 17 ***ANCE, SHARPE ARMY DEPOT, LATHROP, CALI-*** 18 ***FORNIA.***

19 *Section 2833(g) of the William M. (Mac) Thornberry*
20 *National Defense Authorization Act for Fiscal Year 2021*
21 *(Public Law 116–283) is amended by striking “one year”*
22 *and inserting “three years”.*

1 **SEC. 2852. AUTHORITY FOR TRANSFER OF ADMINISTRATIVE**
2 **JURISDICTION, CASTNER RANGE, FORT**
3 **BLISS, TEXAS.**

4 *Section 2844 of the National Defense Authorization*
5 *Act for Fiscal Year 2013 (Public Law 112–239) is amend-*
6 *ed—*

7 *(1) in subsection (a)—*

8 *(A) in paragraph (1)—*

9 *(i) by redesignating the text beginning*
10 *with “convey” and ending with “Franklin*
11 *Mountains State Park.” as subparagraph*
12 *(B);*

13 *(ii) by striking “may” and inserting*
14 *“may—”; and*

15 *(iii) by inserting after subparagraph*
16 *(B), as redesignated by subparagraph (A) of*
17 *this paragraph, the following new subpara-*
18 *graph (A):*

19 *“(A) transfer administrative jurisdiction of*
20 *approximately 7,081 acres at Fort Bliss, Texas,*
21 *to the Secretary of the Interior (acting through*
22 *the Director of the Bureau of Land Management)*
23 *which shall be managed in accordance with the*
24 *Federal Land Policy and Management Act of*
25 *1976 (43 U.S.C. 1701 et seq.) and any other ap-*
26 *plicable laws; or”;* and

1 (B) in paragraph (2)—

2 (i) by inserting “transfer of adminis-
3 trative jurisdiction or” before “conveyance”;

4 (ii) by inserting “transfer to the Sec-
5 retary of the Interior or” before “convey to
6 the Department”; and

7 (iii) by striking “Department’s”;

8 (2) in subsection (b)—

9 (A) by inserting “conveys the real property
10 under subsection (a)(1)(B) and” after “If the
11 Secretary”; and

12 (B) by striking “conveyed under subsection
13 (a)”;

14 (3) in the first subsection (c), by striking “the
15 land conveyance under this section” and inserting “a
16 land conveyance under subsection (a)(1)(B)”;

17 (4) by redesignating the second subsection (c)
18 and subsections (d) and (e) as subsections (d), (e),
19 and (f), respectively;

20 (5) in subsection (d), as so redesignated, by in-
21 serting “transferred or” before “conveyed”;

22 (6) in subsection (e), as so redesignated, by strik-
23 ing “the conveyances under subsection (a)” and in-
24 serting “a conveyance under subsection (a)(1)(B)”;

25 (7) in subsection (f), as so redesignated—

1 (A) by striking “federal” each place it ap-
2 pears and inserting “Federal”;

3 (B) by striking “non-federal” each place it
4 appears and inserting “non-Federal”; and

5 (C) in paragraph (3), by inserting “trans-
6 ferred or” before “conveyed”; and

7 (8) by adding at the end the following new sub-
8 section:

9 “(g) *MEMORANDUM OF UNDERSTANDING.—The Sec-
10 retary may enter into a memorandum of understanding
11 with the Secretary of the Interior (acting through the Direc-
12 tor of the Bureau of Land Management) regarding any
13 transfer of administrative jurisdiction under subsection
14 (a)(1)(A).*”.

15 **SEC. 2853. CONVEYANCE, JOINT BASE CHARLESTON, SOUTH**

16 **CAROLINA.**

17 (a) *CONVEYANCE AUTHORIZED.—The Secretary of the
18 Air Force (in this section referred to as the “Secretary”)
19 may convey to the City of North Charleston, South Carolina
20 (in this section referred to as the “City”) all right, title,
21 and interest of the United States in and to a parcel of real
22 property, including any improvements thereon, consisting
23 of approximately 26 acres known as the Old Navy Yard
24 at Joint Base Charleston, South Carolina, for the purpose*

1 *of permitting the City to use the property for economic de-*
2 *velopment.*

3 *(b) CONSIDERATION.—*

4 *(1) IN GENERAL.—As consideration for the con-*
5 *veyance under subsection (a), the City shall pay to*
6 *the United States an amount at least equal to the fair*
7 *market value, as determined by the Secretary, based*
8 *on an appraisal of the property to be conveyed under*
9 *such subsection. Consideration may be cash payment,*
10 *in-kind consideration as described under paragraph*
11 *(2), or a combination thereof. The consideration paid*
12 *to the Secretary must be sufficient, as determined by*
13 *the Secretary, to provide replacement space for, and*
14 *for the relocation of, any personnel, furniture, fix-*
15 *tures, equipment, and personal property of any kind*
16 *and belonging to any military department, located*
17 *upon the property to be conveyed under subsection*
18 *(a). All cash consideration must be paid in full, and*
19 *any in-kind consideration must be complete and use-*
20 *able, and delivered to the satisfaction of the Secretary*
21 *at or prior to date of the conveyance under subsection*
22 *(a).*

23 *(2) IN-KIND CONSIDERATION.—In-kind consider-*
24 *ation described in this paragraph may include the ac-*
25 *quisition, construction, provision, improvement,*

1 maintenance, repair, or restoration (including envi-
2 ronmental restoration), or combination thereof, of any
3 facilities or infrastructure within proximity to the
4 Joint Base Charleston Weapons Station (South
5 Annex) and located on Joint Base Charleston, that
6 the Secretary considers acceptable.

7 (3) *TREATMENT OF CASH CONSIDERATION RE-*
8 *CEIVED.*—Any cash payment received by the United
9 States under paragraph (1) shall be deposited in the
10 special account in the Treasury referred to in sub-
11 paragraph (A) of paragraph (5) of subsection (b) of
12 section 572 of title 40, United States Code, and shall
13 be available in accordance with subparagraph (B) of
14 such paragraph.

15 (c) *PAYMENT OF COSTS OF CONVEYANCE.*—

16 (1) *PAYMENT REQUIRED.*—The Secretary may
17 require the City to cover all costs to be incurred by
18 the Secretary, or to reimburse the Secretary for costs
19 incurred by the Secretary, to carry out the convey-
20 ance under subsection (a), including survey costs, ap-
21 praisal costs, costs related to environmental docu-
22 mentation, and any other administrative costs related
23 to the conveyance. If amounts paid by the City to the
24 Secretary in advance exceed the costs actually in-
25 curred by the Secretary to carry out the conveyance,

1 *the Secretary shall refund the excess amount to the*
2 *City.*

3 (2) *TREATMENT OF AMOUNTS RECEIVED.—*
4 *Amounts received under paragraph (1) as reimburse-*
5 *ment for costs incurred by the Secretary to carry out*
6 *the conveyance under subsection (a) shall be credited*
7 *to the fund or account that was used to cover the costs*
8 *incurred by the Secretary in carrying out the convey-*
9 *ance, or to an appropriate fund or account that is*
10 *available to the Secretary for the purposes for which*
11 *the costs were paid. Amounts so credited shall be*
12 *merged with amounts in such fund or account and*
13 *shall be available for the same purposes, and subject*
14 *to the same conditions and limitations, as amounts in*
15 *such fund or account.*

16 (d) *DESCRIPTION OF PROPERTY.—The exact acreage*
17 *and legal description of the property to be conveyed under*
18 *subsection (a) shall be determined by a survey satisfactory*
19 *to the Secretary.*

20 (e) *CONDITION OF CONVEYANCE.—The conveyance*
21 *under subsection (a) shall be subject to all valid existing*
22 *rights and the condition that the City accept the property*
23 *(and any improvements thereon) in its condition at the*
24 *time of the conveyance (commonly known as a conveyance*
25 *“as is”).*

1 (f) *ADDITIONAL TERMS AND CONDITIONS.*—*The Sec-*
2 *retary may require such additional terms and conditions*
3 *in connection with the conveyance under subsection (a) as*
4 *the Secretary considers appropriate to protect the interests*
5 *of the United States.*

6 (g) *OLD NAVY YARD.*—*In this section, the term “Old*
7 *Navy Yard” includes the facilities used by the Naval Infor-*
8 *mation Warfare Center Atlantic including, buildings 1602,*
9 *1603, 1639, 1648, and such other facilities, infrastructure,*
10 *and land along or near the Cooper River waterfront at*
11 *Joint Base Charleston as the Secretary considers to be ap-*
12 *propriate.*

13 **SEC. 2854. LAND CONVEYANCE, NAVAL AIR STATION**
14 **OCEANA, DAM NECK ANNEX, VIRGINIA BEACH,**
15 **VIRGINIA.**

16 (a) *CONVEYANCE AUTHORIZED.*—*The Secretary of the*
17 *Navy may convey to the Hampton Roads Sanitation Dis-*
18 *trict (in this section referred to as the “HRSD”) all right,*
19 *title, and interest of the United States in and to a parcel*
20 *of installation real property, including any improvements*
21 *thereon, consisting of approximately 7.9 acres located at*
22 *Naval Air Station Oceana in Dam Neck Annex, Virginia*
23 *Beach, Virginia. The Secretary may void any land use re-*
24 *strictions associated with the property to be conveyed under*
25 *this subsection.*

1 **(b) CONSIDERATION.—**

2 **(1) AMOUNT AND DETERMINATION.—***As consider-*
3 *ation for the conveyance under subsection (a), the*
4 *HRSD shall pay to the Secretary of the Navy an*
5 *amount that is not less than the fair market value of*
6 *the property conveyed, as determined by the Sec-*
7 *retary. The Secretary's determination of fair market*
8 *value shall be final. In lieu of all or a portion of cash*
9 *payment of consideration, the Secretary may accept*
10 *in-kind consideration.*

11 **(2) TREATMENT OF CASH CONSIDERATION.—***The*
12 *Secretary of the Navy shall deposit any cash payment*
13 *received under paragraph (1) in the special account*
14 *in the Treasury established for the Secretary of the*
15 *Navy under subsection (a) of paragraph (1) of sub-*
16 *section (e) of section 2667 of title 10, United States*
17 *Code. The entire amount deposited shall be available*
18 *for use in accordance with subparagraph (D) of such*
19 *paragraph.*

20 **(c) PAYMENT OF COSTS OF CONVEYANCE.—**

21 **(1) PAYMENT REQUIRED.—***The Secretary of the*
22 *Navy shall require the HRSD to cover costs to be in-*
23 *curring by the Secretary, or to reimburse the Secretary*
24 *for costs incurred by the Secretary, to carry out the*
25 *conveyance under subsection (a), including survey*

1 *costs, costs related to environmental documentation,*
2 *and any other administrative costs related to the con-*
3 *veyance. If amounts are collected in advance of the*
4 *Secretary incurring the actual costs, and the amount*
5 *collected exceeds the costs actually incurred by the*
6 *Secretary to carry out the conveyance, the Secretary*
7 *shall refund the excess amount to the HRSD.*

8 (2) *TREATMENT OF AMOUNTS RECEIVED.—*
9 *Amounts received as reimbursement under paragraph*
10 *(1) shall be credited to the fund or account that was*
11 *used to cover those costs incurred by the Secretary in*
12 *carrying out the conveyance. Amounts so credited*
13 *shall be merged with amounts in such fund or account*
14 *and shall be available for the same purposes, and sub-*
15 *ject to the same conditions and limitations, as*
16 *amounts in such fund or account.*

17 (d) *DESCRIPTION OF PROPERTY.—The exact acreage*
18 *and legal description of the parcel of real property to be*
19 *conveyed under subsection (a) shall be determined by a sur-*
20 *vey satisfactory to the Secretary of the Navy.*

21 (e) *ADDITIONAL TERMS AND CONDITIONS.—The Sec-*
22 *retary of the Navy may require such additional terms and*
23 *conditions in connection with the conveyance under sub-*
24 *section (a) as the Secretary considers appropriate to protect*
25 *the interests of the United States.*

1 **SEC. 2855. LAND EXCHANGE, MARINE RESERVE TRAINING**
2 **CENTER, OMAHA, NEBRASKA.**

3 (a) *LAND EXCHANGE AUTHORIZED.*—*The Secretary of*
4 *the Navy may convey to the Metropolitan Community Col-*
5 *lege Area, a political subdivision of the State of Nebraska,*
6 *(in this section referred to as the “College”), all right, title,*
7 *and interest of the United States in and to a parcel of real*
8 *property, including improvements thereon, known as the*
9 *Marine Reserve Training Center in Omaha, Nebraska.*

10 (b) *CONSIDERATION.*—*As consideration for the convey-*
11 *ance under subsection (a), the College shall convey to the*
12 *Secretary of the Navy real property interests either adjacent*
13 *or proximate, to Offutt Air Force Base, Nebraska.*

14 (c) *LAND EXCHANGE AGREEMENT.*—*The Secretary of*
15 *the Navy and the College may enter into a land exchange*
16 *agreement to implement this section.*

17 (d) *VALUATION.*—*The value of each property interest*
18 *to be exchanged by the Secretary of the Navy and the College*
19 *described in subsections (a) and (b) shall be determined—*

20 (1) *by an independent appraiser selected by the*
21 *Secretary; and*

22 (2) *in accordance with the Uniform Appraisal*
23 *Standards for Federal Land Acquisitions and the*
24 *Uniform Standards of Professional Appraisal Prac-*
25 *tice.*

26 (e) *CASH EQUALIZATION PAYMENTS.*—

1 (1) *TO THE SECRETARY.*—*If the value of the*
2 *property interests described in subsection (a) is great-*
3 *er than the value of the property interests described*
4 *in subsection (b), the values shall be equalized through*
5 *either of the following or a combination thereof:*

6 (A) *A cash equalization payment from the*
7 *College to the Department of the Navy.*

8 (B) *In-kind consideration provided by the*
9 *College, which may include the acquisition, con-*
10 *struction, provision, improvement, maintenance,*
11 *repair, or restoration (including environmental*
12 *restoration), or combination thereof, of any fa-*
13 *cilities or infrastructure, or delivery of services*
14 *relating to the needs of Marine Corps Reserve*
15 *Training Center Omaha.*

16 (2) *NO EQUALIZATION.*—*If the value of the prop-*
17 *erty interests described in subsection (b) is greater*
18 *than the value of the property interests described in*
19 *subsection (a), the Secretary may not make a cash*
20 *equalization payment to equalize the values.*

21 (f) *PAYMENT OF COSTS OF CONVEYANCE.*—

22 (1) *PAYMENT REQUIRED.*—*The Secretary of the*
23 *Navy shall require the College to pay all costs to be*
24 *incurred by the Secretary to carry out the exchange*
25 *of property interests under this section, including*

1 *such costs related to land survey, environmental docu-*
2 *mentation, real estate due diligence such as apprais-*
3 *als, and any other administrative costs related to the*
4 *exchange of property interests, including costs in-*
5 *curring preparing and executing a land exchange*
6 *agreement authorized under subsection (c). If amounts*
7 *are collected from the College in advance of the Sec-*
8 *retary incurring the actual costs and the amount col-*
9 *lected exceeds the costs actually incurred by the Sec-*
10 *retary to carry out the exchange of property interests,*
11 *the Secretary shall refund the excess amount to the*
12 *College.*

13 (2) *TREATMENT OF AMOUNTS RECEIVED.—*
14 *Amounts received by the Secretary of the Navy under*
15 *paragraph (1) shall be used in accordance with sec-*
16 *tion 2695(c) of title 10, United States Code.*

17 (g) *DESCRIPTION OF PROPERTY.—The exact acreage*
18 *and legal description of the property interests to be ex-*
19 *changed under this section shall be determined by surveys*
20 *that are satisfactory to the Secretary of the Navy.*

21 (h) *CONVEYANCE AGREEMENT.—The exchange of real*
22 *property interests under this section shall be accomplished*
23 *using an appropriate legal instrument and upon terms and*
24 *conditions mutually satisfactory to the Secretary of the*
25 *Navy and the College, including such additional terms and*

1 *conditions as the Secretary considers appropriate to protect*
2 *the interests of the United States.*

3 (i) *EXEMPTION FROM SCREENING REQUIREMENTS*
4 *FOR ADDITIONAL FEDERAL USE.—The authority under*
5 *this section is exempt from the screening process required*
6 *under section 2696(b) of title 10, United States Code.*

7 ***Subtitle G—Miscellaneous Studies***
8 ***and Reports***

9 ***SEC. 2861. FFRDC STUDY ON PRACTICES WITH RESPECT TO***
10 ***DEVELOPMENT OF MILITARY CONSTRUCTION***
11 ***PROJECTS.***

12 (a) *STUDY REQUIRED.—Not later than 90 days after*
13 *the date of the enactment of this Act, the Secretary of De-*
14 *fense shall seek to enter into an agreement with a federally*
15 *funded research and development center for the conduct of*
16 *a study on the practices of the Department of Defense with*
17 *respect to the development of military construction projects.*

18 (b) *ELEMENTS.—An agreement under subsection (a)*
19 *shall specify that the study conducted pursuant to the agree-*
20 *ment shall address each of the following:*

21 (1) *Practices with respect to adoption of United*
22 *Facilities Criteria changes and their inclusion into*
23 *advanced planning, DD form 1391 budget justifica-*
24 *tions, and planning and design.*

1 (2) *Practices with respect to how sustainable ma-*
2 *terials, such as mass timber and low carbon concrete,*
3 *are assessed and included in advanced planning, DD*
4 *form 1391 budget justifications, and planning and*
5 *design.*

6 (3) *Barriers to incorporating innovative tech-*
7 *niques, including 3D printed building techniques.*

8 (4) *Whether the Strategic Environmental Re-*
9 *search and Development Program or the Environ-*
10 *mental Security Technology Certification Program*
11 *could be used to validate such materials and tech-*
12 *niques to provide the Army Corps of Engineers and*
13 *the Naval Facilities Engineering Systems Command*
14 *with confidence in the use of such materials and tech-*
15 *niques.*

16 (c) *REPORT TO CONGRESS.—Not later than 60 days*
17 *after the completion of a study pursuant to an agreement*
18 *under subsection (a), the Secretary of Defense shall submit*
19 *to the congressional defense committees a report on the re-*
20 *sults of the study.*

21 ***Subtitle H—Other Matters***

22 ***SEC. 2871. DEFENSE COMMUNITY INFRASTRUCTURE PRO-*** 23 ***GRAM.***

24 Section 2391(e)(4)(A)(i) of title 10, United States
25 Code, is amended by inserting “or on property subject to

1 *a real estate agreement with a military installation, includ-*
2 *ing a lease or easement” after “installation”.*

3 **SEC. 2872. INCLUSION IN DEFENSE COMMUNITY INFRA-**
4 **STRUCTURE PILOT PROGRAM OF CERTAIN**
5 **PROJECTS FOR ROTC TRAINING.**

6 *Section 2391 of title 10, United States Code, is further*
7 *amended—*

8 *(1) in subsection (d)(1)(B)—*

9 *(A) by redesignating clauses (ii) and (iii)*
10 *as clauses (iii) and (iv), respectively; and*

11 *(B) by inserting after clause (i) the fol-*
12 *lowing new clause (ii):*

13 *“(ii) Projects that will contribute to the training*
14 *of cadets enrolled in an independent Reserve Officer*
15 *Training Corps program at a covered educational in-*
16 *stitution.”; and*

17 *(2) in subsection (e), by adding at the end the*
18 *following new paragraph:*

19 *“(6) The term ‘covered educational institution’*
20 *means a college or university that is—*

21 *“(A) a part B institution, as defined in sec-*
22 *tion 322 of the Higher Education Act of 1965*
23 *(20 U.S.C. 1061);*

24 *“(B) an 1890 Institution, as defined in sec-*
25 *tion 2 of the Agricultural Research, Extension,*

1 *and Education Reform Act of 1998 (7 U.S.C.*
2 *7601);*

3 *“(C) not affiliated with a consortium; and*

4 *“(D) located at least 40 miles from a major*
5 *military installation.”.*

6 **SEC. 2873. BASING DECISION SCORECARD CONSISTENCY**
7 **AND TRANSPARENCY.**

8 *Section 2883(h) of the Military Construction Author-*
9 *ization Act for Fiscal Year 2021 (Public Law 116–283; 10*
10 *U.S.C. 1781b note) is amended by adding at the end the*
11 *following new paragraphs:*

12 *“(4) COORDINATION WITH SECRETARY OF DE-*
13 *FENSE.—In establishing a scorecard under this sub-*
14 *section, the Secretary of the military department con-*
15 *cerned shall coordinate with the Secretary of Defense*
16 *to ensure consistency among the military depart-*
17 *ments.*

18 *“(5) PUBLICATION IN FEDERAL REGISTER.—The*
19 *methodology and criteria for establishing each score-*
20 *card under this subsection shall be published in the*
21 *Federal Register for public comment.”.*

1 **SEC. 2874. LEASE OR USE AGREEMENT FOR CATEGORY 3**
2 **SUBTERRANEAN TRAINING FACILITY.**

3 (a) *IN GENERAL.*—*The Secretary of Defense shall seek*
4 *to enter into a lease or use agreement with a category 3*
5 *subterranean training facility that—*

6 (1) *is located in close proximity to air assault*
7 *and special forces units; and*

8 (2) *has the capacity to—*

9 (A) *provide brigade or large full-mission*
10 *profile training;*

11 (B) *rapidly replicate full-scale underground*
12 *venues;*

13 (C) *support helicopter landing zones; and*

14 (D) *support underground live fire.*

15 (b) *USE OF FACILITY.*—*A lease or use agreement en-*
16 *tered into pursuant to subsection (a) shall provide that the*
17 *category 3 subterranean training facility shall be available*
18 *for—*

19 (1) *the hosting of training and testing exercises*
20 *for—*

21 (A) *for members of the Armed Forces, in-*
22 *cluding special operations forces;*

23 (B) *personnel of combat support agencies,*
24 *including the Defense Threat Reduction Agency;*

25 *and*

1 (C) such other personnel as the Secretary of
2 Defense determines appropriate; and

3 (2) for such other purposes as the Secretary of
4 Defense determines appropriate.

5 (c) *DURATION.*—The duration of any lease or use
6 agreement entered into pursuant to subsection (a) shall be
7 for a period of not less than 5 years.

8 (d) *CATEGORY 3 SUBTERRANEAN TRAINING FACILITY*
9 *DEFINED.*—In this section, the term “category 3 subterra-
10 nean training facility” means an underground structure
11 designed and built—

12 (1) to be unobserved and to provide maximum
13 protection; and

14 (2) to serve as a command and control, oper-
15 ations, storage, production, and protection facility.

16 **SEC. 2875. REQUIRED CONSULTATION WITH STATE AND**
17 **LOCAL ENTITIES ON ISSUES RELATED TO IN-**
18 **CREASE IN NUMBER OF MILITARY PER-**
19 **SONNEL AT MILITARY INSTALLATIONS.**

20 If any decision of the Secretary of Defense or the Sec-
21 retary of a military department would result in a signifi-
22 cant increase in the number of members of the Armed Forces
23 assigned to a military installation, the Secretary of Defense
24 or the Secretary of the military department concerned, dur-
25 ing the development of the plans to implement the decision

1 *with respect to that installation, shall consult with appro-*
2 *priate State and local entities to ensure that matters affect-*
3 *ing the local community, including requirements for trans-*
4 *portation, utility infrastructure, housing, education, and*
5 *family support activities, are considered.*

6 **SEC. 2876. REQUIRED INVESTMENTS IN IMPROVING CHILD**
7 **DEVELOPMENT CENTERS.**

8 (a) *INVESTMENTS IN CHILD DEVELOPMENT CEN-*
9 *TERS.—Of the total amount authorized to be appropriated*
10 *for the Department of Defense for Facilities Sustainment,*
11 *Restoration, and Modernization activities of a military de-*
12 *partment, the Secretary of that military department shall*
13 *reserve the following amounts of the estimated replacement*
14 *cost of the total inventory of child development centers*
15 *under the jurisdiction of that Secretary for the purpose of*
16 *carrying out projects for the improvement of child develop-*
17 *ment centers:*

18 (1) *An amount equal to one percent of such cost*
19 *for fiscal year 2023.*

20 (2) *An amount equal to two percent of such cost*
21 *for fiscal year 2024.*

22 (3) *An amount equal to three percent of such cost*
23 *for fiscal year 2025.*

24 (4) *An amount equal to five percent or such cost*
25 *for fiscal year 2026.*

1 (b) *CHILD DEVELOPMENT CENTER DEFINED.*—The
2 term “child development center” has meaning given the
3 term “military child development center” in section
4 1800(1) of title 10, United States Code.

5 **SEC. 2877. LIMITATION ON USE OF FUNDS FOR CLOSURE OF**
6 **COMBAT READINESS TRAINING CENTERS.**

7 (a) *IN GENERAL.*—None of the funds authorized to be
8 appropriated by this Act or otherwise made available for
9 fiscal year 2023 for the Air Force may be obligated or ex-
10 pended to close, or prepare to close, any combat readiness
11 training center.

12 (b) *WAIVER.*—The Secretary of the Air Force may
13 waive the limitation under subsection (a) with respect to
14 a combat readiness training center, if the Secretary submits
15 to the congressional defense committees each of the fol-
16 lowing:

17 (1) A certification that—

18 (A) the closure of the center would not be in
19 violation of section 2687 of title 10, United
20 States Code; and

21 (B) the support capabilities provided by the
22 center will not be diminished as a result of the
23 closure of the center.

24 (2) A report that includes—

1 (A) a detailed business case analysis for the
2 closure of the center; and

3 (B) an assessment of the effects the closure
4 of the center would have on unit training, in-
5 cluding active duty units that may use the cen-
6 ter.

7 **SEC. 2878. PILOT PROGRAM ON USE OF MASS TIMBER IN**
8 **MILITARY CONSTRUCTION PROJECTS.**

9 (a) *IN GENERAL.*—The Secretary of each of the mili-
10 tary departments shall carry out a pilot program to evalu-
11 ate how the use of mass timber as the primary construction
12 material in military construction projects affects the envi-
13 ronmental sustainability, infrastructure resilience, cost ef-
14 fectiveness, and construction timeliness of such projects. The
15 Secretary of a military department may carry out a mili-
16 tary construction project under the pilot program using the
17 authorities available to the Secretary of Defense under sec-
18 tion 2914 of title 10, United States Code, regarding mili-
19 tary construction projects for energy resilience, energy secu-
20 rity, and energy conservation.

21 (b) *PROJECT SELECTION AND LOCATION.*—

22 (1) *MINIMUM NUMBER.*—Each Secretary of a
23 military department shall carry out at least one mili-
24 tary construction project under the pilot program.

1 (2) *PROJECT LOCATIONS.*—*The pilot program*
2 *shall be conducted at military installations in the*
3 *United States—*

4 (A) *that are identified as vulnerable to ex-*
5 *treme weather events; and*

6 (B) *for which a military construction*
7 *project is authorized but a request for proposal*
8 *has not been released.*

9 (3) *MILITARY UNACCOMPANIED HOUSING.*—*In se-*
10 *lecting military construction projects for the pilot*
11 *program, the Secretaries of the military departments*
12 *shall coordinate to ensure that at least one of the*
13 *projects involves the construction of military unac-*
14 *companied housing.*

15 (c) *REPORTS.*—

16 (1) *IN GENERAL.*—*Not later than 180 days after*
17 *the date of the enactment of this Act, and every 180*
18 *days thereafter until December 31, 2025, the Secre-*
19 *taries of the military departments shall jointly sub-*
20 *mit to the congressional defense committees a report*
21 *on the progress of the pilot program.*

22 (2) *ELEMENTS.*—*Each report required under*
23 *paragraph (1) shall include each of the following:*

1 (A) *A description of the status of the mili-*
2 *tary construction projects selected to be con-*
3 *ducted under the pilot program.*

4 (B) *An explanation of the reasons for the se-*
5 *lection of such military construction projects.*

6 (C) *An analysis of the projected or actual*
7 *carbon footprint, including stored carbon in*
8 *building materials, resilience to extreme weather*
9 *events, construction timeliness, and cost effective-*
10 *ness, of the military construction projects con-*
11 *ducted under the pilot program using mass tim-*
12 *ber as compared to other materials historically*
13 *used in military construction.*

14 (D) *Any updated guidance the Under Sec-*
15 *retary of Defense for Acquisition and*
16 *Sustainment has released in relation to the pro-*
17 *curement policy for future military construction*
18 *projects based on comparable benefits realized*
19 *from use of mass timber, including guidance on*
20 *prioritizing sustainable materials in establishing*
21 *evaluation criteria for military construction*
22 *project contracts when technically feasible.*

23 (d) *MASS TIMBER DEFINED.*—*In this section, the term*
24 *“mass timber” means any of the following:*

25 (1) *Cross-laminated timber.*

1 (2) *Nail-laminated timber.*

2 (3) *Glue-laminated timber.*

3 (4) *Laminated strand lumber.*

4 (5) *Laminated veneer lumber,*

5 (e) *TERMINATION.—The authority of the Secretary of*
6 *a military department to carry out a military construction*
7 *project under this section shall expire on September 30,*
8 *2025. Any construction commenced under the pilot program*
9 *before such date may continue until completion.*

10 **SEC. 2879. CONTRIBUTIONS FOR CLIMATE RESILIENCE FOR**

11 **NORTH ATLANTIC TREATY ORGANIZATIONS**

12 **SECURITY INVESTMENT.**

13 *Section 2806(a) of title 10, United States Code, is*
14 *amended by striking “and construction” and inserting*
15 *“construction, and climate resilience”.*

16 **SEC. 2880. SCREENING AND REGISTRY OF INDIVIDUALS**

17 **WITH HEALTH CONDITIONS RESULTING**

18 **FROM UNSAFE HOUSING UNITS.**

19 (a) *IN GENERAL.—Subchapter V of chapter 169 of title*
20 *10, United States Code, is amended by adding at the end*
21 *the following new section:*

1 **“§2895. Screening and registry of individuals with**
2 **health conditions resulting from unsafe**
3 **housing units**

4 “(a) *SCREENING.—(1) The Secretary of Defense, in*
5 *consultation with appropriate scientific agencies as deter-*
6 *mined by the Secretary, may ensure that all military med-*
7 *ical treatment facilities screen eligible individuals for cov-*
8 *ered conditions.*

9 “(2) *The Secretary may establish procedures through*
10 *which screening under paragraph (1) may allow an eligible*
11 *individual to be included in the registry under subsection*
12 *(b).*

13 “(b) *REGISTRY.—(1) The Secretary of Defense shall es-*
14 *tablish and maintain a registry of eligible individuals who*
15 *have a covered condition.*

16 “(2) *The Secretary shall include any information in*
17 *the registry under paragraph (1) that the Secretary deter-*
18 *mines necessary to ascertain and monitor the health of eli-*
19 *gible individuals and the connection between the health of*
20 *such individuals and an unsafe housing unit.*

21 “(3) *The Secretary shall develop a public information*
22 *campaign to inform eligible individuals about the registry*
23 *under paragraph (1), including how to register and the ben-*
24 *efits of registering.*

25 “(c) *DEFINITIONS.—In this section:*

1 “(1) *The term ‘covered armed force’ means the*
2 *following:*

3 “(A) *The Army.*

4 “(B) *The Navy.*

5 “(C) *The Marine Corps.*

6 “(D) *The Air Force.*

7 “(E) *The Space Force.*

8 “(2) *The term ‘covered condition’ means a med-*
9 *ical condition that is determined by the Secretary of*
10 *Defense to have resulted from residing in an unsafe*
11 *housing unit.*

12 “(3) *The term ‘eligible individual’ means a*
13 *member of a covered armed force or a family member*
14 *of a member of a covered armed force who has resided*
15 *in an unsafe housing unit.*

16 “(4) *The term ‘unsafe housing unit’ means a*
17 *dwelling unit that—*

18 “(A) *does not meet the housing quality*
19 *standards established under section 8(o)(8)(B) of*
20 *the United States Housing Act of 1937 (42*
21 *U.S.C. 1437f(o)(8)(B)); or*

22 “(B) *is not free from dangerous air pollu-*
23 *tion levels from mold.”.*

24 (b) *CLERICAL AMENDMENT.—The table of sections at*
25 *the beginning of such subchapter is amended by inserting*

1 *after the item relating to section 2894a the following new*
 2 *item:*

3
 4 “2895. Screening and registry of individuals with health conditions resulting from
 5 unsafe housing units.”.

6 **SEC. 2881. RECOGNITION OF MEMORIAL, MEMORIAL GAR-**
 7 **DEN, AND K9 MEMORIAL OF THE NATIONAL**
 8 **NAVY UDT-SEAL MUSEUM IN FORT PIERCE,**
 9 **FLORIDA, AS A NATIONAL MEMORIAL, MEMO-**
 10 **RIAL GARDEN, AND K9 MEMORIAL, RESPEC-**
 11 **TIVELY, OF NAVY SEALS AND THEIR PREDE-**
 12 **CESSORS.**

13 *The Memorial, Memorial Garden, and K9 Memorial*
 14 *of the National Navy UDT-SEAL Museum, located at 3300*
 15 *North Highway A1A, North Hutchinson Island, in Fort*
 16 *Pierce, Florida, are recognized as a national memorial, me-*
 17 *morial garden, and K9 memorial, respectively, of Navy*
 18 *SEALs and their predecessors.*

19 **TITLE XXIX—SCIENCE AND**
 20 **TECHNOLOGY MILITARY CON-**
 21 **STRUCTION**

22 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**
 23 **ACQUISITION PROJECTS.**

24 *The Secretary of the Army may acquire real property*
 25 *and carry out the military construction projects for the in-*
stallations inside the United States, and in the amounts,
set forth in the following table:

Army: Inside the United States

Country	Installation	Amount
<i>Alabama</i>	<i>Redstone Arsenal</i>	\$50,000,000
<i>Maryland</i>	<i>Aberdeen</i>	\$85,000,000
<i>Mississippi</i>	<i>Vicksburg</i>	\$20,000,000
<i>New Jersey</i>	<i>Picatinny Arsenal</i>	\$12,000,000

1 SEC. 2902. AUTHORIZED NAVY CONSTRUCTION AND LAND**2 ACQUISITION PROJECT.**

3 *The Secretary of the Navy may acquire real property*
4 *and carry out the military construction project for the in-*
5 *stallation inside the United States, and in the amount, set*
6 *forth in the following table:*

Navy: Inside the United States

Country	Installation	Amount
<i>California</i>	<i>Corona</i>	\$15,000,000
<i>Maryland</i>	<i>Carderock</i>	\$2,073,000
	<i>Indian Head</i>	\$8,039,000
<i>Virginia</i>	<i>Dahlgren</i>	\$2,503,000

7 SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND**8 LAND ACQUISITION PROJECTS.**

9 *The Secretary of the Air Force may acquire real prop-*
10 *erty and carry out the military construction projects for*
11 *the installations inside the United States, and in the*
12 *amounts, set forth in the following table:*

Air Force: Inside the United States

Country	Installation	Amount
<i>Hawaii</i>	<i>AFRL Maui</i>	\$89,000,000
<i>New York</i>	<i>AFRL Rome</i>	\$4,200,000

13 SEC. 2904. AUTHORIZATION OF APPROPRIATIONS.

14 *Funds are hereby authorized to be appropriated for fis-*
15 *cal years beginning after September 30, 2022, for the mili-*

1 *tary construction projects inside the United States author-*
2 *ized by this title as specified in the funding table in section*
3 *4601.*

4 ***DIVISION C—DEPARTMENT OF***
5 ***ENERGY NATIONAL SECURITY***
6 ***AUTHORIZATIONS AND***
7 ***OTHER AUTHORIZATIONS***
8 ***TITLE XXXI—DEPARTMENT OF***
9 ***ENERGY NATIONAL SECURITY***
10 ***PROGRAMS***
11 ***Subtitle A—National Security***
12 ***Programs and Authorizations***

13 ***SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-***
14 ***TION.***

15 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*
16 *hereby authorized to be appropriated to the Department of*
17 *Energy for fiscal year 2023 for the activities of the National*
18 *Nuclear Security Administration in carrying out programs*
19 *as specified in the funding table in section 4701.*

20 *(b) AUTHORIZATION OF NEW PLANT PROJECTS.—*
21 *From funds referred to in subsection (a) that are available*
22 *for carrying out plant projects, the Secretary of Energy*
23 *may carry out new plant projects for the National Nuclear*
24 *Security Administration as follows:*

1 *Project 23–D–516, Energetic Materials Charac-*
2 *terization Facility, Los Alamos National Laboratory,*
3 *Los Alamos, New Mexico, \$19,000,000.*

4 *Project 23–D–517, Electrical Power Capacity*
5 *Upgrade, Los Alamos National Laboratory, Los Ala-*
6 *mos, New Mexico, \$24,000,000.*

7 *Project 23–D–518, Plutonium Modernization*
8 *Operations & Waste Management Office Building,*
9 *Los Alamos National Laboratory, Los Alamos, New*
10 *Mexico, \$48,500,000.*

11 *Project 23–D–519, Special Materials Facility,*
12 *Y–12 National Security Complex, Oak Ridge, Ten-*
13 *nessee, \$49,500,000.*

14 *Project 23–D–533, Component Test Complex*
15 *Project, Bettis Atomic Power Laboratory, West Miff-*
16 *lin, Pennsylvania, \$57,420,000.*

17 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

18 (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*
19 *hereby authorized to be appropriated to the Department of*
20 *Energy for fiscal year 2023 for defense environmental*
21 *cleanup activities in carrying out programs as specified in*
22 *the funding table in section 4701.*

23 (b) *AUTHORIZATION OF NEW PLANT PROJECTS.—*
24 *From funds referred to in subsection (a) that are available*
25 *for carrying out plant projects, the Secretary of Energy*

1 *may carry out, for defense environmental cleanup activities,*
2 *the following new plant projects:*

3 *Project 23–D–402, Calcine Construction, Idaho*
4 *National Laboratory, Idaho Falls, Idaho,*
5 *\$10,000,000.*

6 *Project 23–D–403, Hanford 200 West Area Tank*
7 *Farms Risk Management Project, Office of River Pro-*
8 *tection, Richland, Washington, \$45,000,000.*

9 *Project 23–D–404, 181D Export Water System*
10 *Reconfiguration and Upgrade, Hanford Site, Rich-*
11 *land, Washington, \$6,770,000.*

12 *Project 23–D–405, 181B Export Water System*
13 *Reconfiguration and Upgrade, Hanford Site, Rich-*
14 *land, Washington, \$480,000.*

15 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

16 *Funds are hereby authorized to be appropriated to the*
17 *Department of Energy for fiscal year 2023 for other defense*
18 *activities in carrying out programs as specified in the fund-*
19 *ing table in section 4701.*

20 **SEC. 3104. NUCLEAR ENERGY.**

21 *Funds are hereby authorized to be appropriated to the*
22 *Department of Energy for fiscal year 2023 for nuclear en-*
23 *ergy as specified in the funding table in section 4701.*

1 ***Subtitle B—Program Authoriza-***
2 ***tions, Restrictions, Limitations,***
3 ***and Other Matters***

4 **SEC. 3111. PLUTONIUM PIT PRODUCTION CAPACITY.**

5 (a) *FINDING.*—Congress finds that the National Nu-
6 clear Security Administration and the Nuclear Weapons
7 Council have acknowledged that producing 80 war reserve
8 plutonium pit per year by 2030 is not achievable.

9 (b) *REQUIREMENT.*—Subsection (a) of section 4219 of
10 the Atomic Energy Defense Act (50 U.S.C. 2538a) is
11 amended to read as follows:

12 “(a) *PRODUCTION.*—

13 “(1) *REQUIREMENT.*—The Secretary of Energy
14 shall produce the annual number of war reserve plu-
15 tonium pits that the Secretary of Defense identifies as
16 a requirement of the Department of Defense.

17 “(2) *CAPACITY.*—In carrying out paragraph (1),
18 the Secretary of Energy shall—

19 “(A) ensure that Los Alamos National Lab-
20 oratory, Los Alamos, New Mexico, has the ability
21 to—

22 “(i) produce 30 war reserve plutonium
23 pits during any year that the Secretary of
24 Defense identifies such production amount

1 *as a requirement of the Department of De-*
2 *fense; and*

3 “(ii) *implement surge efforts to*
4 *produce more than 30 war reserve pluto-*
5 *onium pits during any year that the Secre-*
6 *taries identifies such production amount as*
7 *a requirement of the Department of Defense;*

8 “(B) *ensure that the Savannah River Pluto-*
9 *onium Processing Facility at the Savannah River*
10 *Site, Aiken, South Carolina, has a sustainable*
11 *ability to—*

12 “(i) *produce 50 war reserve plutonium*
13 *pits during any year the Secretary of De-*
14 *fense identifies such production amount as*
15 *a requirement of the Department of Defense;*
16 *and*

17 “(ii) *implement surge efforts to*
18 *produce more than 50 war reserve pluto-*
19 *onium pits during any year that the Secre-*
20 *taries identifies such production amount as*
21 *a requirement of the Department of Defense;*
22 *and*

23 “(C) *maintain the Los Alamos National*
24 *Laboratory as the Plutonium Science and Pro-*

1 *duction Center of Excellence for the United*
2 *States.”.*

3 (c) *CERTIFICATIONS.—Such section is further amend-*
4 *ed—*

5 (1) *by striking subsections (b) and (c);*

6 (2) *by redesignating subsections (d) through (f)*
7 *as subsections (c) through (e), respectively;*

8 (3) *by inserting after subsection (a) the following*
9 *new subsection (b):*

10 “(b) *ANNUAL NOTIFICATIONS, CERTIFICATIONS, AND*
11 *PLANS.—*

12 “(1) *DEPARTMENT OF DEFENSE.—Not later than*
13 *March 1, 2023, and each year thereafter, the Sec-*
14 *retary of Defense shall notify the Secretary of Energy*
15 *and the appropriate congressional committees of the*
16 *following:*

17 “(A) *The requirement of the Department of*
18 *Defense with respect to the total minimum num-*
19 *ber of war reserve plutonium pits to be produced*
20 *during the 10-year period following the notifica-*
21 *tion and a justification of the requirement.*

22 “(B) *The year, if any, in which not fewer*
23 *than 80 war reserve plutonium pits are needed*
24 *to be produced to meet the requirement of the De-*
25 *partment of Defense.*

1 “(2) *DEPARTMENT OF ENERGY.*—Not later than
2 30 days after the date on which the Secretary of En-
3 ergy receives a notification under paragraph (1), the
4 Secretary shall submit to the appropriate congress-
5 sional committees the following:

6 “(A) A certification of whether the pro-
7 grams and budget of the Secretary will enable
8 the nuclear security enterprise to meet the re-
9 quirements identified by the Secretary of Defense
10 in the notification.

11 “(B) A plan by the Secretary of Energy to
12 meet such requirements, including an identifica-
13 tion of the number of war reserve plutonium pits
14 the Secretary will produce during each year cov-
15 ered by the notification and a cost estimate to
16 meet such requirements.”; and

17 (4) by striking subsection (e), as so redesignated,
18 and inserting the following new subsection:

19 “(e) *DEFINITIONS.*—In this section:

20 “(1) The term ‘appropriate congressional com-
21 mittees’ means the following:

22 “(A) The congressional defense committees.

23 “(B) The Committee on Energy and Com-
24 merce of the House of Representatives and the

1 *Committee on Energy and Natural Resources of*
2 *the Senate.*

3 “(2) *The term ‘covered project’ means—*

4 “(A) *the Savannah River Plutonium Proc-*
5 *essing Facility, Savannah River Site, Aiken,*
6 *South Carolina (Project 21–D–511); or*

7 “(B) *the Plutonium Pit Production Project,*
8 *Los Alamos National Laboratory, Los Alamos,*
9 *New Mexico (Project 21–D–512).”.*

10 (d) *CONFORMING REPEAL.—Section 3120 of the John*
11 *S. McCain National Defense Authorization Act for Fiscal*
12 *Year 2019 (Public Law 115–232; 132 Stat. 2292) is re-*
13 *pealed.*

14 **SEC. 3112. NUCLEAR WARHEAD ACQUISITION PROCESS.**

15 (a) *EXPANSION OF REPORTING AND CERTIFICATION*
16 *REQUIREMENTS.—Section 4223 of the Atomic Energy De-*
17 *fense Act (50 U.S.C. 2538e), as amended by section 3114,*
18 *is further amended as follows:*

19 (1) *By striking “the W93 nuclear weapon” each*
20 *place it appears and inserting “a covered nuclear*
21 *weapon”.*

22 (2) *By striking “a W93 nuclear weapon pro-*
23 *gram” each place it appears and inserting “a pro-*
24 *gram for that nuclear weapon”.*

1 (3) *In subsection (b)(2), by striking “for the sub-*
2 *surface ballistic nuclear (SSBN) force”.*

3 (4) *By striking subsection (d) and inserting the*
4 *following new subsection (d):*

5 “(d) *DEFINITIONS.—In this section:*

6 “(1) *The term ‘covered nuclear weapon’ means*
7 *the following:*

8 “(A) *The W93 nuclear weapon.*

9 “(B) *A modified nuclear weapon.*

10 “(C) *A new nuclear weapon.*

11 “(2) *The term ‘joint nuclear weapons life cycle’*
12 *has the meaning given that term in section 4220.*

13 “(3) *The terms ‘modified nuclear weapon’ and*
14 *‘new nuclear weapon’ have the meaning given those*
15 *terms in section 4209.”.*

16 (b) *CONFORMING AMENDMENT.—Such Act is further*
17 *amended by striking the section heading for section 4223*
18 *and inserting the following (and conforming the table of*
19 *contents at the beginning of such Act accordingly): “**NU-***
20 ***CLEAR WARHEAD ACQUISITION PROCESS”.***

21 **SEC. 3113. AUTHORIZED PERSONNEL LEVELS OF THE OF-**
22 **FICE OF THE ADMINISTRATOR.**

23 (a) *MODIFICATION OF AUTHORIZED LEVELS.—Sub-*
24 *section (a) of section 3241A of the National Nuclear Secu-*

1 *ality Administration Act (50 U.S.C. 2441a) is amended to*
2 *read as follows:*

3 “(a) *FULL-TIME EQUIVALENT PERSONNEL LEVELS.—*

4 “(1) *AUTHORIZED LEVEL.—For fiscal year 2023*
5 *and each fiscal year thereafter, the total number of*
6 *employees of the Office of the Administrator may not*
7 *exceed 110 percent of the total number of employees*
8 *of the Office during the previous fiscal year unless,*
9 *during each fiscal year in which such number is ex-*
10 *ceeded, the Administrator submits to the congressional*
11 *defense committees a report justifying such excess.*

12 “(2) *NOTIFICATION OF TOTAL NUMBER.—Not*
13 *later than December 31, 2022, and each year there-*
14 *after, the Administrator shall notify the congressional*
15 *defense committees, the Committee on Energy and*
16 *Commerce of the House of Representatives, and the*
17 *Committee on Energy and Natural Resources of the*
18 *Senate of the total number of employees of the Office*
19 *of the Administrator during the previous fiscal year,*
20 *broken down by the office in which the employees are*
21 *assigned.”.*

22 (b) *REPORT.—Subsection (f) of such section is amend-*
23 *ed to read as follows:*

24 “(f) *ANNUAL REPORT.—The Administrator shall in-*
25 *clude in the budget justification materials submitted to*

1 *Congress in support of the budget of the Administration for*
2 *each fiscal year (as submitted with the budget of the Presi-*
3 *dent under section 1105(a) of title 31, United States Code)*
4 *a report containing the following information:*

5 “(1) *A projection of the expected number of em-*
6 *ployees of the Office of the Administrator, as counted*
7 *under subsection (a), for the fiscal year covered by the*
8 *budget justification materials and the four subsequent*
9 *fiscal years, broken down by the office in which the*
10 *employees are projected to be assigned.*

11 “(2) *With respect to the most recent fiscal year*
12 *for which data is available—*

13 “(A) *the number of service support contracts*
14 *of the Administration and whether such con-*
15 *tracts are funded using program or program di-*
16 *rection funds;*

17 “(B) *the number of full-time equivalent con-*
18 *tractor employees working under each contract*
19 *identified under subparagraph (A);*

20 “(C) *the number of full-time equivalent con-*
21 *tractor employees described in subparagraph (B)*
22 *that have been employed under such a contract*
23 *for a period greater than two years;*

24 “(D) *with respect to each contract identified*
25 *under subparagraph (A)—*

1 “(i) identification of each appropri-
2 ations account that supports the contract;
3 and

4 “(ii) the amount obligated under the
5 contract during the fiscal year, listed by
6 each such account; and

7 “(E) with respect to each appropriations
8 account identified under subparagraph (D)(i),
9 the total amount obligated for contracts identi-
10 fied under subparagraph (A).”.

11 **SEC. 3114. MODIFICATION TO CERTAIN REPORTING RE-**
12 **QUIREMENTS.**

13 (a) *REPORTS ON NUCLEAR WARHEAD ACQUISITION*
14 *PROCESS.*—Section 4223 of the Atomic Energy Defense Act
15 (50 U.S.C. 2538e) is amended—

16 (1) in subsection (a)(2)(A), by striking “submit
17 to the congressional defense committees a plan” and
18 inserting “provide to the congressional defense com-
19 mittees a briefing on a plan”; and

20 (2) in subsection (b)—

21 (A) in paragraph (1), by striking “certify
22 to the congressional defense committees that” and
23 inserting “provide to the congressional defense
24 committees a briefing that includes certifications
25 that—”; and

1 (B) in paragraph (2)—

2 (i) by inserting “, or provide to such
3 committees a briefing on,” after “a report
4 containing”; and

5 (ii) by inserting “or briefing, as the
6 case may be” after “date of the report”.

7 (b) *REPORTS ON TRANSFERS OF CIVIL NUCLEAR*
8 *TECHNOLOGY.*—Section 3136 of the National Defense Au-
9 thorization Act for Fiscal Year 2016 (42 U.S.C. 2077a) is
10 amended—

11 (1) by redesignating subsection (i) as subsection
12 (j); and

13 (2) by inserting after subsection (h) the following
14 new subsection:

15 “(i) *COMBINATION OF REPORTS.*—The Secretary of
16 Energy may submit the annual reports required by sub-
17 sections (a), (d), and (e) as a single annual report, includ-
18 ing by providing portions of the information so required
19 as an annex to the single annual report.”.

20 (c) *CONFORMING AMENDMENT.*—Section 161 n. of the
21 Atomic Energy Act of 1954 (50 U.S.C. 2201(n)) is amended
22 by striking “section 3136(i) of the National Defense Author-
23 ization Act for Fiscal Year 2016 (42 U.S.C. 2077a(i))” and
24 inserting “section 3136 of the National Defense Authoriza-
25 tion Act for Fiscal Year 2016 (42 U.S.C. 2077a(j))”.

1 **SEC. 3115. MODIFICATIONS TO LONG-TERM PLAN FOR**
2 **MEETING NATIONAL SECURITY REQUIRE-**
3 **MENTS FOR UNENCUMBERED URANIUM.**

4 (a) *TIMING.*—Subsection (a) of section 4221 of the
5 *Atomic Energy Defense Act (50 U.S.C. 2538c)* is amend-
6 *ed—*

7 (1) *by striking “each even-numbered year*
8 *through 2026” and inserting “each odd-numbered*
9 *year through 2029”; and*

10 (2) *by striking “2065” and inserting “2070”.*

11 (b) *PLAN REQUIREMENTS.*—Subsection (b) of such sec-
12 *tion is amended—*

13 (1) *in paragraph (3), by inserting “through*
14 *2070” after “unencumbered uranium”;*

15 (2) *by redesignating paragraphs (4) through (8)*
16 *as paragraphs (5) through (9), respectively;*

17 (3) *by inserting after paragraph (3) the fol-*
18 *lowing new paragraph (4):*

19 “(4) *An assessment of current and projected*
20 *unencumbered uranium production by private indus-*
21 *try in the United States that could support future de-*
22 *fense requirements.”; and*

23 (4) *by striking paragraphs (8) and (9), as so re-*
24 *designated, and inserting the following new para-*
25 *graphs:*

26 “(8) *An assessment of—*

1 “(A) whether, and if so when, additional
2 enrichment of uranium will be required to meet
3 national security requirements; and

4 “(B) the options the Secretary is consid-
5 ering to meet such requirements, including an es-
6 timated cost and timeline for each option and a
7 description of any changes to policy or law that
8 the Secretary determines would be required for
9 each option.

10 “(9) An assessment of whether, and how, options
11 to provide additional enriched uranium to meet na-
12 tional security requirements could, as an additional
13 benefit, contribute to the establishment of a sustained
14 domestic enrichment capacity and allow the commer-
15 cial sector of the United States to reduce reliance on
16 importing uranium from adversary countries.”.

17 (c) *COMPTROLLER GENERAL REVIEW*.—Such section
18 is further amended—

19 (1) by redesignating subsection (d) as subsection
20 (e); and

21 (2) by inserting after subsection (c) the following
22 new subsection:

23 “(d) *COMPTROLLER GENERAL BRIEFING*.—Not later
24 than 180 days after the date on which the congressional
25 defense committees receive each plan under subsection (a),

1 *the Comptroller General of the United States shall provide*
2 *to the Committees on Armed Services of the House of Rep-*
3 *resentatives and the Senate a briefing that includes an as-*
4 *essment of the plan.”.*

5 **SEC. 3116. MODIFICATION OF MINOR CONSTRUCTION**
6 **THRESHOLD FOR PLANT PROJECTS.**

7 *Section 4701(2) of the Atomic Energy Defense Act (50*
8 *U.S.C. 2741(2)) is amended by striking “\$25,000,000” and*
9 *inserting “\$30,000,000”.*

10 **SEC. 3117. PROHIBITION ON AVAILABILITY OF FUNDS TO**
11 **RECONVERT OR RETIRE W76-2 WARHEADS.**

12 *(a) PROHIBITION.—Except as provided in subsection*
13 *(b), none of the funds authorized to be appropriated by this*
14 *Act or otherwise made available for fiscal year 2023 for the*
15 *National Nuclear Security Administration may be obli-*
16 *gated or expended to reconvert or retire a W76-2 warhead.*

17 *(b) WAIVER.—The Administrator for Nuclear Security*
18 *may waive the prohibition in subsection (a) if the Adminis-*
19 *trator, in consultation with the Secretary of Defense, and*
20 *the Chairman of the Joint Chiefs of Staff, certifies in writ-*
21 *ing to the congressional defense committees—*

22 *(1) that Russia and China do not possess naval*
23 *capabilities similar to the W76-2 warhead in the ac-*
24 *tive stockpiles of the respective country; and*

1 (2) *that the Department of Defense does not have*
2 *a valid military requirement for the W76-2 warhead.*

3 **SEC. 3118. COMPTROLLER GENERAL STUDY ON NATIONAL**
4 **NUCLEAR SECURITY ADMINISTRATION MAN-**
5 **AGEMENT AND OPERATION CONTRACTING**
6 **PROCESS.**

7 (a) *STUDY AND REPORT REQUIRED.—Not later than*
8 *180 days after the date of the enactment of this Act, the*
9 *Comptroller General of the United States shall—*

10 (1) *conduct a study to identify and assess the*
11 *process by which the Administrator for Nuclear Secu-*
12 *rity awards management and operation contracts for*
13 *Kansas City National Security Campus, Lawrence*
14 *Livermore National Laboratory, Los Alamos National*
15 *Laboratory, Nevada National Security Site, Y-12 Na-*
16 *tional Security Complex, Pantex Plant, Sandia Na-*
17 *tional Laboratories, and Savannah River Site; and*

18 (2) *submit to the Administrator, the Nuclear*
19 *Weapons Council, and the congressional defense com-*
20 *mittees a report containing the findings of such study*
21 *and any recommendations that the Comptroller Gen-*
22 *eral identifies based on its analysis.*

23 (b) *MATTERS.—The report under subsection (a) shall*
24 *include the following:*

1 (1) *An evaluation of the process by which man-*
2 *agement and operation contracts are awarded to con-*
3 *tractors for National Nuclear Security Administra-*
4 *tion facilities.*

5 (2) *A detailed analysis of the impact that*
6 *transitioning to a new contractor has on the mission*
7 *and workforce of the National Nuclear Security Ad-*
8 *ministration, including an assessment of—*

9 (A) *costs incurred when a management and*
10 *operation contract is awarded and then later*
11 *canceled;*

12 (B) *cost estimates for the contract award*
13 *process; and*

14 (C) *any impact to the overall mission of the*
15 *facility.*

16 (3) *An identification of factors involved in the*
17 *awarding of the contract that could negatively affect*
18 *the workforce.*

19 (4) *A review of any recent successful protests*
20 *against the award of a management and operation*
21 *contract.*

22 (5) *Such other matters as may be determined ap-*
23 *propriate by the Comptroller General.*

24 (c) *BRIEFING.—Not later than 90 days after the date*
25 *on which the Administrator receives the report submitted*

1 *under subsection (a), the Administrator, in coordination*
2 *with the Nuclear Weapons Council, shall provide to the con-*
3 *gressional defense committees a briefing on any statutory*
4 *changes the Administrator determines necessary to improve*
5 *the management and operation contract awarding process*
6 *and to conduct the process in a more cost effective manner.*

7 **TITLE XXXII—DEFENSE NU-**
8 **CLEAR FACILITIES SAFETY**
9 **BOARD**

10 **SEC. 3201. AUTHORIZATION.**

11 *There are authorized to be appropriated for fiscal year*
12 *2023, \$41,401,000 for the operation of the Defense Nuclear*
13 *Facilities Safety Board under chapter 21 of the Atomic En-*
14 *ergy Act of 1954 (42 U.S.C. 2286 et seq.).*

15 **SEC. 3202. CONTINUATION OF FUNCTIONS AND POWERS**
16 **DURING LOSS OF QUORUM.**

17 *Section 311(e) of the Atomic Energy Act of 1954 (42*
18 *U.S.C. 2286(e)) is amended—*

19 *(1) by striking “Three members” and inserting*
20 *“(1) Three members”; and*

21 *(2) by adding at the end the following new para-*
22 *graphs:*

23 *“(2) During a covered period, the Chairperson may*
24 *carry out the functions and powers of the Board under sec-*

1 tions 312 through 316, notwithstanding that a quorum does
2 not exist.

3 “(3) In carrying out the functions and powers of the
4 Board during a covered period pursuant to paragraph (2),
5 the Chairperson shall consult with any other member of the
6 Board who is serving during the covered period and not
7 incapacitated, except that the Chairperson may make rec-
8 ommendations to the Secretary of Energy and initiate in-
9 vestigations under section 312 only with the concurrence
10 of any such other member.

11 “(4) In this subsection, the term ‘covered period’ means
12 a period beginning on the date on which a quorum specified
13 in paragraph (1) does not exist by reason of either or both
14 a vacancy in the membership of the Board or the incapacity
15 of a member of the Board and ending on the earlier of—

16 “(A) the date that is one year after such begin-
17 ning date; or

18 “(B) the date on which a quorum exists.”.

19 **TITLE XXXIV—NAVAL**
20 **PETROLEUM RESERVES**

21 **SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.**

22 (a) *AMOUNT.*—There are hereby authorized to be ap-
23 propriated to the Secretary of Energy \$13,004,000 for fiscal
24 year 2023 for the purpose of carrying out activities under

1 *chapter 869 of title 10, United States Code, relating to the*
2 *naval petroleum reserves.*

3 (b) *PERIOD OF AVAILABILITY.—Funds appropriated*
4 *pursuant to the authorization of appropriations in sub-*
5 *section (a) shall remain available until expended.*

6 ***TITLE XXXV—MARITIME***
7 ***SECURITY***
8 ***Subtitle A—Maritime***
9 ***Administration***

10 ***SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINIS-***
11 ***TRATION.***

12 (a) *IN GENERAL.—There are authorized to be appro-*
13 *priated to the Department of Transportation for fiscal year*
14 *2023 for programs associated with maintaining the United*
15 *States merchant marine, the following amounts:*

16 (1) *For expenses necessary for operations of the*
17 *United States Merchant Marine Academy,*
18 *\$99,748,000, of which—*

19 (A) *\$87,848,000 shall be for Academy oper-*
20 *ations; and*

21 (B) *\$11,900,000 shall be for capital asset*
22 *management at the Academy.*

23 (2) *For expenses necessary to support the State*
24 *maritime academies, \$120,700,000, of which—*

1 (A) \$2,400,000 is for the Student Incentive
2 Program;

3 (B) \$6,000,000 is for direct payments;

4 (C) \$6,800,000 is for training ship fuel as-
5 sistance;

6 (D) \$30,500,000 for school ship mainte-
7 nance and repair; and

8 (E) \$75,000,000 for the National Security
9 Multi-Mission Vessel.

10 (3) For expenses necessary to support Maritime
11 Administration operations and programs, Head-
12 quarters Operations, \$67,433,000.

13 (4) For expenses necessary to dispose of vessels in
14 the National Defense Reserve Fleet, \$6,000,000.

15 (5) For expenses necessary to maintain and pre-
16 serve a United States flag merchant marine to serve
17 the national security needs of the United States under
18 chapter 531 of title 46, United States Code,
19 \$318,000,000.

20 (6) For expenses necessary for the loan guarantee
21 program authorized under chapter 537 of title 46,
22 United States Code, \$33,000,000, of which—

23 (A) \$30,000,000 may be used for the cost
24 (as defined in section 502(5) of the Federal Cred-

1 *it Reform Act of 1990 (2 U.S.C. 661a(5)) of*
2 *loan guarantees under the program; and*

3 *(B) \$3,000,000 may be used for administra-*
4 *tive expenses relating to loan guarantee commit-*
5 *ments under the program.*

6 *(7) For expenses necessary to provide for the*
7 *Tanker Security Fleet, as authorized under chapter*
8 *534 of title 46, United States Code, \$60,000,000.*

9 *(8) For expenses necessary to support maritime*
10 *environmental and technical assistance activities au-*
11 *thorized under section 50307 of title 46, United States*
12 *Code, \$15,000,000.*

13 *(9) For expenses necessary to support marine*
14 *highway program activities authorized under chapter*
15 *556 of such title, \$15,000,000.*

16 *(10) For expenses necessary to provide assistance*
17 *to small shipyards and for the maritime training*
18 *program authorized under section 54101 of title 46,*
19 *United States Code, \$25,000,000.*

20 *(11) For expenses necessary to implement the*
21 *port infrastructure development activities authorized*
22 *under subsections (a) and (b) of section 54301 of title*
23 *46, United States Code, \$685,000,000.*

24 *(12) For expenses necessary to provide for sealift*
25 *contested environment evaluation, \$2,000,000.*

1 (13) *For expenses necessary to provide for Na-*
2 *tional Defense Reserve Fleet resiliency, \$800,000.*

3 (14) *For expenses necessary to provide for train-*
4 *ing ship State of Michigan maritime training plat-*
5 *form requirements, \$1,200,000.*

6 (b) *LIMITATION.*—*None of the amounts authorized to*
7 *be appropriated for port infrastructure development activi-*
8 *ties under subsection (a)(11) may be used to provide a grant*
9 *to purchase fully automated cargo handling equipment that*
10 *is remotely operated or remotely monitored, with or without*
11 *the exercise of human intervention or control, if the Sec-*
12 *retary of Transportation determines such equipment would*
13 *result in a net loss of jobs within a port or port terminal.*

14 **SEC. 3502. SECRETARY OF TRANSPORTATION RESPONS-**
15 **BILITY WITH RESPECT TO CARGOES PRO-**
16 **CURED, FURNISHED, OR FINANCED BY OTHER**
17 **FEDERAL DEPARTMENTS AND AGENCIES.**

18 (a) *IN GENERAL.*—*Not later than 90 days after the*
19 *date of the enactment of this Act, the Administrator of the*
20 *Maritime Administration shall issue a final rule to imple-*
21 *ment and enforce section 55305(d) of title 46, United States*
22 *Code.*

23 (b) *PROGRAMS OF OTHER AGENCIES.*—*Section*
24 *55305(d)(2)(A) of title 46, United States Code, is amended*
25 *by inserting after “section” the following: “and annually*

1 *submit to the Committee on Transportation and Infrastruc-*
 2 *ture of the House of Representatives and the Committee on*
 3 *Commerce, Science, and Transportation of the Senate a re-*
 4 *port on the administration of such programs”.*

5 **SEC. 3503. UNITED STATES MARINE HIGHWAY PROGRAM.**

6 (a) *UNITED STATES MARINE HIGHWAY PROGRAM.—*
 7 *Section 55601 of title 46, United States Code, is amended*
 8 *to read as follows:*

9 **“§ 55601. United States marine highway program**

10 “(a) *ESTABLISHMENT.—There is in the Department of*
 11 *Transportation a program, to be known as the ‘United*
 12 *States marine highway program’.*

13 “(b) *CRITERIA.—In order to be designated as a marine*
 14 *highway transportation route under subsection (c) or as a*
 15 *marine highway transportation project under subsection*
 16 *(d), a route or project shall—*

17 “(1) *provide a coordinated and capable alter-*
 18 *native to landside transportation;*

19 “(2) *mitigate or relieve landside congestion; or*

20 “(3) *promote marine highway transportation.*

21 “(c) *MARINE HIGHWAY TRANSPORTATION ROUTES.—*
 22 *The Secretary may—*

23 “(1) *designate a route that meets the criteria*
 24 *under subsection (b) as a marine highway transpor-*
 25 *tation route; and*

1 “(2) *collect and disseminate data related to such*
2 *designation.*

3 “(d) *PROJECT DESIGNATION.—The Secretary may—*

4 “(1) *designate a project that meets the criteria*
5 *under subsection (b) as a marine highway transpor-*
6 *tation project if the Secretary determines that such*
7 *project uses vessels documented under chapter 121*
8 *and—*

9 “(A) *develops, expands, or promotes—*

10 “(i) *marine highway transportation*
11 *services;*

12 “(ii) *shipper utilization of marine*
13 *highway transportation; or*

14 “(iii) *port and landside infrastructure*
15 *for which assistance is not available under*
16 *section 54301; or*

17 “(B) *implements strategies developed under*
18 *section 5560; and*

19 “(2) *conduct research on solutions to impedi-*
20 *ments to such projects.*

21 “(e) *ASSISTANCE.—*

22 “(1) *IN GENERAL.—The Secretary may make*
23 *grants, or enter into contracts or cooperative agree-*
24 *ments, to implement a marine highway transpor-*

1 *tation project designated under subsection (e) or a*
2 *component of such a project.*

3 “(2) *APPLICATION.—To be eligible to receive a*
4 *grant or to enter into a contract or cooperative agree-*
5 *ment under this subsection, an applicant shall—*

6 “(A) *submit to the Secretary an application*
7 *in such form and manner, at such time, and*
8 *containing such information as the Secretary*
9 *may require; and*

10 “(B) *demonstrate to the satisfaction of the*
11 *Secretary that—*

12 “(i) *the proposed project is financially*
13 *viable;*

14 “(ii) *the funds received under the*
15 *grant, contract, or cooperative agreement*
16 *will be spent or used efficiently and effec-*
17 *tively; and*

18 “(iii) *a market exists for the services of*
19 *the proposed project, as evidenced by con-*
20 *tracts or written statements of intent from*
21 *potential customers.*

22 “(3) *NON-FEDERAL SHARE.—Not more than 80*
23 *percent of the funding for any project for which fund-*
24 *ing is provided under this subsection may come from*
25 *Federal sources.*

1 “(4) *PREFERENCE FOR FINANCIALLY VIABLE*
 2 *PROJECTS.*— *In awarding grants or entering in con-*
 3 *tracts or cooperative agreements under this subsection,*
 4 *the Secretary shall give a preference to those projects*
 5 *or components that present the most financially via-*
 6 *ble transportation services and require the lowest per-*
 7 *centage Federal share of the costs.*

8 “(f) *ADDITIONAL PROGRAM ACTIVITIES.*—*In carrying*
 9 *out the program established under subsection (a), the Sec-*
 10 *retary of Transportation may—*

11 “(1) *coordinate with ports, State departments of*
 12 *transportation, localities, other public agencies, and*
 13 *appropriate private sector entities on the development*
 14 *of landside facilities and infrastructure to support*
 15 *marine highway transportation; and*

16 “(2) *develop performance measures for the pro-*
 17 *gram.*”.

18 “(b) *CLERICAL AMENDMENT.*—*The analysis for chapter*
 19 *556 of title 46, United States Code, is amended by striking*
 20 *the item relating to section 55601 and inserting the fol-*
 21 *lowing:*

 “55601. *United States marine highway program.*”.

22 **SEC. 3504. MULTISTATE, STATE, AND REGIONAL TRANSPOR-**
 23 **TATION PLANNING.**

24 “(a) *MULTISTATE, STATE, AND REGIONAL TRANSPOR-*
 25 *TATION PLANNING.*—*Chapter 556 of title 46, United States*

1 Code, is amended by inserting after section 55602 the fol-
2 lowing:

3 **“§55603. Multistate, State, and regional transpor-**
4 **tation planning**

5 “(a) *IN GENERAL.*—The Secretary, in consultation
6 with Federal entities, State and local governments, and ap-
7 propriate private sector entities, may develop strategies to
8 encourage the use of marine highway transportation for
9 transportation of passengers and cargo.

10 “(b) *STRATEGIES.*—If the Secretary develops strategies
11 under subsection (a), the Secretary may—

12 “(1) assess the extent to which States and local
13 governments include marine highway transportation
14 and other marine transportation solutions in trans-
15 portation planning;

16 “(2) encourage State departments of transpor-
17 tation to develop strategies, where appropriate, to in-
18 corporate marine highway transportation, ferries,
19 and other marine transportation solutions for re-
20 gional and interstate transport of freight and pas-
21 sengers in transportation planning; and

22 “(3) encourage groups of States and multistate
23 transportation entities to determine how marine high-
24 ways can address congestion, bottlenecks, and other
25 interstate transportation challenges.”

1 (b) *CLERICAL AMENDMENT.*—*The analysis for chapter*
 2 *556 of title 46, United States Code, is amended by striking*
 3 *the item relating to section 55603 and inserting the fol-*
 4 *lowing:*

“55603. *Multistate, State, and regional transportation planning.*”.

5 ***Subtitle B—Merchant Marine***
 6 ***Academy***

7 ***SEC. 3511. APPOINTMENT OF SUPERINTENDENT OF UNITED***
 8 ***STATES MERCHANT MARINE ACADEMY.***

9 *Subsection (c) of section 51301 of title 46, United*
 10 *States Code, is amended to read as follows:*

11 “(c) *SUPERINTENDENT.*—*The immediate command of*
 12 *the United States Merchant Marine Academy shall be in*
 13 *the Superintendent of the Academy, who shall be appointed*
 14 *by the Secretary of Transportation and subject to the direc-*
 15 *tion of the Maritime Administrator under the general su-*
 16 *pervision of the Secretary of Transportation.*”.

17 ***SEC. 3512. EXEMPTION OF CERTAIN STUDENTS FROM RE-***
 18 ***QUIREMENT TO OBTAIN MERCHANT MARINER***
 19 ***LICENSE.***

20 *Section 51309 of title 46, United States Code, is*
 21 *amended by adding at the end the following:*

22 “(d) *EXEMPTION FROM REQUIREMENT TO OBTAIN LI-*
 23 *CENSE.*—*The Secretary may modify or waive the require-*
 24 *ments of section 51306(a)(2) for students who provide rea-*
 25 *sonable concerns with obtaining a merchant mariner li-*

1 *cense, including fear for safety while at sea after instances*
2 *of trauma, medical condition, or inability to obtain re-*
3 *quired sea time or endorsement so long as such inability*
4 *is not due to a lack of proficiency or violation of Academy*
5 *policy. The issuance of a modification or waiver under this*
6 *subsection shall not delay or impede graduation from the*
7 *Academy.”.*

8 **SEC. 3513. PROTECTION OF CADETS FROM SEXUAL AS-**
9 **SAULT ONBOARD VESSELS.**

10 *(a) IN GENERAL.—Section 51322 of title 46, United*
11 *States Code, is amended—*

12 *(1) by striking subsection (a) and inserting the*
13 *following:*

14 *“(a) SAFETY CRITERIA.—The Maritime Adminis-*
15 *trator, after consulting with the Secretary of the department*
16 *in which the Coast Guard is operating, shall establish—*

17 *“(1) criteria, to which an owner or operator of*
18 *a vessel engaged in commercial service shall adhere*
19 *prior to carrying a cadet performing their Sea Year*
20 *service from the United States Merchant Marine*
21 *Academy, that addresses prevention of, and response*
22 *to, sexual harassment, dating violence, domestic vio-*
23 *lence, sexual assault, and stalking; and*

1 “(2) a process for collecting pertinent informa-
2 tion from such owners or operators and verifying
3 their compliance with the criteria.

4 “(b) *MINIMUM STANDARDS*.—At a minimum, the cri-
5 teria established under subsection (a) shall require the vessel
6 owners or operators to have policies that address—

7 “(1) communication between a cadet and an in-
8 dividual ashore who is trained in responding to inci-
9 dents of sexual harassment, dating violence, domestic
10 violence, sexual assault, and stalking;

11 “(2) the safety and security of cadet staterooms
12 while a cadet is onboard the vessel;

13 “(3) requirements for crew to report complaints
14 or incidents of sexual assault, sexual harassment, dat-
15 ing violence, domestic violence, and stalking con-
16 sistent with the requirements in section 10104;

17 “(4) the maintenance of records of reports of sex-
18 ual harassment, dating violence, domestic violence,
19 sexual assault, and stalking onboard a vessel carrying
20 a cadet;

21 “(5) the maintenance of records of sexual harass-
22 ment, dating violence, domestic violence, sexual as-
23 sault, and stalking training as required under sub-
24 section (f);

1 “(6) a requirement for the owner or operator
2 provide each cadet a copy of the policies and proce-
3 dures related to sexual harassment, dating violence,
4 domestic violence, sexual assault, and stalking policies
5 that pertain to the vessel on which they will be em-
6 ployed; and

7 “(7) any other issues the Maritime Adminis-
8 trator determines necessary to ensure the safety of ca-
9 dets during Sea Year training.

10 “(c) *SELF-CERTIFICATION BY OWNERS OR OPERA-*
11 *TORS.—The Maritime Administrator shall require the*
12 *owner or operator of any commercial vessel that is carrying*
13 *a cadet from the United States Merchant Marine Academy*
14 *to annually certify that—*

15 “(1) the vessel owner or operator is in compli-
16 ance with the criteria established under subsection
17 (a); and

18 “(2) the vessel is in compliance with the *Inter-*
19 *national Convention of Safety of Life at Sea, 1974*
20 *(32 UST 47) and sections 8106 and 70103(c).*

21 “(d) *INFORMATION, TRAINING, AND RESOURCES.—The*
22 *Maritime Administrator shall ensure that a cadet partici-*
23 *pating in Sea Year—*

24 “(1) receives training specific to vessel safety, in-
25 cluding sexual harassment, dating violence, domestic

1 *violence, sexual assault, and stalking prevention and*
2 *response training, prior to the cadet boarding a vessel*
3 *for Sea Year training;*

4 *“(2) is equipped with an appropriate means of*
5 *communication and has been trained on its use;*

6 *“(3) has access to a helpline to report incidents*
7 *of sexual harassment, dating violence, domestic vio-*
8 *lence, sexual assault, or stalking that is monitored by*
9 *trained personnel; and*

10 *“(4) is informed of the legal requirements for*
11 *vessel owners and operators to provide for the security*
12 *of individuals onboard, including requirements under*
13 *section 70103(c) and chapter 81.”;*

14 *(2) by redesignating subsections (b) through (d)*
15 *as subsections (e) through (g), respectively;*

16 *(3) in subsection (e), as so redesignated, by strik-*
17 *ing paragraph (2) and inserting the following new*
18 *paragraphs:*

19 *“(2) ACCESS TO INFORMATION.—The vessel oper-*
20 *ator shall make available to staff conducting a vessel*
21 *check such information as the Maritime Adminis-*
22 *trator determines is necessary to determine whether*
23 *the vessel is being operated in compliance with the*
24 *criteria established under subsection (a).*

1 “(3) *REMOVAL OF STUDENTS.*—If staff of the
2 *Academy or staff of the Maritime Administration de-*
3 *termine that a commercial vessel is not in compliance*
4 *with the criteria established under subsection (a), the*
5 *staff—*

6 “(A) *may remove a cadet of the Academy*
7 *from the vessel; and*

8 “(B) *shall report such determination of*
9 *non-compliance to the owner or operator of the*
10 *vessel.”;*

11 (4) *in subsection (f), as so redesignated, by strik-*
12 *ing “or the seafarer union” and inserting “and the*
13 *seafarer union”;* and

14 (5) *by adding at the end the following:*

15 “(h) *NONCOMMERCIAL VESSELS.*—

16 “(1) *IN GENERAL.*—A public vessel (as defined
17 *in section 2101) shall not be subject to the require-*
18 *ments of this section.*

19 “(2) *REQUIREMENTS FOR PARTICIPATION.*—The
20 *Maritime Administrator may establish criteria and*
21 *requirements that the operators of public vessels shall*
22 *meet to participate in the Sea Year program of the*
23 *United States Merchant Marine Academy that ad-*
24 *dresses prevention of, and response to, sexual harass-*

1 *ment, dating violence, domestic violence, sexual as-*
2 *sault, and stalking.”.*

3 *(b) REGULATIONS.—*

4 *(1) IN GENERAL.—The Maritime Administrator*
5 *may prescribe rules necessary to carry out the amend-*
6 *ments made by this section.*

7 *(2) INTERIM RULES.—The Maritime Adminis-*
8 *trator may prescribe interim rules necessary to carry*
9 *out the amendments made by this section. For this*
10 *purpose, the Maritime Administrator in prescribing*
11 *rules under paragraph (1) is excepted from compli-*
12 *ance with the notice and comment requirements of*
13 *section 553 of title 5, United States Code. All rules*
14 *prescribed under the authority of the amendments*
15 *made by this section shall remain in effect until su-*
16 *perseded by a final rule.*

17 *(c) CONFORMING AMENDMENTS.—*

18 *(1) SEA YEAR COMPLIANCE.—Section 3514 of the*
19 *National Defense Authorization Act for Fiscal Year*
20 *2017 (46 U.S.C. 51318 note) is repealed.*

21 *(2) ACCESS OF ACADEMY CADETS TO DOD SAFE*
22 *OR EQUIVALENT HELPLINE.—Section 3515 of the Na-*
23 *tional Defense Authorization Act for Fiscal Year 2018*
24 *(46 U.S.C. 51518 note) is amended by striking sub-*

1 *section (b) and redesignating subsection (c) as sub-*
 2 *section (b).*

3 **SEC. 3514. REQUIREMENTS RELATING TO TRAINING OF**
 4 **MERCHANT MARINE ACADEMY CADETS ON**
 5 **CERTAIN VESSELS.**

6 *(a) REQUIREMENTS RELATING TO PROTECTION OF CA-*
 7 *DETS FROM SEXUAL ASSAULT ONBOARD VESSELS.—*

8 *(1) IN GENERAL.—Subsection (b) of section*
 9 *51307 of title 46, United States Code, is amended to*
 10 *read as follows:*

11 *“(b) SEA YEAR CADETS ON CERTAIN VESSELS.—*

12 *“(1) REQUIREMENTS.—The Secretary shall re-*
 13 *quire an operator of a vessel participating in the*
 14 *Maritime Security Program under chapter 531 of this*
 15 *title, the Cable Security Fleet under chapter 532 of*
 16 *this title, or the Tanker Security Fleet under chapter*
 17 *534 of this title to—*

18 *“(A) carry on each Maritime Security Pro-*
 19 *gram vessel, Cable Security Fleet vessel, or Tank-*
 20 *er Security Fleet vessel 2 United States Mer-*
 21 *chant Marine Academy cadets, if available, on*
 22 *each voyage; and*

23 *“(B) implement and adhere to policies, pro-*
 24 *grams, criteria, and requirements established*
 25 *pursuant to section 51322 of this title.*

1 “(2) *FAILURE TO IMPLEMENT OR ADHERE TO*
2 *REQUIREMENTS.—Failure to implement or adhere to*
3 *the policies, programs, criteria, and requirements re-*
4 *ferred to in paragraph (1)(B) may, as determined by*
5 *the Maritime Administrator, constitute a violation of*
6 *an operating agreement entered into under chapter*
7 *531, 532, or 533 of this title and the Maritime Ad-*
8 *ministrator may—*

9 “(A) *require the operator to take corrective*
10 *actions; or*

11 “(B) *withhold payment due to the operator*
12 *until the violation, as determined by the Mari-*
13 *time Administrator, has been remedied.*

14 “(3) *WITHHELD PAYMENTS.—Any payment*
15 *withheld pursuant to paragraph (2)(B) may be paid,*
16 *upon a determination by the Maritime Administrator*
17 *that the operator is in compliance with the policies,*
18 *programs, criteria, and requirements referred to in*
19 *paragraph (1)(B).”.*

20 “(2) *APPLICABILITY.—Paragraph (2) of sub-*
21 *section (b) of section 51307, as amended by para-*
22 *graph (1), shall apply with respect to any failure to*
23 *implement or adhere to the policies, programs, cri-*
24 *teria, and requirements referred to in paragraph*
25 *(1)(B) of such subsection that occurs on or after the*

1 *date that is one year after the date of the enactment*
2 *of this Act.*

3 **(b) REQUIREMENTS FOR GOVERNMENT-OWNED VES-**
4 **SELS.**—*Subsection (c) of such section is amended—*

5 *(1) in the subsection heading by striking “MILI-*
6 *TARY SEALIFT COMMAND VESSELS” and inserting*
7 *“GOVERNMENT-OWNED VESSELS”;*

8 *(2) in paragraph (1), by redesignating subpara-*
9 *graphs (A) and (B) as clauses (i) and (ii), respec-*
10 *tively, and adjusting the margins accordingly;*

11 *(3) by redesignating paragraphs (1) and (2) as*
12 *subparagraphs (A) and (B), respectively, and adjust-*
13 *ing the margins accordingly;*

14 *(4) by inserting before subparagraph (A), as so*
15 *redesignated, the following:*

16 *“(1) IN GENERAL.—Consistent with the purpose*
17 *of the United States Merchant Marine Academy, as*
18 *described in section 51301(b) of this chapter, vessels*
19 *owned or chartered by the United States Government,*
20 *including vessels of the United States Coast Guard,*
21 *United States Navy, Military Sealift Command, are*
22 *proper vessels for training cadets.*

23 *“(2) MILITARY SEALIFT COMMAND VESSELS.—”;*

1 (5) in subparagraph (A), as so redesignated, by
2 striking “paragraph (2)” and inserting “subpara-
3 graph (B)”; and

4 (6) in subparagraph (B), as so redesignated, by
5 striking “paragraph (1)” and inserting “subpara-
6 graph (A)”.

7 (c) *CONFORMING AMENDMENTS.*—Title 46, United
8 States Code, is further amended—

9 (1) in section 53106(a)(2), by inserting “or sec-
10 tion 51307(b)” after “this section”;

11 (2) in section 53206(a)(2), by inserting “or sec-
12 tion 51307(b)” after “this section”; and

13 (3) in section 53406(a), by inserting “or section
14 51307(b)” after “this section”.

15 **SEC. 3515. REPORTS ON MATTERS RELATING TO THE**
16 **UNITED STATES MERCHANT MARINE ACAD-**
17 **EMY.**

18 (a) *REPORT ON IMPLEMENTATION OF NAPA REC-*
19 *COMMENDATIONS.*—

20 (1) *IN GENERAL.*—In accordance with para-
21 graph (3), the Secretary of Transportation shall sub-
22 mit to the appropriate congressional committees re-
23 ports on the status of the implementation of the rec-
24 ommendations specified in paragraph (4).

1 (2) *ELEMENTS.*—*Each report under paragraph*
2 *(1) shall include the following:*

3 (A) *A description of the status of the imple-*
4 *mentation of each recommendation specified in*
5 *paragraph (4), including whether the Sec-*
6 *retary—*

7 (i) *concurs with the recommendation;*

8 (ii) *partially concurs with the rec-*
9 *ommendation; or*

10 (iii) *does not concur with the rec-*
11 *ommendation.*

12 (B) *An explanation of—*

13 (i) *with respect to a recommendation*
14 *with which the Secretary concurs, the ac-*
15 *tions the Secretary intends to take to imple-*
16 *ment such recommendation, including—*

17 (I) *any rules, regulations, policies,*
18 *or other guidance that have been*
19 *issued, revised, changed, or cancelled as*
20 *a result of the implementation of the*
21 *recommendation; and*

22 (II) *any impediments to the im-*
23 *plementation of the recommendation;*

24 (ii) *with respect to a recommendation*
25 *with which the Secretary partially concurs,*

1 *the actions the Secretary intends to take to*
2 *implement the portion of such recommenda-*
3 *tion with which the Secretary concurs, in-*
4 *cluding—*

5 *(I) intermediate actions, milestone*
6 *dates, and the expected completion date*
7 *for the implementation of the portion*
8 *of the recommendation; and*

9 *(II) any rules, regulations, poli-*
10 *cies, or other guidance that are ex-*
11 *pected to be issued, revised, changed, or*
12 *cancelled as a result of the implemen-*
13 *tation of the portion of the rec-*
14 *ommendation;*

15 *(iii) with respect to a recommendation*
16 *with which the Secretary does not concur,*
17 *an explanation of why the Secretary does*
18 *not concur with such recommendation; and*

19 *(iv) any statutory changes that may be*
20 *necessary—*

21 *(I) to fully implement the rec-*
22 *ommendations specified in paragraph*
23 *(4) with which the Secretary concurs;*
24 *or*

1 (II) to partially implement the
2 recommendations specified in such
3 paragraph with which the Secretary
4 partially concurs.

5 (C) A visual depiction of the status of the
6 completion of the recommendations specified in
7 paragraph (4).

8 (3) *TIMING OF REPORTS.*—The Secretary of
9 Transportation shall submit an initial report under
10 paragraph (1) not later than 90 days after the date
11 of the enactment of this Act. Following the submittal
12 of the initial report, the Secretary shall submit up-
13 dated versions of the report not less frequently than
14 once every 180 days until the date on which the Sec-
15 retary submits to the appropriate congressional com-
16 mittees a certification that each recommendation
17 specified in paragraph (4)—

18 (A) with which the Secretary concurs—

19 (i) has been fully implemented; or

20 (ii) cannot be fully implemented, in-
21 cluding an explanation of why; and

22 (B) with which the Secretary partially con-
23 curs—

24 (i) has been partially implemented; or

1 (ii) cannot be partially implemented,
2 including an explanation of why.

3 (4) *RECOMMENDATIONS SPECIFIED.*—The rec-
4 ommendations specified in this paragraph are the rec-
5 ommendations set forth in the report prepared by a
6 panel of the National Academy of Public Administra-
7 tion pursuant to section 3513 of the National Defense
8 Authorization Act for Fiscal Year 2020 (Public Law
9 116–92; 133 Stat. 1979) titled “Organizational As-
10 sessment of the U.S. Merchant Marine Academy: A
11 Path Forward”, dated November 2021.

12 (b) *REPORT ON IMPLEMENTATION OF POLICY RELAT-*
13 *ING TO SEXUAL HARASSMENT AND OTHER MATTERS.*—Not
14 later than one year after the date of the enactment of this
15 Act, the Secretary of Transportation shall submit to the ap-
16 propriate congressional committees a report on the status
17 of the implementation the policy on sexual harassment, dat-
18 ing violence, domestic violence, sexual assault, and stalking
19 at the United States Merchant Marine Academy as required
20 under section 51318 of title 46, United States Code.

21 (c) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*
22 *FINED.*—In this section, the term “appropriate congres-
23 sional committees” means—

1 (1) *the Committee on Armed Services and the*
 2 *Committee on Commerce, Science, and Transpor-*
 3 *tation of the Senate; and*

4 (2) *the Committee on Armed Services and the*
 5 *Committee on Transportation and Infrastructure of*
 6 *the House of Representatives.*

7 ***Subtitle C—Vessels***

8 **SEC. 3521. WAIVER OF NAVIGATION AND VESSEL-INSPEC-** 9 **TION LAWS.**

10 *Section 501 of title 46, United States Code, is amend-*
 11 *ed—*

12 (1) *in subsection (b)(1) by inserting “on a vessel*
 13 *specific basis” after “those laws”; and*

14 (2) *in subsection (c)(1)—*

15 (A) *by inserting “and the individual re-*
 16 *questing such waiver (if not the owner or oper-*
 17 *ator of the vessel)” before “shall submit”;*

18 (B) *in subparagraph (C) by striking “and”;*

19 (C) *by redesignating subparagraphs (B),*
 20 *(C), and (D), as subparagraphs (C), (D), and*
 21 *(G), respectively;*

22 (D) *by inserting after subparagraph (A) the*
 23 *following:*

24 “(B) *the name of the owner and operator of*
 25 *the vessel;” and*

1 (E) by inserting after subparagraph (D), as
2 so redesignated, the following:

3 “(E) a description of the cargo carried;

4 “(F) an explanation as to why the waiver
5 is necessary in the interest of national defense;
6 and”.

7 **SEC. 3522. CERTIFICATES OF NUMBERS FOR UNDOCU-**
8 **MENTED VESSELS.**

9 Section 12304(a) of title 46, United States Code, is
10 amended—

11 (1) by striking “shall be pocketsized,”; and

12 (2) by inserting “in hard copy or digital form.

13 Any certificate issued in hard copy under this section
14 shall be pocketsized. The certificate shall be” after
15 “and may be”.

16 **SEC. 3523. RECAPITALIZATION OF NATIONAL DEFENSE RE-**
17 **SERVE FLEET.**

18 (a) *IN GENERAL.*—The Secretary of Transportation,
19 in consultation with the Chief of Naval Operations and the
20 Commandant of the Coast Guard, shall direct the Maritime
21 Administrator to carry out a program under which the Ad-
22 ministrato—

23 (1) shall complete the design of a roll-on, roll-off
24 cargo vessel for the National Defense Reserve Fleet to

1 *allow for the construction of such vessel to begin in*
2 *fiscal year 2024; and*

3 *(2) subject to the availability of appropriations,*
4 *shall have an entity enter into a contract for the con-*
5 *struction of not more than ten such vessels in accord-*
6 *ance with this section.*

7 *(b) CONSTRUCTION AND DOCUMENTATION REQUIRE-*
8 *MENTS.—A vessel constructed pursuant to this section shall*
9 *meet the requirements for and be issued a certificate of doc-*
10 *umentation and a coastwise endorsement under chapter 121*
11 *of title 46, United States Code.*

12 *(c) DESIGN STANDARDS AND CONSTRUCTION PRAC-*
13 *TICES.—Subject to subsection (b), a vessel constructed pur-*
14 *suant to this section shall be constructed using commercial*
15 *design standards and commercial construction practices*
16 *that are consistent with the best interests of the Federal*
17 *Government.*

18 *(d) CONSULTATION WITH OTHER FEDERAL ENTI-*
19 *TIES.—The Maritime Administrator may consult and co-*
20 *ordinate with the Secretary of the Navy regarding the vessel*
21 *described in subsection (a) and activities associated with*
22 *such vessel.*

23 *(e) CONTRACTING.—The Maritime Administrator shall*
24 *provide for an entity other than the Maritime Administra-*

1 *tion to contract for the construction of the vessel described*
 2 *in subsection (a).*

3 (f) *LIMITATION ON USE OF FUNDS FOR USED VES-*
 4 *SELS.—Amounts authorized to be appropriated by this or*
 5 *any other Act for use by the Maritime Administration to*
 6 *carry out this section may not be used for the procurement*
 7 *of any used vessel.*

8 (g) *BUY AMERICA REQUIREMENT.—Section 4864 of*
 9 *title 10, United States Code, shall apply to all components*
 10 *of a vessel constructed under this section.*

11 **SEC. 3524. CARGOES PROCURED, FURNISHED, OR FI-**
 12 **NANCED BY THE UNITED STATES GOVERN-**
 13 **MENT.**

14 (a) *IN GENERAL.—Section 55305 of title 46, United*
 15 *States Code, is amended—*

16 (1) *by striking subsection (a);*

17 (2) *by redesignating subsection (b) as subsection*
 18 *(a);*

19 (3) *in subsection (c)—*

20 (A) *by striking “The President” and insert-*
 21 *ing the following:*

22 “(1) *IN GENERAL.—The President*”; and

23 (B) *by adding at the end the following:*

24 “(2) *SUBMISSION TO CONGRESS.—At least once*
 25 *each fiscal year, the President or the Secretary of De-*

1 *fense, as applicable, shall submit to the appropriate*
2 *congressional committees, in writing, a notice of any*
3 *waiver granted under this subsection and the reasons*
4 *for granting such waiver.”;*

5 *(4) by redesignating subsections (c) through (e)*
6 *as subsections (d) through (f), respectively;*

7 *(5) by inserting after subsection (a) the fol-*
8 *lowing:*

9 *“(b) ELIGIBLE VESSELS.—To be eligible to carry cargo*
10 *under this section, a privately-owned commercial vessel—*

11 *“(1) shall be documented under the laws of the*
12 *United States for at least 3 years; or*

13 *“(2) may be documented under the laws of the*
14 *United States for less than 3 years if the vessel owner*
15 *signs an agreement with the Secretary providing*
16 *that—*

17 *“(A) the vessel shall remain documented*
18 *under the laws of the United States for at least*
19 *3 years; and*

20 *“(B) the vessel owner shall, upon request of*
21 *the Secretary, agree to enroll the vessel in an*
22 *Emergency Preparedness Program under chapter*
23 *531 or voluntary agreement authorized under*
24 *section 708 of the Defense Production Act of*
25 *1950 (50 U.S.C. 4558) and shall remain so en-*

1 *rolled until the vessel ceases to be documented*
2 *under the laws of the United States.*

3 “(c) *VIOLATION OF AGREEMENT.—*

4 “(1) *IN GENERAL.—A vessel under an agreement*
5 *described in subsection (b)(2) may be seized by and*
6 *forfeited to the United States if, in violation of such*
7 *agreement—*

8 “(A) *the vessel owner places the vessel under*
9 *foreign registry; or*

10 “(B) *a person operates the vessel under the*
11 *authority of a foreign country.*

12 “(2) *INAPPLICABILITY OF OTHER LAW.—Section*
13 *12112 of title 46, United States Code, shall not apply*
14 *to the seizure and forfeiture of a vessel pursuant to*
15 *paragraph (1).”;* and

16 (6) *by adding at the end the following:*

17 “(g) *AUDIT AND REPORT.—In carrying out this sec-*
18 *tion, the Secretary shall annually—*

19 “(1) *audit the list of vessels that are operating*
20 *under an agreement described in subsection (b)(2);*
21 *and*

22 “(2) *submit to Congress a report describing—*

23 “(A) *each of the vessels operating under*
24 *paragraph (2) of section 55305(b) and each*

1 *agreement signed by the Secretary pursuant to*
 2 *such paragraph;*

3 “(B) *the results of any audit described in*
 4 *paragraph (1); and*

5 “(C) *any other pertinent information that*
 6 *the Secretary determines to be of interest to Con-*
 7 *gress.”.*

8 ***(b) TECHNICAL AMENDMENT.—***

9 ***(1) CHAPTER ANALYSIS.—The analysis for chap-***
 10 ***ter 553 of title 46, United States Code, is amended***
 11 ***by striking the item relating to subchapter I and in-***
 12 ***serting the following:***

 “*SUBCHAPTER I—GOVERNMENT IMPELLED TRANSPORTATION*”.

13 ***(2) CARGOES PROCURED, FURNISHED, OR FI-***
 14 ***NANCED BY THE UNITED STATES GOVERNMENT.—Sec-***
 15 ***tion 55305(d)(2)(D) of title 46, United States Code,***
 16 ***is amended by striking “section 25(c)(1) of the Office***
 17 ***of Federal Procurement Policy Act (41 U.S.C.***
 18 ***1303(a)(1))” and inserting “section 1303(a)(1) of title***
 19 ***41, United States Code,”.***

20 ***Subtitle D—Reports and Other***
 21 ***Matters***

22 ***SEC. 3532. NATIONAL MARITIME TRANSPORTATION REPORT***
 23 ***AND STRATEGY.***

24 ***(a) NATIONAL MARITIME TRANSPORTATION RE-***
 25 ***PORT.—Not later than October 31, 2023, the Secretary of***

1 *Defense shall submit to the appropriate congressional com-*
2 *mittees a national maritime transportation report. Such re-*
3 *port shall include each of the following:*

4 (1) *An analysis of the causes for the decline in*
5 *the number of vessels documented under chapter 121*
6 *of title 46, United States Code and operating in the*
7 *international trade.*

8 (2) *An examination of the national security and*
9 *economic requirements for the United States merchant*
10 *marine during peacetime and during surge and sus-*
11 *tained national defense sealift that addresses—*

12 (A) *whether existing United States-flag*
13 *shipping, maritime labor, and shipbuilding and*
14 *repair capacity is sufficient to fulfill such sealift*
15 *requirements; and*

16 (B) *if such capacity is not sufficient, the ca-*
17 *capacity, including naval auxiliary ships, that*
18 *would be needed during a major conflict by—*

19 (i) *the military for strategic sealift;*

20 *and*

21 (ii) *the private sector to sustain the*
22 *economy.*

23 (3) *An evaluation of the contracting procedures*
24 *for United States Government cargo transport and a*
25 *determination of whether such policies ensure suffi-*

1 *cient access to vessels documented under chapter 121*
2 *of title 46, United States Code.*

3 (4) *A review of the objectives under section*
4 *50101(a) of title 46, United States Code, and a deter-*
5 *mination of the extent to which legislation, programs,*
6 *policies, and regulations adopted since the adoption of*
7 *such objectives in the Merchant Marine Act, 1936*
8 *have aligned with such objectives.*

9 (5) *A comparison between the subsidy programs*
10 *of other beneficial flag programs and the existing sup-*
11 *port programs in the United States.*

12 (b) *NATIONAL MARITIME TRANSPORTATION STRAT-*
13 *EGY.—Not later than October 31, 2024, the Secretary of De-*
14 *fense shall submit to the appropriate congressional commit-*
15 *tees a national maritime transportation strategy. Such*
16 *strategy shall include each of the following:*

17 (1) *Recommendations to encourage the growth of*
18 *shipping by United States-flag and United States-*
19 *owned vessels and the growth of the United States*
20 *shipbuilding industrial base that are—*

21 (A) *sufficient for national and economic se-*
22 *curity;*

23 (B) *consistent with the objectives and policy*
24 *under section 50101 of title 46, United States*
25 *Code;*

1 (C) compatible with international treaties
2 and agreements governing maritime safety, secu-
3 rity, and environmental protection; and

4 (D) compatible with rapidly evolving mari-
5 time transportation technology.

6 (2) Recommendations to increase the size of the
7 United States-flagged fleet and increase the pool of
8 United States mariners through—

9 (A) bolstering existing funding sources;

10 (B) new funding; or

11 (C) new programs.

12 (c) *INDEPENDENT ENTITY PREPARATION.*—The Sec-
13 retary of Defense shall seek to enter into an agreement with
14 an appropriate non-Department of Defense entity that spe-
15 cializes in maritime research under which such entity shall
16 prepare the report and strategy required under this section.

17 (d) *CONSULTATION REQUIREMENT.*—In carrying out
18 this section, the Secretary of Defense shall consult with—

19 (1) the Secretary of Transportation, acting
20 through the Maritime Administrator; and

21 (2) the Secretary of the Department in which the
22 Coast Guard operating, acting through the Com-
23 mandant of the Coast Guard.

1 (e) *APPROPRIATE CONGRESSIONAL COMMITTEES.*—In
 2 *this section, the term “appropriate congressional commit-*
 3 *tees” means—*

4 (1) *the Committee on Armed Services and the*
 5 *Committee on Transportation and Infrastructure of*
 6 *the House of the Representatives; and*

7 (2) *the Committee on Armed Services and the*
 8 *Committee on Commerce, Science and Transportation*
 9 *of the Senate.*

10 ***DIVISION D—FUNDING TABLES***

11 ***SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-*** 12 ***BLES.***

13 (a) *IN GENERAL.*—Whenever a funding table in this
 14 *division specifies a dollar amount authorized for a project,*
 15 *program, or activity, the obligation and expenditure of the*
 16 *specified dollar amount for the project, program, or activity*
 17 *is hereby authorized, subject to the availability of appro-*
 18 *priations.*

19 (b) *MERIT-BASED DECISIONS.*—

20 (1) *IN GENERAL.*—A decision to commit, obli-
 21 *gate, or expend funds with or to a specific entity on*
 22 *the basis of a dollar amount authorized pursuant to*
 23 *subsection (a) shall—*

24 (A) *except as provided in paragraph (2), be*
 25 *based on merit-based selection procedures in ac-*

1 cordance with the requirements of sections
2 2304(k) and 2374 of title 10, United States Code,
3 or on competitive procedures; and

4 (B) comply with other applicable provisions
5 of law.

6 (2) *EXCEPTION.*—Paragraph (1)(A) does not
7 apply to a decision to commit, obligate, or expend
8 funds on the basis of a dollar amount authorized pur-
9 suant to subsection (a) if the project, program, or ac-
10 tivity involved—

11 (A) is listed in section 4201; and

12 (B) is identified as Community Project
13 Funding through the inclusion of the abbrevia-
14 tion “CPF” immediately before the name of the
15 project, program, or activity.

16 (c) *RELATIONSHIP TO TRANSFER AND PROGRAMMING*
17 *AUTHORITY.*—An amount specified in the funding tables in
18 this division may be transferred or reprogrammed under
19 a transfer or reprogramming authority provided by another
20 provision of this Act or by other law. The transfer or re-
21 programming of an amount specified in such funding tables
22 shall not count against a ceiling on such transfers or
23 reprogrammings under section 1001 of this Act or any other
24 provision of law, unless such transfer or reprogramming
25 would move funds between appropriation accounts.

1 (d) *APPLICABILITY TO CLASSIFIED ANNEX.—This sec-*
 2 *tion applies to any classified annex that accompanies this*
 3 *Act.*

4 (e) *ORAL AND WRITTEN COMMUNICATIONS.—No oral*
 5 *or written communication concerning any amount specified*
 6 *in the funding tables in this division shall supersede the*
 7 *requirements of this section.*

8 **TITLE XLI—PROCUREMENT**

9 **SEC. 4101. PROCUREMENT.**

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
<i>Line</i>	<i>Item</i>	FY 2023 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
002	MQ-1 UAV		350,000
	Program increase—MQ-1 for Army National Guard		[350,000]
005	SMALL UNMANNED AIRCRAFT SYSTEMS	10,598	20,598
	Short Range Reconnaissance acceleration		[10,000]
ROTARY			
007	AH-64 APACHE BLOCK IIIA REMAN	524,661	524,661
008	AH-64 APACHE BLOCK IIIA REMAN AP	169,218	169,218
010	UH-60 BLACKHAWK M MODEL (MYP)	650,406	706,806
	Add 2 aircraft—combat loss replacement		[37,400]
	Unjustified growth—program management administration		[−1,000]
011	UH-60 BLACKHAWK M MODEL (MYP) AP	68,147	68,147
012	UH-60 BLACK HAWK L AND V MODELS	178,658	178,658
013	CH-47 HELICOPTER	169,149	366,849
	Three additional aircraft		[197,700]
014	CH-47 HELICOPTER AP	18,749	18,749
MODIFICATION OF AIRCRAFT			
016	MQ-1 PAYLOAD	57,700	177,700
	Program increase—recapitalize 12 MQ-1 aircraft		[120,000]
018	GRAY EAGLE MODS2	13,038	13,038
019	MULTI SENSOR ABN RECON	21,380	21,380
020	AH-64 MODS	85,840	122,849
	AH-64 Link 16 modifications		[22,009]
	Manned-unmanned teaming		[15,000]
021	CH-47 CARGO HELICOPTER MODS (MYP)	11,215	36,215
	Degraded visual environment system		[25,000]
024	EMARSS SEMA MODS	1,591	1,591
026	UTILITY HELICOPTER MODS	21,346	33,346
	Load stabilization systems		[12,000]
027	NETWORK AND MISSION PLAN	44,526	44,026
	Unjustified growth—program management administration		[−500]
028	COMMS, NAV SURVEILLANCE	72,387	72,387
030	AVIATION ASSURED PNT	71,130	71,130
031	GATM ROLLUP	14,683	14,683
GROUND SUPPORT AVIONICS			
034	AIRCRAFT SURVIVABILITY EQUIPMENT	167,927	167,927
035	SURVIVABILITY CM	6,622	6,622
036	CMWS	107,112	107,112
037	COMMON INFRARED COUNTERMEASURES (CIRCM)	288,209	288,209
OTHER SUPPORT			
039	COMMON GROUND EQUIPMENT	20,823	20,823
040	AIRCREW INTEGRATED SYSTEMS	25,773	25,773
041	AIR TRAFFIC CONTROL	27,492	27,492
042	LAUNCHER, 2.75 ROCKET	1,275	1,275
	TOTAL AIRCRAFT PROCUREMENT, ARMY	2,849,655	3,657,264
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SEN	4,260	4,260

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
002	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SEN AP	9,200	9,200
003	M-SHORAD—PROCUREMENT	135,747	410,809
	Additional units—Army UPL		[111,100]
	Hellfire pod replacement—Army UPL		[55,740]
	Production line—Army UPL		[108,222]
004	MSE MISSILE	1,037,093	1,037,093
005	PRECISION STRIKE MISSILE (PRSM)	213,172	213,172
006	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	18,924	20,174
	Force Protection Systems—Indirect Fire Protection Capability		[1,250]
	AIR-TO-SURFACE MISSILE SYSTEM		
007	HELLFIRE SYS SUMMARY	111,294	111,294
008	JOINT AIR-TO-GROUND MSLs (JAGM)	216,030	216,030
010	LONG-RANGE HYPERSONIC WEAPON	249,285	249,285
	ANTI-TANK/ASSAULT MISSILE SYS		
011	JAVELIN (AAWS-M) SYSTEM SUMMARY	162,968	258,868
	Program increase—CLU		[95,900]
012	TOW 2 SYSTEM SUMMARY	105,423	105,423
013	GUIDED MLRS ROCKET (GMLRS)	785,028	750,028
	Prior Year carryover		[-35,000]
014	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	4,354	4,354
015	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	155,705	155,705
016	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	37,937	112,937
	Procurement of Switchblade 600 variant		[75,000]
	MODIFICATIONS		
017	PATRIOT MODS	253,689	1,253,689
	4 Additional Fire Units to Equip 16th Patriot Battalion		[1,000,000]
020	ITAS/TOW MODS	5,154	5,154
021	MLRS MODS	218,359	208,359
	Program decrease		[-10,000]
022	HIMARS MODIFICATIONS	20,468	20,468
	SPARES AND REPAIR PARTS		
023	SPARES AND REPAIR PARTS	6,508	6,508
	SUPPORT EQUIPMENT & FACILITIES		
024	AIR DEFENSE TARGETS	11,317	11,317
	TOTAL MISSILE PROCUREMENT, ARMY	3,761,915	5,164,127
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
001	ARMORED MULTI PURPOSE VEHICLE (AMPV)	380,677	780,677
	Program increase		[400,000]
002	ASSAULT BREACHER VEHICLE (ABV)	3,852	3,852
003	MOBILE PROTECTED FIREPOWER	356,708	356,708
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	STRYKER UPGRADE	671,271	891,171
	Program increase modifications—Army UPL		[219,900]
005	BRADLEY PROGRAM (MOD)	279,531	335,631
	Improved Bradley Acquisition Subsystem upgrade—Army UPL		[56,100]
006	M109 FOV MODIFICATIONS	3,028	3,028
007	PALADIN INTEGRATED MANAGEMENT (PIM)	493,003	653,003
	Procure 40 additional sets		[160,000]
008	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	138,759	138,759
012	JOINT ASSAULT BRIDGE	36,990	36,990
014	ABRAMS UPGRADE PROGRAM	656,340	1,289,934
	Program increase modifications—Army UPL		[108,994]
	Program increase upgrades—Army UPL		[524,600]
	WEAPONS & OTHER COMBAT VEHICLES		
017	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S	26,627	26,627
018	MORTAR SYSTEMS	8,516	8,516
019	LOCATION & AZIMUTH DETERMINATION SYSTEM (LADS)	48,301	48,301
020	XM320 GRENADE LAUNCHER MODULE (GLM)	11,703	11,703
021	PRECISION SNIPER RIFLE	6,436	6,436
024	NEXT GENERATION SQUAD WEAPON	221,293	221,293
	MOD OF WEAPONS AND OTHER COMBAT VEH		
028	M777 MODS	3,374	3,374
029	M4 CARBINE MODS		8,000
	M4 Carbine Upper Receivers		[8,000]
033	M119 MODIFICATIONS	2,263	2,263
	SUPPORT EQUIPMENT & FACILITIES		
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	2,138	2,138
037	PRODUCTION BASE SUPPORT (WOCV-WTCV)	225,220	225,220
	TOTAL PROCUREMENT OF W&TCV, ARMY	3,576,030	5,053,624
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	59,447	71,067
	Program increase		[11,620]
002	CTG, 7.62MM, ALL TYPES	90,019	110,589
	Program increase		[20,570]

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Line	Item	FY 2023 Request	House Authorized
003	NEXT GENERATION SQUAD WEAPON AMMUNITION	128,662	128,662
004	CTG, HANDGUN, ALL TYPES	317	317
005	CTG, .50 CAL, ALL TYPES	35,849	65,355
	Program increase		[29,506]
006	CTG, 20MM, ALL TYPES	11,761	21,761
	CRAM Program increase		[10,000]
007	CTG, 25MM, ALL TYPES	10,270	10,270
008	CTG, 30MM, ALL TYPES	143,045	163,045
	Program increase—M-SHORAD ground vehicle programs		[20,000]
009	CTG, 40MM, ALL TYPES	85,213	85,213
	MORTAR AMMUNITION		
010	60MM MORTAR, ALL TYPES	33,338	33,338
011	81MM MORTAR, ALL TYPES	56,577	56,577
012	120MM MORTAR, ALL TYPES	127,168	127,168
	TANK AMMUNITION		
013	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	296,943	293,443
	120mm MPT—Unit cost growth		[-3,500]
	ARTILLERY AMMUNITION		
014	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES	7,647	5,647
	Artillery Cartridge unit cost growth		[-2,000]
015	ARTILLERY PROJECTILE, 155MM, ALL TYPES	182,455	172,455
	Proj Arty 155mm HE RAP M1210—Early to need		[-10,000]
017	PRECISION ARTILLERY MUNITIONS	166,334	166,334
018	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	143,763	143,763
	MINES		
019	MINES & CLEARING CHARGES, ALL TYPES	80,920	65,920
	M58A4 Linear Demolition Charge—Program Reduction		[-10,000]
	MK22 rocket—Program Reduction		[-5,000]
020	CLOSE TERRAIN SHAPING OBSTACLE	53,579	53,579
	ROCKETS		
021	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	18,159	18,159
022	ROCKET, HYDRA 70, ALL TYPES	171,697	171,697
	OTHER AMMUNITION		
023	CAD/PAD, ALL TYPES	7,643	7,643
024	DEMOLITION MUNITIONS, ALL TYPES	29,796	29,796
025	GRENADES, ALL TYPES	36,251	36,251
026	SIGNALS, ALL TYPES	13,852	13,852
027	SIMULATORS, ALL TYPES	9,350	9,350
028	REACTIVE ARMOR TILES		6,025
	Additional Bradley tiles—Army UPL		[6,025]
	MISCELLANEOUS		
029	AMMO COMPONENTS, ALL TYPES	3,823	3,823
030	ITEMS LESS THAN \$5 MILLION (AMMO)	19,921	19,921
031	AMMUNITION PECULIAR EQUIPMENT	13,001	13,001
032	FIRST DESTINATION TRANSPORTATION (AMMO)	17,528	17,528
033	CLOSEOUT LIABILITIES	101	101
	PRODUCTION BASE SUPPORT		
034	INDUSTRIAL FACILITIES	499,613	678,063
	Construction of Automated Contaminated Waste Plant, Lake City AAP		[10,000]
	Construction of Electrical System Upgrade Phase I, Scranton AAP		[3,000]
	Construction of Erie 1—Unload Manipulator, Scranton AAP		[700]
	Construction of Forge Shop – Process Snog Removal System, Scranton AAP		[500]
	Construction of Forge Shop—Replace Pipes (Subway Area), Scranton AAP		[1,250]
	Construction of Industrial Sewer Modernization, Iowa AAP		[1,600]
	Construction of Infrastructure Repairs Phase I, Scranton AAP		[4,300]
	Construction of Infrastructure Repairs Phase II, Scranton AAP		[3,030]
	Construction of Medium Cal X-Ray Equipment & Infrastructure, Iowa AAP		[2,400]
	Construction of Replace Internal Water/Condensate Lines, Bldgs 1, 2, & 3, Lake City AAP		[8,530]
	Construction of Small Caliber Automated Primer Design, Lake City AAP		[8,000]
	Construction of Storage Yard K Mod & Automation, Iowa AAP		[3,300]
	Construction of Ultra Violet Fire Detection System, Iowa AAP		[3,740]
	Construction of Upgrade Laundry Facility, Holston AAP		[5,600]
	Construction of Water Distribution System, Radford AAP		[25,000]
	Construction of Water In-take Pumps (B. 407), Radford AAP		[2,500]
	Urgent Safety Upgrades to LCAAP		[95,000]
035	CONVENTIONAL MUNITIONS DEMILITARIZATION	80,970	80,970
036	ARMS INITIATIVE	4,039	4,039
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	2,639,051	2,884,722
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
002	SEMITRAILERS, FLATBED:	23,021	23,021
003	SEMITRAILERS, TANKERS	21,869	21,869
004	HI MOB MULTI-PURP WHLD VEH (HMMWV)	6,121	6,121
005	GROUND MOBILITY VEHICLES (GMV)	34,316	47,116
	Program increase		[12,800]
007	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL	703,110	703,110

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Line	Item	FY 2023 Request	House Authorized
008	TRUCK, DUMP, 20T (CCE)		30,000
	Program increase		[30,000]
009	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	74,086	157,746
	Program increase		[83,660]
010	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C)	23,772	23,772
011	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	39,950	39,950
012	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	96,112	239,612
	Program increase		[143,500]
013	PLS ESP	54,674	54,674
016	MODIFICATION OF IN SVC EQUIP	31,819	214,819
	HMMWV safety upgrades		[183,000]
	NON-TACTICAL VEHICLES		
017	PASSENGER CARRYING VEHICLES	1,286	1,286
018	NONTACTICAL VEHICLES, OTHER	15,059	15,059
	COMM—JOINT COMMUNICATIONS		
019	SIGNAL MODERNIZATION PROGRAM	179,853	169,853
	Equipment Cost Growth		[-5,000]
	Software Cost Growth		[-5,000]
020	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	382,007	417,007
	Program acceleration (mobile networking for three maneuver battalions)		[35,000]
022	DISASTER INCIDENT RESPONSE COMMS TERMINAL (DI)	4,066	4,066
023	JCSE EQUIPMENT (USRDECOM)	5,505	5,505
	COMM—SATELLITE COMMUNICATIONS		
026	DEFENSE ENTERPRISE WIDERAND SATCOM SYSTEMS	107,228	107,228
027	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	119,259	119,259
028	SHF TERM	23,173	23,173
029	ASSURED POSITIONING, NAVIGATION AND TIMING	184,911	204,911
	MAPS—Army UPL		[20,000]
030	EHF SATELLITE COMMUNICATION	5,853	5,853
031	SMART-T (SPACE)	4,916	4,916
032	GLOBAL BRDCST SVC—GBS	3,179	3,179
	COMM—C3 SYSTEM		
034	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	94,287	87,287
	Unjustified cost growth		[-7,000]
	COMM—COMBAT COMMUNICATIONS		
035	HANDHELD MANPACK SMALL FORM FIT (HMS)	728,366	728,366
037	ARMY LINK 16 SYSTEMS	47,581	47,581
039	UNIFIED COMMAND SUITE	20,178	20,178
040	COTS COMMUNICATIONS EQUIPMENT	320,595	320,595
041	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	7,621	7,621
042	ARMY COMMUNICATIONS & ELECTRONICS	59,705	59,705
	COMM—INTELLIGENCE COMM		
043	CI AUTOMATION ARCHITECTURE-INTEL	13,891	13,891
045	MULTI-DOMAIN INTELLIGENCE	20,637	20,637
	INFORMATION SECURITY		
046	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	1,019	1,019
047	COMMUNICATIONS SECURITY (COMSEC)	125,692	125,692
049	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO	1,796	1,796
051	BIOMETRIC ENABLING CAPABILITY (BEC)	816	816
052	ARCYBER DEFENSIVE CYBER OPERATIONS	18,239	18,239
	COMM—LONG HAUL COMMUNICATIONS		
054	BASE SUPPORT COMMUNICATIONS	10,262	25,262
	CONUS land mobile radio		[15,000]
	COMM—BASE COMMUNICATIONS		
055	INFORMATION SYSTEMS	116,522	140,522
	IT Network Refresh		[24,000]
056	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	5,036	5,036
059	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	214,806	214,806
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
062	TITAN	84,821	0
	Army requested realignment to OPA line 66		[-19,680]
	Army Requested Realignment to RDTE		[-50,900]
	Funding ahead of need		[-14,241]
063	JTT/CIBS-M	2,352	2,352
064	TERRESTRIAL LAYER SYSTEMS (TLS)	88,915	88,915
066	DCGS-A-INTEL	76,771	116,451
	Additional systems—Army UPL		[20,000]
	Army requested realignment from OPA line 62		[19,680]
067	JOINT TACTICAL GROUND STATION (JTAGS)-INTEL	349	349
068	TROJAN	20,562	69,282
	Add 15—Army UPL		[48,720]
069	MOD OF IN-SVC EQUIP (INTEL SPT)	30,424	59,724
	Prophet Enhanced ESP Kits		[20,000]
	Service Tactical SIGINT upgrades—INDOPACOM UPL		[9,300]
070	BIOMETRIC TACTICAL COLLECTION DEVICES	2,269	2,269
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
073	AIR VIGILANCE (AV)	5,688	5,688
074	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST	3,060	3,060

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Line	Item	FY 2023 Request	House Authorized
076	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	19,519	19,519
077	CI MODERNIZATION	437	437
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
078	SENTINEL MODS	166,736	166,736
079	NIGHT VISION DEVICES	424,253	619,953
	ENVGB program extension		[100,000]
	IVAS—Army UPL		[95,700]
080	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	11,357	11,357
082	FAMILY OF WEAPON SIGHTS (FWS)	202,258	194,258
	Program decrease		[-8,000]
083	ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE	5,116	5,116
084	FORWARD LOOKING INFRARED (FLIR)	37,914	37,914
085	COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)	326,364	448,364
	Coyote BLK2+ interceptors—Army UPL		[122,000]
086	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	186,515	176,515
	Program growth		[-10,000]
087	JOINT EFFECTS TARGETING SYSTEM (JETS)	10,304	10,304
088	COMPUTER BALLISTICS: LHMCB XM32	3,038	3,038
089	MORTAR FIRE CONTROL SYSTEM	4,879	4,879
090	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	4,370	4,370
091	COUNTERFIRE RADARS	162,208	162,208
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
092	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE (.....)	60,455	60,455
093	FIRE SUPPORT C2 FAMILY	9,676	9,676
094	AIR & MSL DEFENSE PLANNING & CONTROL SYS	72,619	72,619
095	LAMD BATTLE COMMAND SYSTEM	438,967	438,967
096	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,586	4,586
097	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	37,199	37,199
098	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	4,102	4,102
099	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP)	6,926	6,926
101	MOD OF IN-SVC EQUIPMENT (ENFIRE)	4,076	15,076
	GPS laser leveling system		[11,000]
	ELECT EQUIP—AUTOMATION		
102	ARMY TRAINING MODERNIZATION	8,033	8,033
103	AUTOMATED DATA PROCESSING EQUIP	96,554	106,554
	AFRICOM Enterprise C2 Network Resiliency		[10,000]
104	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	43,767	33,767
	Insufficient justification		[-10,000]
105	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	97	97
106	HIGH PERF COMPUTING MOD PGM (HPCMP)	73,655	73,655
107	CONTRACT WRITING SYSTEM	17,701	17,701
108	CSS COMMUNICATIONS	88,141	88,141
	ELECT EQUIP—SUPPORT		
111	BCT EMERGING TECHNOLOGIES	12,853	12,853
	CLASSIFIED PROGRAMS		
111A	CLASSIFIED PROGRAMS	1,596	1,596
	CHEMICAL DEFENSIVE EQUIPMENT		
113	BASE DEFENSE SYSTEMS (BDS)	47,960	47,960
114	CBRN DEFENSE	56,129	56,129
	BRIDGING EQUIPMENT		
116	TACTICAL BRIDGING	13,785	13,785
118	BRIDGE SUPPLEMENTAL SET	6,774	6,774
119	COMMON BRIDGE TRANSPORTER (CBT) RECAP	10,379	10,379
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
124	ROBOTICS AND APPLIQUE SYSTEMS	52,340	37,340
	SMETS program delay		[-15,000]
	COMBAT SERVICE SUPPORT EQUIPMENT		
127	HEATERS AND ECUS	7,672	7,672
129	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	4,691	4,691
130	GROUND SOLDIER SYSTEM	124,953	124,953
131	MOBILE SOLDIER POWER	15,933	15,933
132	FORCE PROVIDER		58,000
	Program increase		[58,000]
134	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	42,444	42,444
136	ITEMS LESS THAN \$5M (ENG SPT)	4,155	4,155
	PETROLEUM EQUIPMENT		
137	QUALITY SURVEILLANCE EQUIPMENT	2,845	2,845
138	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	26,433	45,733
	Modular Fuel System—Tank Rack Module - Army UPL		[19,300]
	MEDICAL EQUIPMENT		
139	COMBAT SUPPORT MEDICAL	75,606	75,606
	MAINTENANCE EQUIPMENT		
140	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	3,936	3,936
	CONSTRUCTION EQUIPMENT		
147	ALL TERRAIN CRANES	31,341	31,341
148	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)		18,300
	Program increase		[18,300]
149	FAMILY OF DIVER SUPPORT EQUIPMENT	3,256	3,256

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150	CONST EQUIP ESP	9,104	9,104
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
151	ARMY WATERCRAFT ESP	47,889	47,889
152	MANEUVER SUPPORT VESSEL (MSV)	104,676	104,676
153	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	10,131	10,131
	GENERATORS		
154	GENERATORS AND ASSOCIATED EQUIP	54,400	54,400
155	TACTICAL ELECTRIC POWER RECAPITALIZATION	8,293	8,293
	MATERIAL HANDLING EQUIPMENT		
156	FAMILY OF FORKLIFTS	8,819	8,819
	TRAINING EQUIPMENT		
157	COMBAT TRAINING CENTERS SUPPORT	48,046	48,046
158	TRAINING DEVICES, NONSYSTEM	201,966	194,966
	Program decrease		[-7,000]
159	SYNTHETIC TRAINING ENVIRONMENT (STE)	255,670	295,670
	One World Terrain (STE-OWT)—Army UPL		[40,000]
160	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	9,546	9,546
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
162	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	36,514	36,514
164	TEST EQUIPMENT MODERNIZATION (TEMOD)	32,734	32,734
	OTHER SUPPORT EQUIPMENT		
166	PHYSICAL SECURITY SYSTEMS (OPA3)	102,556	110,706
	Force Protection Systems—Physical Security Systems		[14,150]
	Program decrease		[-6,000]
167	BASE LEVEL COMMON EQUIPMENT	31,417	31,417
168	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	24,047	24,047
169	BUILDING, PRE-FAB, RELOCATABLE	32,151	32,151
170	SPECIAL EQUIPMENT FOR TEST AND EVALUATION	84,779	80,779
	Program decrease		[-4,000]
	OPA2		
172	INITIAL SPARES—C&E	10,463	10,463
	TOTAL OTHER PROCUREMENT, ARMY	8,457,509	9,448,798
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
001	F/A-18E/F (FIGHTER) HORNET	90,865	737,065
	8 aircraft—USNR		[666,000]
	Program decrease		[-19,800]
002	JOINT STRIKE FIGHTER CV	1,663,515	1,704,115
	TR-3 Organic Depot Standup		[40,600]
003	JOINT STRIKE FIGHTER CV AP	387,596	387,596
004	JSF STOVL	1,909,635	1,950,235
	TR-3 Organic Depot Standup		[40,600]
005	JSF STOVL AP	200,118	200,118
006	CH-53K (HEAVY LIFT)	1,669,986	1,913,986
	Add 2 aircraft		[250,000]
	Unjustified cost growth—Other ILS		[-2,000]
	Unjustified cost growth—Pubs/ Tech data		[-4,000]
007	CH-53K (HEAVY LIFT) AP	357,824	357,824
008	V-22 (MEDIUM LIFT)	31,795	243,795
	Unit quantity increase—2 aircraft		[212,000]
011	P-8A POSEIDON	41,521	31,521
	Program decrease		[-10,000]
012	E-2D ADV HAWKEYE	842,401	1,242,301
	2 additional E-2D aircraft—Navy UPL		[399,900]
	TRAINER AIRCRAFT		
014	MULTI-ENGINE TRAINING SYSTEM (METS)	123,217	123,217
015	ADVANCED HELICOPTER TRAINING SYSTEM	119,816	119,816
	OTHER AIRCRAFT		
016	KC-130J	439,501	1,138,601
	2 additional USMC C-130 aircraft—USMC UPL		[252,900]
	3 additional Navy C-130 aircraft—Navy UPL		[446,200]
017	KC-130J AP	29,122	44,522
	Advanced Procurement for USMC aircraft—USMC UPL		[15,400]
019	MQ-4 TRITON	587,820	567,820
	Program decrease		[-20,000]
020	MQ-4 TRITON AP	75,235	75,235
021	MQ-8 UAV		21,000
	Costs associated with restoring 5 LCS		[21,000]
022	STUASL0 UAV	2,703	2,703
023	MQ-25	696,713	696,713
024	MQ-25 AP	51,463	51,463
025	MARINE GROUP 5 UAS	103,882	93,882
	Program decrease		[-10,000]
	MODIFICATION OF AIRCRAFT		
027	F-18 A-D UNIQUE	141,514	141,514
028	F-18E/F AND EA-18G MODERNIZATION AND SUSTAINM	572,681	572,681
029	MARINE GROUP 5 UAS SERIES	86,116	86,116

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Line	Item	FY 2023 Request	House Authorized
030	AEA SYSTEMS	25,058	25,058
031	AV-8 SERIES	26,637	26,637
032	INFRARED SEARCH AND TRACK (IRST)	144,699	144,699
033	ADVERSARY	105,188	105,188
034	F-18 SERIES	480,663	480,663
035	H-53 SERIES	40,151	40,151
036	MH-60 SERIES	126,238	126,238
037	H-1 SERIES	122,498	135,798
	H-1 Digital Interoperability (DI) Link-16		[13,300]
038	EP-3 SERIES	8,492	8,492
039	E-2 SERIES	188,897	188,897
040	TRAINER A/C SERIES	9,568	9,568
042	C-130 SERIES	132,170	132,170
043	FEWSG	695	695
044	CARGO/TRANSPORT A/C SERIES	10,902	10,902
045	E-6 SERIES	129,049	129,049
046	EXECUTIVE HELICOPTERS SERIES	55,265	55,265
047	T-45 SERIES	201,670	201,670
048	POWER PLANT CHANGES	24,685	24,685
049	JPATS SERIES	19,780	19,780
050	AVIATION LIFE SUPPORT MODS	1,143	1,143
051	COMMON ECM EQUIPMENT	129,722	129,722
052	COMMON AVIONICS CHANGES	136,883	136,883
053	COMMON DEFENSIVE WEAPON SYSTEM	6,373	6,373
054	ID SYSTEMS	3,828	3,828
055	P-8 SERIES	249,342	310,042
	2 additional kits for P-8 increment 3—Navy UPL		[60,700]
056	MAGTF EW FOR AVIATION	24,684	24,684
057	MQ-8 SERIES	9,846	17,146
	Costs associated with restoring 5 LCS		[7,300]
058	V-22 (TILT/ROTOR ACFT) OSPREY	207,621	290,121
	V-22 Nacelle Improvement		[82,500]
059	NEXT GENERATION JAMMER (NGJ)	401,563	468,563
	Program increase—2 shipsets - Navy UPL		[67,000]
060	F-35 STOVL SERIES	216,356	216,356
061	F-35 CV SERIES	208,336	208,336
062	QRC	47,864	47,864
063	MQ-4 SERIES	94,738	94,738
064	RQ-21 SERIES	6,576	6,576
	AIRCRAFT SPARES AND REPAIR PARTS		
068	SPARES AND REPAIR PARTS	1,872,417	2,071,365
	Costs associated with restoring 5 LCS		[1,200]
	F-35B Engine/Lift System—USMC UPL		[117,000]
	MH-60R spares		[23,143]
	MH-60S spares		[7,605]
	Various systems—Navy UPL		[50,000]
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
069	COMMON GROUND EQUIPMENT	542,214	542,214
070	AIRCRAFT INDUSTRIAL FACILITIES	101,539	101,539
071	WAR CONSUMABLES	40,316	40,316
072	OTHER PRODUCTION CHARGES	46,403	46,403
073	SPECIAL SUPPORT EQUIPMENT	423,280	423,280
	TOTAL AIRCRAFT PROCUREMENT, NAVY	16,848,428	19,556,976
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,125,164	1,125,164
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	7,767	7,767
	STRATEGIC MISSILES		
003	TOMAHAWK	160,190	403,790
	Expeditionary VLS Reload System—Navy UPL		[1,600]
	Unit quantity increase		[242,000]
	TACTICAL MISSILES		
004	AMRAAM	335,900	335,900
005	SIDEWINDER	63,288	89,188
	Additional missiles—Navy UPL		[25,900]
006	STANDARD MISSILE	489,123	489,123
008	JASSM	58,481	58,481
009	SMALL DIAMETER BOMB II	108,317	108,317
010	RAM	92,131	92,131
011	JOINT AIR GROUND MISSILE (JAGM)	78,395	78,395
012	HELLFIRE	6,603	6,603
013	AERIAL TARGETS	183,222	183,222
014	DRONES AND DECOYS	62,930	62,930
015	OTHER MISSILE SUPPORT	3,524	3,524
016	LRASM	226,022	259,122
	Additional missiles—Navy UPL		[33,100]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
017	NAVAL STRIKE MISSILE (NSM)	59,034	59,034
	MODIFICATION OF MISSILES		
018	TOMAHAWK MODS	435,308	435,308
019	ESSM	282,035	282,035
020	AARGM	131,275	131,275
021	STANDARD MISSILES MODS	71,198	71,198
	SUPPORT EQUIPMENT & FACILITIES		
022	WEAPONS INDUSTRIAL FACILITIES	1,976	1,976
	ORDNANCE SUPPORT EQUIPMENT		
025	ORDNANCE SUPPORT EQUIPMENT	40,793	40,793
	TORPEDOES AND RELATED EQUIP		
026	SSTD	3,789	3,789
027	MK-48 TORPEDO	151,128	200,128
	<i>MK 48 Heavyweight Torpedo Procurement—Navy UPL</i>		[49,000]
028	ASW TARGETS	14,403	14,403
	MOD OF TORPEDOES AND RELATED EQUIP		
029	MK-54 TORPEDO MODS	106,772	126,772
	<i>Program increase</i>		[20,000]
030	MK-48 TORPEDO ADCAP MODS	18,502	18,502
031	MARITIME MINES	9,282	9,282
	SUPPORT EQUIPMENT		
032	TORPEDO SUPPORT EQUIPMENT	87,044	87,044
033	ASW RANGE SUPPORT	3,965	3,965
	DESTINATION TRANSPORTATION		
034	FIRST DESTINATION TRANSPORTATION	5,315	5,315
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	13,859	13,859
	MODIFICATION OF GUNS AND GUN MOUNTS		
036	CIWS MODS	2,655	2,655
037	COAST GUARD WEAPONS	34,259	34,259
038	GUN MOUNT MODS	81,725	81,725
039	LCS MODULE WEAPONS	4,580	4,580
040	AIRBORNE MINE NEUTRALIZATION SYSTEMS	8,710	8,710
	SPARES AND REPAIR PARTS		
042	SPARES AND REPAIR PARTS	170,041	170,041
	TOTAL WEAPONS PROCUREMENT, NAVY	4,738,705	5,110,305
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	47,198	47,198
002	JDAM	76,688	76,688
003	AIRBORNE ROCKET, ALL TYPES	70,005	70,005
004	MACHINE GUN AMMUNITION	20,586	20,586
005	PRACTICE BOMBS	51,109	51,109
006	CARTRIDGES & CART ACTUATED DEVICES	72,534	72,534
007	AIR EXPENDABLE COUNTERMEASURES	114,475	114,475
008	JATOS	7,096	7,096
009	5 INCH/54 GUN AMMUNITION	30,018	30,018
010	INTERMEDIATE CALIBER GUN AMMUNITION	40,089	40,089
011	OTHER SHIP GUN AMMUNITION	42,707	42,707
012	SMALL ARMS & LANDING PARTY AMMO	49,023	49,023
013	PYROTECHNIC AND DEMOLITION	9,480	9,480
014	AMMUNITION LESS THAN \$5 MILLION	1,622	1,622
	MARINE CORPS AMMUNITION		
015	MORTARS	71,214	71,214
016	DIRECT SUPPORT MUNITIONS	65,169	65,169
017	INFANTRY WEAPONS AMMUNITION	225,271	225,271
018	COMBAT SUPPORT MUNITIONS	19,691	19,691
019	AMMO MODERNIZATION	17,327	17,327
020	ARTILLERY MUNITIONS	15,514	15,514
021	ITEMS LESS THAN \$5 MILLION	5,476	5,476
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	1,052,292	1,052,292
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
001	OHIO REPLACEMENT SUBMARINE	3,079,223	3,079,223
002	OHIO REPLACEMENT SUBMARINE AP	2,778,553	2,778,553
	OTHER WARSHIPS		
003	CARRIER REPLACEMENT PROGRAM	1,481,530	1,466,530
	<i>Program decrease</i>		[-15,000]
004	CVN-81	1,052,024	1,037,024
	<i>Program decrease</i>		[-15,000]
005	VIRGINIA CLASS SUBMARINE	4,534,184	4,534,184
006	VIRGINIA CLASS SUBMARINE AP	2,025,651	2,025,651
008	CVN REFUELING OVERHAULS AP	618,295	618,295
009	DDG 1000	72,976	72,976
010	DDG-51	4,376,537	5,814,806
	<i>Large Surface Combatant Shipyard Infrastructure</i>		[250,000]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	One additional ship		[1,188,269]
011	DDG-51 AP	618,352	748,352
	Third DDG in FY 2024		[130,000]
013	FFG-FRIGATE	1,085,224	2,082,473
	One additional ship		[923,849]
	Wholeness for FFG-62 Procurement—Navy UPL		[73,400]
014	FFG-FRIGATE AP	74,949	74,949
	AMPHIBIOUS SHIPS		
015	LPD FLIGHT II	1,673,000	1,673,000
016	LPD FLIGHT II AP		250,000
	LPD-33 Advanced Procurement		[250,000]
020	LHA REPLACEMENT	1,085,470	1,374,470
	LHA 10 advance procurement		[289,000]
021	EXPEDITIONARY FAST TRANSPORT (EPP)		695,000
	EMS		[695,000]
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
022	TAO FLEET OILER	794,719	1,540,719
	One additional ship		[746,000]
024	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	95,915	95,915
027	OUTFITTING	707,412	707,412
028	SHIP TO SHORE CONNECTOR	190,433	391,838
	Unit quantity increase		[201,405]
029	SERVICE CRAFT	68,274	68,274
030	LCAC SLEP	36,301	36,301
031	AUXILIARY VESSELS (USED SEALIFT)	140,686	140,686
032	COMPLETION OF PY SHIPBUILDING PROGRAMS	1,328,146	1,373,146
	CVN 73 RCOH Cost-to-Complete—Navy UPL		[45,000]
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	27,917,854	32,679,777
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
001	SURFACE POWER EQUIPMENT	46,478	46,478
	GENERATORS		
002	SURFACE COMBATANT HM&E	84,615	84,615
	NAVIGATION EQUIPMENT		
003	OTHER NAVIGATION EQUIPMENT	98,079	78,079
	Program decrease		[-20,000]
	OTHER SHIPBOARD EQUIPMENT		
004	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	266,300	226,300
	Unjustified growth		[-40,000]
005	DDG MOD	770,341	770,341
006	FIREFIGHTING EQUIPMENT	19,687	19,687
007	COMMAND AND CONTROL SWITCHBOARD	2,406	2,406
008	LHA/LHD MIDLIFE	38,200	53,700
	LHD and LHA Class Electric Plant Wholeness—Navy UPL		[15,500]
009	LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	20,028	15,028
	Program decrease		[-5,000]
010	POLLUTION CONTROL EQUIPMENT	17,682	17,682
011	SUBMARINE SUPPORT EQUIPMENT	117,799	117,799
012	VIRGINIA CLASS SUPPORT EQUIPMENT	32,300	32,300
013	LCS CLASS SUPPORT EQUIPMENT	15,238	10,238
	Unjustified growth		[-5,000]
014	SUBMARINE BATTERIES	24,137	24,137
015	LPD CLASS SUPPORT EQUIPMENT	54,496	54,496
016	DDG 1000 CLASS SUPPORT EQUIPMENT	314,333	284,333
	Program decrease		[-30,000]
017	STRATEGIC PLATFORM SUPPORT EQUIP	13,504	13,504
018	DSSP EQUIPMENT	3,660	3,660
019	CG MODERNIZATION	59,054	59,054
020	LCAC	17,452	17,452
021	UNDERWATER EOD EQUIPMENT	35,417	35,417
022	ITEMS LESS THAN \$5 MILLION	60,812	60,812
023	CHEMICAL WARFARE DETECTORS	3,202	3,202
	REACTOR PLANT EQUIPMENT		
025	SHIP MAINTENANCE, REPAIR AND MODERNIZATION	1,242,532	1,242,532
026	REACTOR POWER UNITS	4,690	4,690
027	REACTOR COMPONENTS	408,989	408,989
	OCEAN ENGINEERING		
028	DIVING AND SALVAGE EQUIPMENT	11,773	11,773
	SMALL BOATS		
029	STANDARD BOATS	57,262	78,730
	Six additional 40-foot Patrol Boats		[21,468]
	PRODUCTION FACILITIES EQUIPMENT		
030	OPERATING FORCES IPE	174,743	174,743
	OTHER SHIP SUPPORT		
031	LCS COMMON MISSION MODULES EQUIPMENT	57,313	57,313
032	LCS MCM MISSION MODULES	94,987	97,187
	Nine Countermeasures Mission Package Capacity and Wholeness—Navy UPL		[2,200]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
033	LCS ASW MISSION MODULES	3,594	0
	Program decrease		[-3,594]
034	LCS SUW MISSION MODULES	5,100	5,100
035	LCS IN-SERVICE MODERNIZATION	76,526	111,526
	Costs associated with restoring 5 LCS		[65,000]
	Program decrease		[-30,000]
036	SMALL & MEDIUM UUV	49,763	44,763
	Unjustified growth		[-5,000]
	SHIP SONARS		
037	SPQ-9B RADAR	12,063	12,063
038	AN/SQQ-89 SURF ASW COMBAT SYSTEM	141,591	141,591
039	SSN ACOUSTIC EQUIPMENT	446,653	446,653
040	UNDERSEA WARFARE SUPPORT EQUIPMENT	17,424	17,424
	ASW ELECTRONIC EQUIPMENT		
041	SUBMARINE ACOUSTIC WARFARE SYSTEM	31,708	31,708
042	SSTD	14,325	14,325
043	FIXED SURVEILLANCE SYSTEM	266,228	266,228
044	SURTASS	25,030	46,130
	Navy UPL		[21,100]
	ELECTRONIC WARFARE EQUIPMENT		
045	AN/SLQ-32	292,417	292,417
	RECONNAISSANCE EQUIPMENT		
046	SHIPBOARD IW EXPLOIT	311,210	316,910
	Counter-Command, Control, Communications, Computers and Combat Systems Intelligence, Surveillance and Reconnaissance and Targeting (C-C5ISR&T)— Navy UPL		[5,700]
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)	2,487	2,487
	OTHER SHIP ELECTRONIC EQUIPMENT		
048	COOPERATIVE ENGAGEMENT CAPABILITY	34,500	34,500
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	19,038	19,038
050	ATDLS	73,675	73,675
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,435	3,435
052	MINESWEEPING SYSTEM REPLACEMENT	16,336	16,336
054	NAVSTAR GPS RECEIVERS (SPACE)	30,439	30,439
055	AMERICAN FORCES RADIO AND TV SERVICE	2,724	2,724
056	STRATEGIC PLATFORM SUPPORT EQUIP	6,266	6,266
	AVIATION ELECTRONIC EQUIPMENT		
057	ASHORE ATC EQUIPMENT	89,396	89,396
058	AFLOAT ATC EQUIPMENT	86,732	86,732
059	ID SYSTEMS	59,226	59,226
060	JOINT PRECISION APPROACH AND LANDING SYSTEM (.....	8,186	8,186
061	NAVAL MISSION PLANNING SYSTEMS	26,778	26,778
	OTHER SHORE ELECTRONIC EQUIPMENT		
062	MARITIME INTEGRATED BROADCAST SYSTEM	3,520	3,520
063	TACTICAL/MOBILE CAI SYSTEMS	31,840	31,840
064	DCGS-N	15,606	15,606
065	CANES	402,550	382,550
	Insufficient justification		[-40,000]
	Intel secure data links		[20,000]
066	RADLAC	9,062	9,062
067	CANES-INTELL	48,665	48,665
068	GPETE	23,479	23,479
069	MASF	11,792	11,792
070	INTEG COMBAT SYSTEM TEST FACILITY	6,053	6,053
071	EMI CONTROL INSTRUMENTATION	4,219	4,219
072	ITEMS LESS THAN \$5 MILLION	102,846	102,846
	SHIPBOARD COMMUNICATIONS		
073	SHIPBOARD TACTICAL COMMUNICATIONS	36,941	36,941
074	SHIP COMMUNICATIONS AUTOMATION	101,691	101,691
075	COMMUNICATIONS ITEMS UNDER \$5M	55,290	55,290
	SUBMARINE COMMUNICATIONS		
076	SUBMARINE BROADCAST SUPPORT	91,150	91,150
077	SUBMARINE COMMUNICATION EQUIPMENT	74,569	74,569
	SATELLITE COMMUNICATIONS		
078	SATELLITE COMMUNICATIONS SYSTEMS	39,827	39,827
079	NAVY MULTIBAND TERMINAL (NMT)	24,586	24,586
	SHORE COMMUNICATIONS		
080	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,699	4,699
	CRYPTOGRAPHIC EQUIPMENT		
081	INFO SYSTEMS SECURITY PROGRAM (ISSP)	156,034	156,034
082	MIO INTEL EXPLOITATION TEAM	1,055	1,055
	CRYPTOLOGIC EQUIPMENT		
083	CRYPTOLOGIC COMMUNICATIONS EQUIP	18,832	20,332
	Service Tactical SIGINT Upgrades—INDOPACOM UPL		[1,500]
	OTHER ELECTRONIC SUPPORT		
092	COAST GUARD EQUIPMENT	68,556	68,556
	SONOBUOYS		
094	SONOBUOYS—ALL TYPES	291,670	303,521

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	<i>Program increase</i>		[11,851]
	AIRCRAFT SUPPORT EQUIPMENT		
095	MINOTAUR	5,247	5,247
096	WEAPONS RANGE SUPPORT EQUIPMENT	106,209	106,209
097	AIRCRAFT SUPPORT EQUIPMENT	275,461	275,461
098	ADVANCED ARRESTING GEAR (AAG)	22,717	22,717
099	ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM (EMALS)	18,594	18,594
100	METEOROLOGICAL EQUIPMENT	15,175	15,175
101	LEGACY AIRBORNE MCM	4,689	4,689
102	LAMPS EQUIPMENT	1,610	1,610
103	AVIATION SUPPORT EQUIPMENT	86,409	86,409
104	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL	136,647	136,647
	SHIP GUN SYSTEM EQUIPMENT		
105	SHIP GUN SYSTEMS EQUIPMENT	5,902	5,902
	SHIP MISSILE SYSTEMS EQUIPMENT		
106	HARPOON SUPPORT EQUIPMENT	217	217
107	SHIP MISSILE SUPPORT EQUIPMENT	286,788	292,788
	<i>SPY-1 Low Noise Amplifier</i>		[6,000]
108	TOMAHAWK SUPPORT EQUIPMENT	95,856	95,856
	FBM SUPPORT EQUIPMENT		
109	STRATEGIC MISSILE SYSTEMS EQUIP	279,430	279,430
	ASW SUPPORT EQUIPMENT		
110	SSN COMBAT CONTROL SYSTEMS	128,874	128,874
111	ASW SUPPORT EQUIPMENT	26,920	35,720
	<i>Secure Autonomous Data Link for USW Portable Ranges</i>		[8,800]
	OTHER ORDNANCE SUPPORT EQUIPMENT		
112	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	17,048	20,548
	<i>Dismounted Reconnaissance—Sets, Kits and Outfits (DR-SKO)</i>		[3,500]
113	ITEMS LESS THAN \$5 MILLION	5,938	5,938
	OTHER EXPENDABLE ORDNANCE		
114	ANTI-SHIP MISSILE DECOY SYSTEM	86,264	86,264
115	SUBMARINE TRAINING DEVICE MODS	80,591	80,591
116	SURFACE TRAINING EQUIPMENT	198,695	198,695
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
117	PASSENGER CARRYING VEHICLES	4,799	4,799
118	GENERAL PURPOSE TRUCKS	2,542	2,542
119	CONSTRUCTION & MAINTENANCE EQUIP	50,619	61,019
	<i>GPS laser leveling system</i>		[9,200]
	<i>VLS training equipment—Navy UPL</i>		[1,200]
120	FIRE FIGHTING EQUIPMENT	16,305	16,305
121	TACTICAL VEHICLES	28,586	33,386
	<i>Program increase—Navy UPL</i>		[4,800]
122	POLLUTION CONTROL EQUIPMENT	2,840	2,840
123	ITEMS LESS THAN \$5 MILLION	64,311	64,311
124	PHYSICAL SECURITY VEHICLES	1,263	1,263
	SUPPLY SUPPORT EQUIPMENT		
125	SUPPLY EQUIPMENT	32,338	32,338
126	FIRST DESTINATION TRANSPORTATION	6,255	6,255
127	SPECIAL PURPOSE SUPPLY SYSTEMS	613,039	613,039
	TRAINING DEVICES		
128	TRAINING SUPPORT EQUIPMENT	1,285	1,285
129	TRAINING AND EDUCATION EQUIPMENT	44,618	44,618
	COMMAND SUPPORT EQUIPMENT		
130	COMMAND SUPPORT EQUIPMENT	55,728	55,728
131	MEDICAL SUPPORT EQUIPMENT	5,325	5,325
133	NAVAL MIP SUPPORT EQUIPMENT	6,077	6,077
134	OPERATING FORCES SUPPORT EQUIPMENT	16,252	16,252
135	CAISR EQUIPMENT	6,497	6,497
136	ENVIRONMENTAL SUPPORT EQUIPMENT	36,592	36,592
137	PHYSICAL SECURITY EQUIPMENT	118,598	114,598
	<i>Program decrease</i>		[-4,000]
138	ENTERPRISE INFORMATION TECHNOLOGY	29,407	29,407
	OTHER		
142	NEXT GENERATION ENTERPRISE SERVICE	201,314	201,314
143	CYBERSPACE ACTIVITIES	5,018	5,018
144	CYBER MISSION FORCES	17,115	17,115
	CLASSIFIED PROGRAMS		
144A	CLASSIFIED PROGRAMS	17,295	17,295
	SPARES AND REPAIR PARTS		
145	SPARES AND REPAIR PARTS	532,313	532,313
	TOTAL OTHER PROCUREMENT, NAVY	11,746,503	11,761,728
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
001	AAV7A1 PIP	5,653	5,653
002	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	536,678	536,678
003	LAV PIP	57,099	57,099
	ARTILLERY AND OTHER WEAPONS		

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
004	155MM LIGHTWEIGHT TOWED HOWITZER	1,782	1,782
005	ARTILLERY WEAPONS SYSTEM	143,808	143,808
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	11,118	11,118
	GUIDED MISSILES		
007	TOMAHAWK	42,958	42,958
008	NAVAL STRIKE MISSILE (NSM)	174,369	174,369
009	GROUND BASED AIR DEFENSE	173,801	230,601
	MADIS Inc 1 fielding—USMC UPL		[56,800]
010	ANTI-ARMOR MISSILE-JAVELIN	18,495	18,495
011	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)	21,419	21,419
012	ANTI-ARMOR MISSILE-TOW	663	663
013	GUIDED MLRS ROCKET (GMLRS)	7,605	7,605
	COMMAND AND CONTROL SYSTEMS		
014	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C)	30,292	30,292
	REPAIR AND TEST EQUIPMENT		
015	REPAIR AND TEST EQUIPMENT	58,024	58,024
	OTHER SUPPORT (TEL)		
016	MODIFICATION KITS	293	293
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
017	ITEMS UNDER \$5 MILLION (COMM & ELEC)	83,345	83,345
018	AIR OPERATIONS C2 SYSTEMS	11,048	11,048
	RADAR + EQUIPMENT (NON-TEL)		
019	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	61,943	441,943
	Additional G/ATOR radars—USMC UPL		[380,000]
	INTELL/COMM EQUIPMENT (NON-TEL)		
020	GCSS-MC	1,663	1,663
021	FIRE SUPPORT SYSTEM	48,322	48,322
022	INTELLIGENCE SUPPORT EQUIPMENT	182,894	177,894
	Program decrease		[-5,000]
024	UNMANNED AIR SYSTEMS (INTEL)	47,595	47,595
025	DCGS-MC	47,998	47,998
026	UAS PAYLOADS	8,619	8,619
	OTHER SUPPORT (NON-TEL)		
029	MARINE CORPS ENTERPRISE NETWORK (MCEN)	276,763	276,763
030	COMMON COMPUTER RESOURCES	40,096	40,096
031	COMMAND POST SYSTEMS	58,314	58,314
032	RADIO SYSTEMS	612,450	600,450
	Program decrease		[-12,000]
033	COMM SWITCHING & CONTROL SYSTEMS	51,976	51,976
034	COMM & ELEC INFRASTRUCTURE SUPPORT	26,029	26,029
035	CYBERSPACE ACTIVITIES	17,759	17,759
036	CYBER MISSION FORCES	4,036	4,036
	CLASSIFIED PROGRAMS		
038A	CLASSIFIED PROGRAMS	3,884	3,884
	ADMINISTRATIVE VEHICLES		
039	COMMERCIAL CARGO VEHICLES	35,179	35,179
	TACTICAL VEHICLES		
040	MOTOR TRANSPORT MODIFICATIONS	17,807	17,807
041	JOINT LIGHT TACTICAL VEHICLE	222,257	339,637
	Accelerate HMMWV replacement—USMC UPL		[117,400]
043	TRAILERS	2,721	2,721
	ENGINEER AND OTHER EQUIPMENT		
045	TACTICAL FUEL SYSTEMS	7,854	7,854
046	POWER EQUIPMENT ASSORTED	5,841	5,841
047	AMPHIBIOUS SUPPORT EQUIPMENT	38,120	38,120
048	EOD SYSTEMS	201,047	191,047
	Unjustified growth—MEGfoS		[-10,000]
	MATERIALS HANDLING EQUIPMENT		
049	PHYSICAL SECURITY EQUIPMENT	69,967	69,967
	GENERAL PROPERTY		
050	FIELD MEDICAL EQUIPMENT	21,780	21,780
051	TRAINING DEVICES	86,272	111,272
	Program increase (Force on Force Training System)		[25,000]
052	FAMILY OF CONSTRUCTION EQUIPMENT	27,605	27,605
053	ULTRA-LIGHT TACTICAL VEHICLE (ULTV)	15,033	15,033
	OTHER SUPPORT		
054	ITEMS LESS THAN \$5 MILLION	26,433	26,433
	SPARES AND REPAIR PARTS		
055	SPARES AND REPAIR PARTS	34,799	34,799
	TOTAL PROCUREMENT, MARINE CORPS	3,681,506	4,233,706
	AIRCRAFT PROCUREMENT, AIR FORCE		
	STRATEGIC OFFENSIVE		
001	B-21 RAIDER	1,498,431	1,498,431
002	B-21 RAIDER AP	288,165	288,165
	TACTICAL FORCES		
003	F-35	3,320,757	3,516,957
	Technical realignment		[115,000]

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Line	Item	FY 2023 Request	House Authorized
	TR-3 Organic Depot Standup		[81,200]
004	F-35 AP	594,886	479,886
	Technical realignment		[-115,000]
005	F-15EX	2,422,348	2,422,348
006	F-15EX AP	264,000	264,000
	TACTICAL AIRLIFT		
007	KC-46A MDAP	2,684,503	2,684,503
	OTHER AIRLIFT		
008	C-130J	75,293	75,293
009	MC-130J	40,351	40,351
	UPT TRAINERS		
011	ADVANCED TRAINER REPLACEMENT T-X	10,507	10,507
	HELICOPTERS		
012	MH-139A	156,192	152,492
	Unjustified growth—government costs		[-3,700]
013	COMBAT RESCUE HELICOPTER	707,018	707,018
	MISSION SUPPORT AIRCRAFT		
015	CIVIL AIR PATROL A/C	2,952	11,600
	Program increase		[8,648]
	OTHER AIRCRAFT		
016	TARGET DRONES	128,906	128,906
017	COMPASS CALL		553,700
	Add 4 EC-37B aircraft		[553,700]
018	E-11 BACN/HAG	67,260	66,847
	Technical realignment		[-413]
019	MQ-9	17,039	7,012
	Early to need—production shutdown		[-10,027]
021	AGILITY PRIME PROCUREMENT	3,612	3,612
	STRATEGIC AIRCRAFT		
022	B-2A	106,752	106,752
023	B-1B	36,313	38,813
	Additional Pylon Purchases		[5,000]
	Program decrease		[-2,500]
024	B-52	127,854	120,908
	Technical realignment		[-6,946]
025	LARGE AIRCRAFT INFRARED COUNTERMEASURES	25,286	25,286
	TACTICAL AIRCRAFT		
026	A-10	83,972	83,972
027	E-11 BACN/HAG	10,309	10,309
028	F-15	194,379	194,379
029	F-16	700,455	700,455
030	F-22A	764,222	764,222
031	F-35 MODIFICATIONS	414,382	414,382
032	F-15 EPAW	259,837	259,837
034	KC-46A MDAP	467	467
	AIRLIFT AIRCRAFT		
035	C-5	46,027	5,673
	Program decrease		[-10,000]
	Technical realignment		[-30,354]
036	C-17A	152,009	157,509
	Technical realignment		[5,500]
037	C-32A	4,068	4,068
038	C-37A	6,062	6,062
	TRAINER AIRCRAFT		
039	GLIDER MODS	149	149
040	T-6	6,215	6,215
041	T-1	6,262	6,262
042	T-38	111,668	161,168
	Ejection Seat Upgrade		[49,500]
	OTHER AIRCRAFT		
044	U-2 MODS	81,650	81,650
045	KC-10A (ATCA)	3,443	3,443
046	C-21	2,024	2,024
047	VC-25A MOD	2,146	2,146
048	C-40	2,197	2,197
049	C-130	114,268	131,768
	Technical realignment		[17,500]
050	C-130J MODS	112,299	112,299
051	C-135	149,023	163,523
	Program decrease		[-5,000]
	Technical realignment		[19,500]
052	COMPASS CALL	16,630	346,630
	Add 4 EC-37B A & B kits, spares, and installation		[330,000]
053	RC-135	212,828	252,828
	M-code compliance		[39,400]
	Service Tactical SIGINT Upgrades—INDOPACOM UPL		[600]
054	E-3	54,247	54,247
055	E-4	5,973	5,973

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Line	Item	FY 2023 Request	House Authorized
056	E-8	16,610	0
	Program decrease		[-16,610]
059	H-1	1,757	1,757
060	H-60	10,820	10,820
061	COMBAT RESCUE HELICOPTER MODIFICATION	3,083	3,083
062	RQ-4 MODS	1,286	1,286
063	HC/MC-130 MODIFICATIONS	138,956	118,956
	Technical realignment		[-20,000]
064	OTHER AIRCRAFT	29,029	70,296
	Maritime Patrol Aircraft		[28,500]
	Technical realignment		[12,767]
065	MQ-9 MODS	64,370	215,095
	Multi-Domain Operations modernization		[156,725]
	Unjustified cost—MQ-9 Upgrade		[-6,000]
066	MQ-9 UAS PAYLOADS		40,000
	Program increase—electronic support measure payload		[40,000]
067	SENIOR LEADER C3, SYSTEM—AIRCRAFT	24,784	24,784
068	CV-22 MODS	153,026	168,826
	CV-22 Reliability Acceleration		[15,800]
	AIRCRAFT SPARES AND REPAIR PARTS		
069	INITIAL SPARES/REPAIR PARTS	623,661	725,407
	Program increase—Compass Call spare engines (4) - USAF UPL		[94,800]
	Technical realignment		[6,946]
	COMMON SUPPORT EQUIPMENT		
070	AIRCRAFT REPLACEMENT SUPPORT EQUIP	138,935	138,935
	OTHER AIRCRAFT		
	POST PRODUCTION SUPPORT		
063A	HC/MC-130 POST PRODUCTION SUPPORT		20,000
	Technical realignment		[20,000]
071	B-2A	1,802	1,802
072	B-2B	36,325	36,325
073	B-52	5,883	5,883
074	F-15	2,764	2,764
075	F-16	5,102	5,102
077	MQ9 POST PROD	7,069	7,069
078	RQ-4 POST PRODUCTION CHARGES	40,845	40,845
	AIRLIFT AIRCRAFT		
	INDUSTRIAL PREPAREDNESS		
035A	C-5 POST PRODUCTION SUPPORT		18,000
	Technical realignment		[18,000]
079	INDUSTRIAL RESPONSIVENESS	19,128	19,128
	WAR CONSUMABLES		
080	WAR CONSUMABLES	31,165	31,165
	OTHER PRODUCTION CHARGES		
081	OTHER PRODUCTION CHARGES	1,047,300	1,440,300
	Program decrease—early to need		[-75,000]
	Program increase		[468,000]
	CLASSIFIED PROGRAMS		
083A	CLASSIFIED PROGRAMS	18,092	18,092
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	18,517,428	20,302,964
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
001	MISSILE REPLACEMENT EQ-BALLISTIC	57,476	57,476
	STRATEGIC		
004	LONG RANGE STAND-OFF WEAPON	31,454	31,454
	TACTICAL		
005	REPLAC EQUIP & WAR CONSUMABLES	30,510	30,510
006	AGM-183A AIR-LAUNCHED RAPID RESPONSE WEAPON	46,566	0
	Technical realignment		[-46,566]
007	JOINT AIR-SURFACE STANDOFF MISSILE	784,971	784,971
008	LRASMO	114,025	114,025
009	SIDEWINDER (AIM-9X)	111,855	111,855
010	AMRAAM	320,056	320,056
011	PREDATOR HELLFIRE MISSILE	1,040	1,040
012	SMALL DIAMETER BOMB	46,475	46,475
013	SMALL DIAMETER BOMB II	279,006	379,006
	Program increase—Air Force UPL		[100,000]
014	STAND-IN ATTACK WEAPON (SIAW)	77,975	77,975
	INDUSTRIAL FACILITIES		
015	INDUSTRL PREPAREDNS/POL PREVENTION	868	868
	CLASS IV		
018	ICBM FUZE MOD	99,691	99,691
019	ICBM FUZE MOD AP	37,673	37,673
020	MM III MODIFICATIONS	68,193	68,193
022	AIR LAUNCH CRUISE MISSILE (ALCM)	33,778	33,778
	MISSILE SPARES AND REPAIR PARTS		
023	MSL SPRS/REPAIR PARTS (INITIAL)	15,354	15,354

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Line	Item	FY 2023 Request	House Authorized
024	MSL SPRS/REPAIR PARTS (REPLEN)	62,978	62,978
	SPECIAL PROGRAMS		
028	SPECIAL UPDATE PROGRAMS	36,933	36,933
	CLASSIFIED PROGRAMS		
028A	CLASSIFIED PROGRAMS	705,540	705,540
	TOTAL MISSILE PROCUREMENT, AIR FORCE	2,962,417	3,015,851
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	22,190	22,190
	CARTRIDGES		
002	CARTRIDGES	124,164	124,164
	BOMBS		
004	GENERAL PURPOSE BOMBS	162,800	162,800
005	MASSIVE ORDNANCE PENETRATOR (MOP)	19,743	19,743
006	JOINT DIRECT ATTACK MUNITION	251,956	251,956
	OTHER ITEMS		
008	CAD/PAD	50,473	50,473
009	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	6,343	9,843
	<i>Dismounted Reconnaissance—Sets, Kits and Outfits (DR-SKO)</i>		[3,500]
010	SPARES AND REPAIR PARTS	573	573
012	FIRST DESTINATION TRANSPORTATION	1,903	1,903
013	ITEMS LESS THAN \$5,000,000	5,014	1,014
	<i>Program decrease—Flares</i>		[-4,000]
	FLARES		
014	EXPENDABLE COUNTERMEASURES	120,548	105,548
	<i>Program decrease</i>		[-15,000]
	FUZES		
015	FUZES	121,528	121,528
	SMALL ARMS		
016	SMALL ARMS	16,395	16,395
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	903,630	888,130
	PROCUREMENT, SPACE FORCE		
	SPACE PROCUREMENT, SF		
002	AF SATELLITE COMM SYSTEM	51,414	51,414
003	COUNTERSPACE SYSTEMS	62,691	62,691
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	26,394	26,394
005	WIDEBAND GAFILLER SATELLITES (SPACE)	21,982	21,982
006	GENERAL INFORMATION TECH—SPACE	5,424	5,424
007	GPSIII FOLLOW ON	657,562	657,562
008	GPS III SPACE SEGMENT	103,340	103,340
009	GLOBAL POSITIONING (SPACE)	950	950
010	HERITAGE TRANSITION	21,896	21,896
011	SPACEBORNE EQUIP (COMSEC)	29,587	29,587
012	MILSATCOM	29,333	29,333
013	SBIR HIGH (SPACE)	148,666	148,666
014	SPECIAL SPACE ACTIVITIES	817,484	805,484
	<i>Underexecution</i>		[-12,000]
015	MOBILE USER OBJECTIVE SYSTEM	46,833	46,833
016	NATIONAL SECURITY SPACE LAUNCH	1,056,133	1,056,133
017	NUDET DETECTION SYSTEM	7,062	7,062
018	PTES HUB	42,464	42,464
019	ROCKET SYSTEMS LAUNCH PROGRAM	39,145	39,145
020	SPACE DEVELOPMENT AGENCY LAUNCH	314,288	514,288
	<i>Technical realignment</i>		[200,000]
022	SPACE MODS	73,957	73,957
023	SPACELIFT RANGE SYSTEM SPACE	71,712	71,712
	SPARES		
024	SPARES AND REPAIR PARTS	1,352	1,352
	TOTAL PROCUREMENT, SPACE FORCE	3,629,669	3,817,669
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	2,446	2,446
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	1,125	1,125
003	CAP VEHICLES	999	1,900
	<i>Program increase</i>		[901]
004	CARGO AND UTILITY VEHICLES	35,220	35,220
	SPECIAL PURPOSE VEHICLES		
005	JOINT LIGHT TACTICAL VEHICLE	60,461	60,461
006	SECURITY AND TACTICAL VEHICLES	382	382
007	SPECIAL PURPOSE VEHICLES	49,623	49,623
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	11,231	11,231
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	12,559	12,559

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Line	Item	FY 2023 Request	House Authorized
BASE MAINTENANCE SUPPORT			
010	RUNWAY SNOW REMOV AND CLEANING EQU	6,409	6,409
011	BASE MAINTENANCE SUPPORT VEHICLES	72,012	72,012
COMM SECURITY EQUIPMENT(COMSEC)			
013	COMSEC EQUIPMENT	96,851	96,851
014	STRATEGIC MICROELECTRONIC SUPPLY SYSTEM	467,901	467,901
INTELLIGENCE PROGRAMS			
015	INTERNATIONAL INTEL TECH & ARCHITECTURES	7,043	7,043
016	INTELLIGENCE TRAINING EQUIPMENT	2,424	2,424
017	INTELLIGENCE COMM EQUIPMENT	25,308	25,308
ELECTRONICS PROGRAMS			
018	AIR TRAFFIC CONTROL & LANDING SYS	65,531	65,531
019	BATTLE CONTROL SYSTEM—FIXED	1,597	1,597
020	THEATER AIR CONTROL SYS IMPROVEMEN	9,611	9,611
021	3D EXPEDITIONARY LONG-RANGE RADAR	174,640	167,140
	Program decrease		[-7,500]
022	WEATHER OBSERVATION FORECAST	20,658	20,658
023	STRATEGIC COMMAND AND CONTROL	93,351	86,290
	Technical realignment		[-7,131]
024	CHEYENNE MOUNTAIN COMPLEX	6,118	55,418
	Complex Infrastructure Refurbishments		[49,300]
025	MISSION PLANNING SYSTEMS	13,947	13,947
SPCL COMM-ELECTRONICS PROJECTS			
028	GENERAL INFORMATION TECHNOLOGY	101,517	131,517
	NORTHCOM UPL—AI/ML Enhancements		[30,000]
029	AF GLOBAL COMMAND & CONTROL SYS	2,487	2,487
030	BATTLEFIELD AIRBORNE CONTROL NODE (BACN)	32,807	32,807
031	MOBILITY COMMAND AND CONTROL	10,210	10,210
035	COMBAT TRAINING RANGES	134,213	134,213
036	MINIMUM ESSENTIAL EMERGENCY COMM N	66,294	66,294
037	WIDE AREA SURVEILLANCE (WAS)	29,518	29,518
038	C3 COUNTERMEASURES	55,324	55,324
040	GCSS-AF FOS	786	786
042	MAINTENANCE REPAIR & OVERHAUL INITIATIVE	248	248
043	THEATER BATTLE MGT C2 SYSTEM	275	275
044	AIR & SPACE OPERATIONS CENTER (AOC)	2,611	2,611
AIR FORCE COMMUNICATIONS			
046	BASE INFORMATION TRANSP INFRAS (BITI) WIRED	29,791	29,791
047	AFNET	83,320	83,320
048	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,199	5,199
049	USCENTCOM	11,896	11,896
050	USSTRATCOM	4,619	4,619
ORGANIZATION AND BASE			
051	TACTICAL C-E EQUIPMENT	120,050	110,050
	Program decrease		[-10,000]
052	RADIO EQUIPMENT	14,053	14,053
054	BASE COMM INFRASTRUCTURE	91,313	96,413
	Alaskan Long-Range Radars—Sites Digitalization		[5,100]
MODIFICATIONS			
055	COMM ELECT MODS	167,419	167,419
CLASSIFIED PROGRAMS			
055A	CLASSIFIED PROGRAMS	89,484	89,484
PERSONAL SAFETY & RESCUE EQUIP			
056	PERSONAL SAFETY AND RESCUE EQUIPMENT	92,995	101,895
	Rapid Response Shelters		[8,900]
DEPOT PLANT+MTRLS HANDLING EQ			
057	POWER CONDITIONING EQUIPMENT	12,199	12,199
058	MECHANIZED MATERIAL HANDLING EQUIP	9,326	9,326
BASE SUPPORT EQUIPMENT			
059	BASE PROCURED EQUIPMENT	52,890	52,890
060	ENGINEERING AND EOD EQUIPMENT	231,552	231,552
061	MOBILITY EQUIPMENT	28,758	28,758
062	FUELS SUPPORT EQUIPMENT (FSE)	21,740	21,740
SPECIAL SUPPORT PROJECTS			
065	DARP RC135	28,153	28,153
066	DCGS-AF	217,713	217,713
070	SPECIAL UPDATE PROGRAM	978,499	978,499
CLASSIFIED PROGRAMS			
070A	CLASSIFIED PROGRAMS	21,702,225	21,452,225
	Excess carryover		[-250,000]
SPARES AND REPAIR PARTS			
071	SPARES AND REPAIR PARTS (CYBER)	1,007	1,007
072	SPARES AND REPAIR PARTS	23,175	23,175
TOTAL OTHER PROCUREMENT, AIR FORCE		25,691,113	25,510,683
PROCUREMENT, DEFENSE-WIDE			
MAJOR EQUIPMENT, SD A			
025	MAJOR EQUIPMENT, DPAA	513	513

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Line	Item	FY 2023 Request	House Authorized
050	MAJOR EQUIPMENT, OSD	64,291	64,291
	MAJOR EQUIPMENT, NSA		
047	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	6,738	6,738
	MAJOR EQUIPMENT, WHS		
054	MAJOR EQUIPMENT, WHS	310	310
	MAJOR EQUIPMENT, DISA		
011	INFORMATION SYSTEMS SECURITY	24,044	24,044
012	TELEPORT PROGRAM	50,475	50,475
013	JOINT FORCES HEADQUARTERS—DODIN	674	674
014	ITEMS LESS THAN \$5 MILLION	46,614	46,614
015	DEFENSE INFORMATION SYSTEM NETWORK	87,345	87,345
016	WHITE HOUSE COMMUNICATION AGENCY	130,145	130,145
017	SENIOR LEADERSHIP ENTERPRISE	47,864	47,864
018	JOINT REGIONAL SECURITY STACKS (JRSS)	17,135	10,135
	Program decrease		[-7,000]
019	JOINT SERVICE PROVIDER	86,183	86,183
020	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	42,756	42,756
	MAJOR EQUIPMENT, DLA		
022	MAJOR EQUIPMENT	24,501	24,501
	MAJOR EQUIPMENT, DCSA		
001	MAJOR EQUIPMENT	2,346	2,346
	MAJOR EQUIPMENT, TJS		
052	MAJOR EQUIPMENT, TJS	3,900	3,900
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
030	THAAD	74,994	347,894
	25 additional THAAD interceptors		[272,900]
031	GROUND BASED MIDCOURSE	11,300	11,300
032	AEGIS BMD	402,235	425,735
	Procure Replacement DMU		[23,500]
034	BMDs AN/TPY-2 RADARS	4,606	59,606
	AN/TPY-2 TRIMM Refresh		[30,000]
	BMDs Sensors		[10,000]
	HEMP Hardening		[15,000]
035	SM-3 IILAS	337,975	337,975
036	ARROW 3 UPPER TIER SYSTEMS	80,000	80,000
037	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	40,000	40,000
038	DEFENSE OF GUAM PROCUREMENT	26,514	26,514
039	AEGIS ASHORE PHASE III	30,056	30,056
040	IRON DOME	80,000	80,000
041	AEGIS BMD HARDWARE AND SOFTWARE	78,181	100,181
	SPY-1 Low Noise Amplifier		[22,000]
	MAJOR EQUIPMENT, DHRA		
003	PERSONNEL ADMINISTRATION	4,522	4,522
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
027	VEHICLES	139	139
028	OTHER MAJOR EQUIPMENT	14,296	14,296
	MAJOR EQUIPMENT, DODEA		
024	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	2,048	2,048
	MAJOR EQUIPMENT, DMACT		
023	MAJOR EQUIPMENT	11,117	11,117
	CLASSIFIED PROGRAMS		
054A	CLASSIFIED PROGRAMS	681,894	692,394
	JWICS modernization		[10,500]
	AVIATION PROGRAMS		
055	ARMED OVERWATCH/TARGETING	246,000	246,000
056	MANNED ISR	5,000	5,000
057	MC-12	3,344	3,344
059	ROTARY WING UPGRADES AND SUSTAINMENT	214,575	214,575
060	UNMANNED ISR	41,749	41,749
061	NON-STANDARD AVIATION	7,156	7,156
062	U-28	4,589	4,589
063	MH-47 CHINOOK	133,144	133,144
064	CV-22 MODIFICATION	75,629	83,215
	CV-22 & MC-130J Link-16 TacNet Tactical Receiver		[7,586]
065	MQ-9 UNMANNED AERIAL VEHICLE	9,000	9,000
066	PRECISION STRIKE PACKAGE	57,450	57,450
067	AC/MC-130J	225,569	225,569
068	C-130 MODIFICATIONS	11,945	16,893
	CV-22 & MC-130J Link-16 TacNet Tactical Receiver		[4,948]
	SHIPBUILDING		
069	UNDERWATER SYSTEMS	45,631	45,631
	AMMUNITION PROGRAMS		
070	ORDNANCE ITEMS <\$5M	151,233	159,889
	M3E1 Multi Purpose Anti Armor Anti Personnel Weapon System (MAWWS) Family of Munitions		[4,951]
	Maritime Scalable Effects (MSE) Electronic Warfare System Acceleration		[3,705]
	OTHER PROCUREMENT PROGRAMS		
071	INTELLIGENCE SYSTEMS	175,616	219,094

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Line	Item	FY 2023 Request	House Authorized
	SOCOM Enclosed Spaces Reconnaissance Collection Suite (ESRCS)		[15,000]
	Stalker VXE Block 30 Vertical Takeoff & Landing (VTOL) Acceleration		[28,478]
072	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	2,214	2,214
073	OTHER ITEMS <\$5M	98,096	98,096
074	COMBATANT CRAFT SYSTEMS	85,566	85,566
075	SPECIAL PROGRAMS	20,042	249,042
	Medium Fixed Wing Recapitalization		[229,000]
076	TACTICAL VEHICLES	51,605	59,605
	PB-NSCV		[8,000]
077	WARRIOR SYSTEMS <\$5M	306,846	359,129
	AFSOC Force Generation (AFSOFORGEN) Tactical Communications (TACCOM)		[18,730]
	Counter Unmanned Systems (CUrS) Procurement Acceleration		[33,553]
078	COMBAT MISSION REQUIREMENTS	4,991	4,991
080	OPERATIONAL ENHANCEMENTS INTELLIGENCE	18,723	24,137
	Low Visibility Vanishing Technology (LVVT)		[5,414]
081	OPERATIONAL ENHANCEMENTS	347,473	374,227
	Ground Vehicle Forward Looking Infrared (FLIR)		[11,000]
	High Speed Assault Craft (HSAC) Roof Application Kit (RAK) Acceleration		[5,000]
	Intelligence, Surveillance, and Reconnaissance (ISR) Transceivers Acceleration		[10,754]
	CBDP		
082	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	199,439	199,439
083	CB PROTECTION & HAZARD MITIGATION	187,164	192,164
	Waterless & Sprayable Solutions for Decontamination of Chemical and Biological Warfare Agents.		[5,000]
	TOTAL PROCUREMENT, DEFENSE-WIDE	5,245,500	6,013,519
	NATIONAL GUARD AND RESERVE EQUIPMENT		
	UNDISTRIBUTED		
007	UNDISTRIBUTED		50,000
	Program increase		[50,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		50,000
	TOTAL PROCUREMENT	144,219,205	160,202,135

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **TION**
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 5 **TION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2023 Request	House Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
		BASIC RESEARCH		
001	0601102A	DEFENSE RESEARCH SCIENCES	279,328	340,194
		Counter-UAS Technology Research		[5,000]
		Program increase		[55,866]
002	0601103A	UNIVERSITY RESEARCH INITIATIVES	70,775	90,775
		Defense University Research Instrumentation Program		[20,000]
003	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	100,909	109,909
		Automotive Research Center		[5,000]
		Biotechnology		[4,000]
004	0601121A	CYBER COLLABORATIVE RESEARCH ALLIANCE	5,355	5,355
005	0601601A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH.	10,456	15,456
		Program increase		[5,000]
		SUBTOTAL BASIC RESEARCH	466,823	561,689
		APPLIED RESEARCH		
006	0602002A	ARMY AGILE INNOVATION AND DEVELOPMENT-APPLIED RESEARCH.	9,534	9,534
008	0602134A	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	6,192	6,192
009	0602141A	LETHALITY TECHNOLOGY	87,717	182,717
		Armament digital and mission engineering		[35,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2023 Request	House Authorized
		Collaborative networked armament lethality and fire control		[25,000]
		Investigate novel armament systems and technologies		[5,000]
		Modular open systems architecture		[5,000]
		Solid-state additive manufacturing research		[20,000]
		Turret gunner survivability and simulation		[5,000]
010	0602142A	ARMY APPLIED RESEARCH	27,833	57,533
		Digital night vision technology		[9,700]
		Warfighter Weapon Systems Digital Integration		[20,000]
011	0602143A	SOLDIER LETHALITY TECHNOLOGY	103,839	123,839
		Advanced textiles and shelters		[6,000]
		Footwear research		[4,000]
		Pathfinder		[10,000]
		Program decrease		[-5,000]
		Program increase		[5,000]
012	0602144A	GROUND TECHNOLOGY	52,848	96,048
		Advanced Gunner Restraint System		[2,200]
		Aerospace Manufacturing Center Pilot Program		[12,000]
		Cold and complex environments sensing research		[9,000]
		High performance polymer composites and coatings		[10,000]
		Polar proving ground and training program		[5,000]
		Unmanned mobility		[5,000]
013	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	174,090	184,890
		Compact hyperspectral imager development		[4,800]
		Structural thermoplastics		[6,000]
014	0602146A	NETWORK C3I TECHNOLOGY	64,115	136,115
		AI for position, navigation, and timing		[6,000]
		Alternative position, navigation, and timing		[20,000]
		Portable Doppler radar		[7,500]
		Rapid design and fabrication of high enthalpy alloys for long range precision fires missiles.		[3,500]
		Secure anti-tamper		[15,000]
		Weapons system security		[20,000]
015	0602147A	LONG RANGE PRECISION FIRES TECHNOLOGY	43,029	99,779
		Carbon-carbon high-temperature composites		[15,000]
		Low cost missile technology development		[7,000]
		Low cost missile technology development +J23		[3,000]
		Novel printed armament components		[10,000]
		Precision long range integrated strike missile		[6,750]
		Program increase		[15,000]
016	0602148A	FUTURE VERTICLE LIFT TECHNOLOGY	69,348	84,348
		High density eVTOL power source		[15,000]
017	0602150A	AIR AND MISSILE DEFENSE TECHNOLOGY	27,016	72,016
		CEMA missile defender		[20,000]
		Counter-UAS Center of Excellence		[10,000]
		High energy laser engagement technologies		[15,000]
018	0602180A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES.	16,454	21,454
		Program increase		[5,000]
019	0602181A	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	27,399	27,399
020	0602182A	C3I APPLIED RESEARCH	27,892	27,892
021	0602183A	AIR PLATFORM APPLIED RESEARCH	41,588	56,588
		Aerospace Propulsion and Power Technology		[10,000]
		Hybrid solar photovoltaic-thermoelectric panel		[5,000]
022	0602184A	SOLDIER APPLIED RESEARCH	15,716	15,716
023	0602213A	C3I APPLIED CYBER	13,605	13,605
024	0602386A	BIOTECHNOLOGY FOR MATERIALS—APPLIED RESEARCH	21,919	171,919
		Tri-Service Biotechnology for a Resilient Supply Chain / Biotechnology for Materials.		[150,000]
025	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	19,649	19,649
026	0602787A	MEDICAL TECHNOLOGY	33,976	33,976
		SUBTOTAL APPLIED RESEARCH	883,759	1,441,209
		ADVANCED TECHNOLOGY DEVELOPMENT		
027	0603002A	MEDICAL ADVANCED TECHNOLOGY	5,207	11,907
		CPF—U.S. Army Battlefield Exercise and Combat Related Traumatic Brain and Spinal Injury Research.		[1,700]
		Hearing protection for communications		[5,000]
028	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	15,598	15,598
029	0603025A	ARMY AGILE INNOVATION AND DEMONSTRATION	20,900	20,900
030	0603040A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES.	6,395	11,395
		Program increase		[5,000]
031	0603041A	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	45,463	45,463
032	0603042A	C3I ADVANCED TECHNOLOGY	12,716	12,716
033	0603043A	AIR PLATFORM ADVANCED TECHNOLOGY	17,946	27,946
		Integrated Floor System Upgrades for H-60 Variants		[10,000]
034	0603044A	SOLDIER ADVANCED TECHNOLOGY	479	10,499

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2023 Request	House Authorized
		CPF—Advancing Military Exoskeleton Technology State-of-The-Art Project.		[2,890]
		CPF—Building 2, Doriot Climatic Chambers, Exterior Repair		[3,630]
		CPF—Small Unit Digital Twin for Robotic and Sensor Systems Integration.		[3,500]
036	0603116A	LETHALITY ADVANCED TECHNOLOGY	9,796	9,796
037	0603117A	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	134,874	134,874
038	0603118A	SOLDIER LETHALITY ADVANCED TECHNOLOGY	100,935	120,935
		FRAG-CT		[4,000]
		Sensored head-borne suspension systems		[8,000]
		Soldier Integration Experimentation/Airborne Rally Point		[8,000]
039	0603119A	GROUND ADVANCED TECHNOLOGY	32,546	106,846
		Additive manufacturing with indigenous materials		[15,000]
		Cold Regions Research and Engineering Laboratory		[10,000]
		Concrete properties prediction		[1,800]
		Platform agnostic remote armament systems		[40,000]
		Printed infrastructure and cold weather construction capabilities		[7,500]
040	0603134A	COUNTER IMPROVISED-THREAT SIMULATION	21,486	21,486
041	0603386A	BIOTECHNOLOGY FOR MATERIALS—ADVANCED RESEARCH	56,853	56,853
042	0603457A	C3I CYBER ADVANCED DEVELOPMENT	41,354	41,354
043	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	251,964	301,964
		Program increase		[50,000]
044	0603462A	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY.	193,242	261,242
		Digital enterprise technology		[15,000]
		Electrified vehicle infrared signature management		[9,000]
		HTPEM APU		[10,000]
		Lithium 6T battery development		[8,000]
		Soldier-ground vehicle interface design		[6,000]
		Synthetic graphite research		[20,000]
045	0603463A	NETWORK C3I ADVANCED TECHNOLOGY	125,565	135,565
		PNT technologies in degraded environments		[10,000]
046	0603464A	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	100,830	202,740
		Autoloader development		[21,400]
		Hypersonic and strategic materials and structures		[20,000]
		Maneuvering submunitions		[18,000]
		Missile Multi Agent eXtensible Engagement Services (MAXES)		[15,000]
		PrSM Inc 4—Army UPL		[27,510]
047	0603465A	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	177,836	187,836
		Program increase—Additive manufacturing		[10,000]
048	0603466A	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	11,147	81,147
		Integration of distributed gain HEL laser weapon system		[35,000]
		Program increase		[35,000]
049	0603920A	HUMANTARIAN DEMINING	8,933	8,933
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	1,392,065	1,827,995
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
050	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	12,001	46,001
		Mobile Solid State High Power Microwave		[12,000]
		Position, Navigation, and Timing (PNT) Resiliency		[8,000]
		Sensing, Modeling, Analysis, Requirements, and Testing		[14,000]
051	0603308A	ARMY SPACE SYSTEMS INTEGRATION	17,945	21,445
		Mission Essential Weather Small Satellites		[3,500]
053	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	64,001	64,001
054	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	64,669	64,669
055	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	49,944	87,444
		AMPV—Hybrid electric vehicle		[37,500]
056	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	4,060	4,060
057	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	72,314	72,314
058	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	18,048	168,048
		IVAS—Army UPL		[150,000]
059	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	31,249	38,749
		Underwater Demilitarization of Munitions		[7,500]
060	0603790A	NATO RESEARCH AND DEVELOPMENT	3,805	3,805
061	0603801A	AVIATION—ADV DEV	1,162,344	1,180,484
		Program increase—Future Vertical Lift		[23,000]
		Unjustified growth—FLRAA MTA program management		[-4,860]
062	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	9,638	9,638
063	0603807A	MEDICAL SYSTEMS—ADV DEV	598	598
064	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	25,971	25,971
065	0604017A	ROBOTICS DEVELOPMENT	26,594	26,594
066	0604019A	EXPANDED MISSION AREA MISSILE (EMAM)	220,820	220,820
067	0604020A	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.	106,000	111,000
		Program increase		[5,000]
069	0604035A	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	35,509	35,509
070	0604036A	MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	49,932	49,932

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Line	Program Element	Item	FY 2023 Request	House Authorized
071	0604037A	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV ...	863	863
072	0604100A	ANALYSIS OF ALTERNATIVES	10,659	10,659
073	0604101A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	1,425	21,425
		Program Protection		[20,000]
074	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	95,719	100,719
		Identification Friend or Foe (IFF) modernization		[5,000]
075	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	382,147	422,147
		Program protection		[40,000]
076	0604115A	TECHNOLOGY MATURATION INITIATIVES	269,756	339,756
		Strategic long range cannon		[70,000]
077	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	225,147	225,147
078	0604119A	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	198,111	198,111
079	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	43,797	57,797
		ALTNAV—Army UPL		[14,000]
080	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTO- TYPING.	166,452	215,852
		AI prototype—Army UPL		[13,500]
		Call for Fire Trainer—Army UPL		[10,000]
		Program increase (STE live training systems)		[17,000]
		Program increase TSS/TMT and SVT—Army UPL		[8,900]
081	0604134A	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	15,840	15,840
082	0604135A	STRATEGIC MID-RANGE FIRES	404,291	404,291
083	0604182A	HYPERSONICS	173,168	223,168
		National Hypersonic Initiative—Develop Leap-Ahead Concepts and Capabilities.		[50,000]
084	0604403A	FUTURE INTERCEPTOR	8,179	8,179
085	0604531A	COUNTER—SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT.	35,110	35,110
086	0604541A	UNIFIED NETWORK TRANSPORT	36,966	76,966
		Common mounted form factor—Army UPL		[40,000]
089	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	55,677	55,677
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	4,098,749	4,642,789
SYSTEM DEVELOPMENT & DEMONSTRATION				
090	0604201A	AIRCRAFT AVIONICS	3,335	3,335
091	0604270A	ELECTRONIC WARFARE DEVELOPMENT	4,243	4,243
092	0604601A	INFANTRY SUPPORT WEAPONS	66,529	76,529
		Commercial magazine reliability testing		[5,000]
		Program increase		[5,000]
093	0604604A	MEDIUM TACTICAL VEHICLES	22,163	22,163
094	0604611A	JAVELIN	7,870	7,870
095	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	50,924	50,924
096	0604633A	AIR TRAFFIC CONTROL	2,623	2,623
097	0604641A	TACTICAL UNMANNED GROUND VEHICLE (TUGV)	115,986	115,986
098	0604642A	LIGHT TACTICAL WHEELED VEHICLES		10,049
		Electric light recon vehicle—Army UPL		[10,049]
099	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	71,287	71,287
100	0604710A	NIGHT VISION SYSTEMS—ENG DEV	62,679	84,179
		IVAS—Army UPL		[16,500]
		Third Generation Forward Looking Infrared (3GFLIR) FALCONS ...		[5,000]
101	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	1,566	1,566
102	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	18,600	18,600
103	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	39,541	35,541
		Program decrease		[−4,000]
104	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	29,570	29,570
105	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	5,178	5,178
106	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	8,189	8,189
109	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	21,228	21,228
110	0604802A	WEAPONS AND MUNITIONS—ENG DEV	263,778	259,178
		Program decrease		[−4,600]
111	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	41,669	63,369
		Chassis upgrade for ABV/JAB—Army UPL		[23,700]
112	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV ...	40,038	40,038
113	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIP- MENT—ENG DEV.	5,513	5,513
114	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	12,150	12,150
115	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFT- WARE.	111,690	111,690
116	0604820A	RADAR DEVELOPMENT	71,259	71,259
117	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GPEBS)	10,402	10,402
119	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	11,425	11,425
120	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	109,702	146,802
		Active protection system testing		[16,000]
		Army Aviation & Missile Center Digital Engineering Software pilot program.		[9,400]

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Line	Program Element	Item	FY 2023 Request	House Authorized
		<i>Autonomous Vehicle Test Bed</i>		[11,700]
121	0604854A	ARTILLERY SYSTEMS—EMD	23,106	23,106
122	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	124,475	124,475
123	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	67,564	47,564
		<i>Unjustified growth</i>		[-20,000]
125	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	17,950	17,950
126	0605031A	JOINT TACTICAL NETWORK (JTN)	30,169	30,169
128	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	11,523	11,523
130	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	33,029	33,029
131	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	4,497	4,497
132	0605047A	CONTRACT WRITING SYSTEM	23,487	13,487
		<i>Unjustified growth</i>		[-10,000]
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	19,123	19,123
134	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	131,093	131,093
135	0605053A	GROUND ROBOTICS	26,809	26,809
136	0605054A	EMERGING TECHNOLOGY INITIATIVES	185,311	259,311
		<i>Program increase (10kw–50kw DE-MSHORAD) and C-UAS P-HEL</i>		[70,000]
		<i>Threat Simulation Modeling (HNE-TSM)</i>		[4,000]
137	0605143A	BIOMETRICS ENABLING CAPABILITY (BEC)	11,091	11,091
138	0605144A	NEXT GENERATION LOAD DEVICE—MEDIUM	22,439	22,439
140	0605148A	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD	58,087	108,987
		<i>Army Requested Realignment from Procurement</i>		[50,900]
141	0605203A	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	119,516	143,616
		<i>CYBERCOM UPL—JCWA integration</i>		[24,100]
142	0605205A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)	6,530	6,530
143	0605224A	MULTI-DOMAIN INTELLIGENCE	19,911	19,911
145	0605231A	PRECISION STRIKE MISSILE (PRSM)	259,506	259,506
146	0605232A	HYPERSONICS EMD	633,499	633,499
147	0605233A	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	13,647	13,647
148	0605235A	STRATEGIC MID-RANGE CAPABILITY	5,016	5,016
149	0605236A	INTEGRATED TACTICAL COMMUNICATIONS	12,447	12,447
150	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	2,366	2,366
151	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	265,288	257,288
		<i>Program decrease</i>		[-8,000]
152	0605531A	COUNTER—SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION	14,892	14,892
153	0605625A	MANNED GROUND VEHICLE	589,762	589,762
154	0605766A	NATIONAL CAPABILITIES INTEGRATION (NIP)	17,030	17,030
155	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	9,376	9,376
156	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	2,959	2,959
157	0303032A	TROJAN—RH12	3,761	3,761
160	0304270A	ELECTRONIC WARFARE DEVELOPMENT	56,938	97,774
		<i>Service Tactical SIGINT Upgrades—INDOPACOM UPL</i>		[4,900]
		<i>Terrestrial Layer System EAB—Army UPL</i>		[35,936]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	4,031,334	4,276,919
		MANAGEMENT SUPPORT		
161	0604256A	THREAT SIMULATOR DEVELOPMENT	18,437	18,437
162	0604258A	TARGET SYSTEMS DEVELOPMENT	19,132	39,132
		<i>Small UAS engine development</i>		[20,000]
163	0604759A	MAJOR T&E INVESTMENT	107,706	107,706
164	0605103A	RAND ARROYO CENTER	35,542	35,542
165	0605301A	ARMY KWAJALEIN ATOLL	309,005	309,005
166	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	87,122	87,122
168	0605601A	ARMY TEST RANGES AND FACILITIES	401,643	401,643
169	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	37,962	72,962
		<i>Rapid Assurance Modernization Program—Test (RAMP-T)</i>		[35,000]
170	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	36,500	36,500
171	0605606A	AIRCRAFT CERTIFICATION	2,777	2,777
172	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,958	6,958
173	0605706A	MATERIEL SYSTEMS ANALYSIS	22,037	22,037
174	0605709A	EXPLOITATION OF FOREIGN ITEMS	6,186	6,186
175	0605712A	SUPPORT OF OPERATIONAL TESTING	70,718	70,718
176	0605716A	ARMY EVALUATION CENTER	67,058	67,058
177	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	6,097	6,097
178	0605801A	PROGRAMWIDE ACTIVITIES	89,793	89,793
179	0605803A	TECHNICAL INFORMATION ACTIVITIES	28,752	28,752
180	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	48,316	53,316
		<i>Agile Manufacturing for Advanced Armament Systems</i>		[5,000]
181	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,912	1,912
182	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	53,271	53,271
183	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	90,088	98,088
		<i>Technology Refresh for Reagan Test Site (RTS) Mission Control Centers.</i>		[8,000]
184	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	1,424	1,424
186	0606042A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	5,816	5,816

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Line	Program Element	Item	FY 2023 Request	House Authorized
		SUBTOTAL MANAGEMENT SUPPORT	1,554,252	1,622,252
		OPERATIONAL SYSTEMS DEVELOPMENT		
188	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	18,463	18,463
189	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	9,284	21,284
		Program increase		[12,000]
190	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	11,674	16,674
		Materials improvements		[5,000]
193	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	52,513	72,513
		Chinook 714C engine upgrade		[20,000]
194	0607139A	IMPROVED TURBINE ENGINE PROGRAM	228,036	228,036
195	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	11,312	11,312
196	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	512	512
197	0607145A	APACHE FUTURE DEVELOPMENT	10,074	35,074
		Program increase		[25,000]
198	0607148A	AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM.	62,559	62,559
199	0607150A	INTEL CYBER DEVELOPMENT	13,343	13,343
200	0607312A	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	26,131	26,131
201	0607313A	ELECTRONIC WARFARE DEVELOPMENT	6,432	6,432
202	0607665A	FAMILY OF BIOMETRICS	1,114	1,114
203	0607865A	PATRIOT PRODUCT IMPROVEMENT	152,312	162,312
		Patriot Obsolescence and Program Protection		[10,000]
204	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOC).	19,329	19,329
205	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	192,310	294,510
		Abrams modernization		[97,200]
		Auxiliary power unit development		[5,000]
206	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	136,680	136,680
207	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.		14,400
		Gray Eagle—M-code		[14,400]
208	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	148	148
209	0203758A	DIGITIZATION	2,100	2,100
210	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	3,109	53,109
		Stinger missile—Army UPL		[50,000]
211	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	9,027	9,027
212	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	793	793
213	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	20,180	20,180
214	0208053A	JOINT TACTICAL GROUND SYSTEM	8,813	8,813
217	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	17,209	17,209
218	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	27,100	27,100
219	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	18,321	18,321
222	0305179A	INTEGRATED BROADCAST SERVICE (IBS)	9,926	9,926
223	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	4,500	4,500
224	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	17,165	17,165
227	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	91,270	91,270
227A	999999999	CLASSIFIED PROGRAMS	6,664	6,664
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	1,188,403	1,427,003
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
228	0608041A	DEFENSIVE CYBER—SOFTWARE PROTOTYPE DEVELOPMENT	94,888	94,888
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	94,888	94,888
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	13,710,273	15,894,744
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	90,076	209,700
		Advanced autonomous robotics		[10,000]
		Program increase		[109,624]
003	0601153N	DEFENSE RESEARCH SCIENCES	499,116	499,116
		SUBTOTAL BASIC RESEARCH	589,192	708,816
		APPLIED RESEARCH		
004	0602114N	POWER PROJECTION APPLIED RESEARCH	22,953	38,953
		Next Generation Information Operations		[16,000]
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	133,426	194,926
		Additive Manufacturing of Unmanned Maritime Systems		[10,000]
		CPF—Resilient Autonomous Systems Research and Workforce Diversity.		[4,000]
		CPF—Talent and Technology for Navy Power and Energy Systems ...		[3,000]

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Line	Program Element	Item	FY 2023 Request	House Authorized
		Direct air capture and carbon removal technology program		[10,000]
		Intelligent Data Management for Distributed Naval Platforms		[10,500]
		Next Generation Integrated Power and Energy Systems		[10,500]
		Relative Positioning of Autonomous Platforms		[5,000]
		Resilient Autonomous Systems Research & Workforce Diversity		[8,500]
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	53,467	73,967
		Advanced lithium-ion batteries		[5,000]
		CPF—Unmanned Logistics Solutions for the U.S. Marine Corps		[3,000]
		Cyber, AI & LVC Tech Scouting & Workforce Development		[2,500]
		Unmanned logistics solutions		[10,000]
007	0602235N	COMMON PICTURE APPLIED RESEARCH	51,911	56,911
		Program increase		[5,000]
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	70,957	85,957
		Anti-corrosion coatings		[10,000]
		High mobility ground robots		[5,000]
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	92,444	112,444
		Chip Scale Open Architecture		[20,000]
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	74,622	84,622
		Undersea distributed sensing systems		[10,000]
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,700	6,700
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	58,111	87,111
		CPF—Persistent Maritime Surveillance		[4,000]
		Undersea vehicle technology partnerships		[20,000]
		UUV Research		[5,000]
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	173,641	205,641
		Program increase		[32,000]
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	31,649	31,649
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	120,637	146,237
		Advanced Concept of Operations—Navy UPL		[25,600]
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	81,296	81,296
		SUBTOTAL APPLIED RESEARCH	971,814	1,206,414
		ADVANCED TECHNOLOGY DEVELOPMENT		
017	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	16,933	16,933
018	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,253	8,253
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	280,285	284,885
		Program increase		[4,600]
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	14,048	14,048
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	251,267	251,267
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	60,704	60,704
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,999	19,999
		Multi-Medicine Manufacturing Platform		[15,000]
024	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	83,137	84,287
		Naval virtual innovation		[1,150]
025	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	2,007	2,007
026	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	144,122	230,422
		Advanced Concept of Operations—Navy UPL		[61,300]
		Scalable laser weapon system		[25,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	865,755	972,805
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
027	0603128N	UNMANNED AERIAL SYSTEM	96,883	96,883
028	0603178N	LARGE UNMANNED SURFACE VEHICLES (LUSV)	146,840	146,840
029	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	39,737	39,737
030	0603216N	AVIATION SURVIVABILITY	17,434	17,434
031	0603239N	NAVAL CONSTRUCTION FORCES	1,706	1,706
033	0603254N	ASW SYSTEMS DEVELOPMENT	15,986	15,986
034	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,562	3,562
035	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	18,628	66,828
		Advanced Concept of Operations—Navy UPL		[40,700]
		Data dissemination and interoperability		[7,500]
036	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	87,825	87,825
037	0603506N	SURFACE SHIP TORPEDO DEFENSE	473	6,623
		Nisic development		[6,150]
038	0603512N	CARRIER SYSTEMS DEVELOPMENT	11,567	11,567
039	0603525N	PILOT FISH	672,461	672,461
040	0603527N	RETRACT LARCH	7,483	7,483
041	0603536N	RETRACT JUNIPER	239,336	239,336
042	0603542N	RADIOLOGICAL CONTROL	772	772
043	0603553N	SURFACE ASW	1,180	1,180
044	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	105,703	110,703
		Program increase		[5,000]
045	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	10,917	10,917

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046	0603563N	SHIP CONCEPT ADVANCED DESIGN	82,205	101,205
		Additive Manufacturing in Ship Advanced Concept Design		[5,000]
		Advance LAW development		[4,000]
		Polymorphic Build Farms		[10,000]
047	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	75,327	75,327
048	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	227,400	227,400
049	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	176,600	185,600
		Lithium Iron Phosphate Batteries Integration		[9,000]
050	0603576N	CHALK EAGLE	91,584	91,584
051	0603581N	LITTORAL COMBAT SHIP (LCS)	96,444	106,344
		LCS Fire Control RADAR Demonstration		[9,900]
052	0603582N	COMBAT SYSTEM INTEGRATION	18,236	18,236
053	0603595N	OHIO REPLACEMENT	335,981	360,981
		Composites for Wet Submarine Application		[15,000]
		Program increase		[10,000]
054	0603596N	LCS MISSION MODULES	41,533	50,533
		Mine Countermeasures Mission Package Capacity and Wholeness— Navy UPL		[9,000]
055	0603597N	AUTOMATED TEST AND RE-TEST (ATRT)	9,773	9,773
056	0603599N	FRIGATE DEVELOPMENT	118,626	118,626
057	0603609N	CONVENTIONAL MUNITIONS	9,286	9,286
058	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	111,431	111,431
059	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	36,496	36,496
060	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	6,193	6,193
061	0603721N	ENVIRONMENTAL PROTECTION	21,647	21,647
062	0603724N	NAVY ENERGY PROGRAM	60,320	70,320
		Marine energy systems		[10,000]
063	0603725N	FACILITIES IMPROVEMENT	5,664	5,664
064	0603734N	CHALK CORAL	833,634	833,634
065	0603739N	NAVY LOGISTIC PRODUCTIVITY	899	899
066	0603746N	RETRACT MAPLE	363,973	363,973
067	0603748N	LINK PLUMERIA	1,038,661	1,038,661
068	0603751N	RETRACT ELM	83,445	83,445
069	0603764M	LINK EVERGREEN	313,761	313,761
070	0603790N	NATO RESEARCH AND DEVELOPMENT	8,041	8,041
071	0603795N	LAND ATTACK TECHNOLOGY	358	358
072	0603851M	JOINT NON-LETHAL WEAPONS TESTING	30,533	30,533
073	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/ VAL	18,628	18,628
074	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	65,080	65,080
075	0604014N	FA -18 INFRARED SEARCH AND TRACK (IRST)	40,069	40,069
076	0604027N	DIGITAL WARFARE OFFICE	165,753	165,753
077	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	106,347	106,347
078	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	60,697	60,697
079	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION	57,000	57,000
081	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80)	116,498	116,498
082	0604126N	LITTORAL AIRBORNE MCM	47,389	47,389
083	0604127N	SURFACE MINE COUNTERMEASURES	12,959	12,959
084	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM)	15,028	45,028
		Program increase—distributed aperture infrared countermeasure system		[30,000]
085	0604289M	NEXT GENERATION LOGISTICS	2,342	10,742
		Digital manufacturing data vault		[8,400]
086	0604292N	FUTURE VERTICAL LIFT (MARITIME STRIKE)	5,103	5,103
087	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	62,927	62,927
088	0604454N	LX (R)	26,630	26,630
089	0604536N	ADVANCED UNDERSEA PROTOTYPING	116,880	116,880
090	0604636N	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	7,438	7,438
091	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	84,734	109,734
		Research and development for a nuclear-capable sea-launched cruise missile		[25,000]
092	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT	10,229	10,229
093	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	124,204	261,304
		Hypersonic Offensive Anti-Surface Warfare Increment 2 (OASuW Inc 2)—Navy UPL		[34,100]
		Long Range Anti-Ship Missile (LRASM) AGM-158C-3 range improvement (Navy JASSM)—Navy UPL		[53,000]
		Long Range Anti-Ship Missile (LRSAM)		[50,000]
094	0605512N	MEDIUM UNMANNED SURFACE VEHICLES (MUSVS)	104,000	104,000
095	0605513N	UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES	181,620	166,620
		Program decrease		[-15,000]
096	0605514M	GROUND BASED ANTI-SHIP MISSILE	43,090	43,090
097	0605516M	LONG RANGE FIRES	36,693	36,693
098	0605518N	CONVENTIONAL PROMPT STRIKE (CPS)	1,205,041	1,225,041

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		<i>Full-Scale Rapid CPS Flight Tests</i>		[20,000]
099	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	9,856	9,856
100	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	1,735	23,535
		<i>KARGO</i>		[6,800]
		<i>Transition of the Autonomous Maritime Patrol Aircraft (AMPA)</i> <i>JCTD to Naval Aviation System Command (NAVAIR).</i>		[15,000]
101	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	796	796
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	8,405,310	8,773,860
		SYSTEM DEVELOPMENT & DEMONSTRATION		
102	0603208N	TRAINING SYSTEM AIRCRAFT	15,128	15,128
103	0604038N	MARITIME TARGETING CELL	39,600	39,600
104	0604212N	OTHER HELO DEVELOPMENT	66,010	66,010
105	0604214M	AV-SB AIRCRAFT—ENG DEV	9,205	9,205
106	0604215N	STANDARDS DEVELOPMENT	3,766	3,766
107	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	44,684	44,684
108	0604221N	P-3 MODERNIZATION PROGRAM	343	343
109	0604230N	WARFARE SUPPORT SYSTEM	12,337	12,337
110	0604231N	COMMAND AND CONTROL SYSTEMS	143,575	143,575
111	0604234N	ADVANCED HAWKEYE	502,956	482,956
		<i>Program decrease</i>		[-20,000]
112	0604245M	H-1 UPGRADES	43,759	58,559
		<i>H-1 Digital Interoperability (DI) Mobile User Objective System (MUOS).</i>		[14,800]
113	0604261N	ACOUSTIC SEARCH SENSORS	50,231	50,231
114	0604262N	V-22A	125,233	125,233
115	0604264N	AIR CREW SYSTEMS DEVELOPMENT	43,282	43,282
116	0604269N	EA-18	116,589	116,589
117	0604270N	ELECTRONIC WARFARE DEVELOPMENT	141,138	141,138
118	0604273M	EXECUTIVE HELO DEVELOPMENT	45,645	45,645
119	0604274N	NEXT GENERATION JAMMER (NGJ)	54,679	84,679
		<i>Program Increase—MidBand Capability</i>		[30,000]
120	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	329,787	314,787
		<i>Program decrease</i>		[-15,000]
121	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	301,737	151,737
		<i>Program delay</i>		[-150,000]
122	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	347,233	347,233
124	0604329N	SMALL DIAMETER BOMB (SDB)	42,881	42,881
125	0604366N	STANDARD MISSILE IMPROVEMENTS	319,943	342,943
		<i>SM-6 Rocket Motor Industrial Base Expansion</i>		[23,000]
126	0604373N	AIRBORNE MCM	10,882	10,882
127	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	45,892	45,892
129	0604501N	ADVANCED ABOVE WATER SENSORS	81,254	81,254
130	0604503N	SSN-688 AND TRIDENT MODERNIZATION	93,501	103,001
		<i>Submarine Electronic Warfare Capability Improvements</i>		[9,500]
131	0604504N	AIR CONTROL	39,138	39,138
132	0604512N	SHIPBOARD AVIATION SYSTEMS	11,759	11,759
133	0604518N	COMBAT INFORMATION CENTER CONVERSION	11,160	11,160
134	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	87,459	87,459
135	0604530N	ADVANCED ARRESTING GEAR (AAG)	151	151
136	0604558N	NEW DESIGN SSN	307,585	504,985
		<i>Accelerated design</i>		[188,900]
		<i>Advanced Submarine Control</i>		[8,500]
137	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	58,741	58,741
138	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	60,791	60,791
139	0604574N	NAVY TACTICAL COMPUTER RESOURCES	4,177	4,177
140	0604601N	MINE DEVELOPMENT	60,793	105,793
		<i>INDOPACOM UPL—Anti-Surface Warfare (ASuW) Hammerhead Mine.</i>		[25,000]
		<i>Quickstrike Powered Mines</i>		[20,000]
141	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	142,000	142,000
142	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,618	8,618
143	0604657M	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS—ENG DEV.	45,025	45,025
144	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	7,454	7,454
145	0604727N	JOINT STANDOFF WEAPON SYSTEMS	758	758
146	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	159,426	159,426
147	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	71,818	71,818
148	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	92,687	127,087
		<i>Counter-Command, Control, Communications, Computers and Combat Systems Intelligence, Surveillance and Reconnaissance and Targeting (C-C5ISR&T)—Navy UPL.</i>		[29,400]
		<i>Small Ship EW Self Protection Demonstration</i>		[5,000]
149	0604761N	INTELLIGENCE ENGINEERING	23,742	23,742
150	0604771N	MEDICAL DEVELOPMENT	3,178	3,178
151	0604777N	NAVIGATION/ID SYSTEM	53,209	53,209

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152	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	611	611
153	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	234	234
154	0604850N	SSN(X)	143,949	143,949
155	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	11,361	11,361
156	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	290,353	295,353
		High performance data analytics		[10,000]
		Navy ePS—early to need		[-5,000]
157	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	7,271	7,271
158	0605180N	TACAMO MODERNIZATION	554,193	554,193
159	0605212M	CH-53K RDTE	220,240	224,240
		CPF—High-Energy Density and High-Power Density Li-Ion Battery Magazines (HEBM) in Defense Applications.		[4,000]
160	0605215N	MISSION PLANNING	71,107	71,107
161	0605217N	COMMON AVIONICS	77,960	77,960
162	0605220N	SHIP TO SHORE CONNECTOR (SSC)	2,886	10,106
		Program increase		[7,220]
163	0605327N	T-AO 205 CLASS	220	220
164	0605414N	UNMANNED CARRIER AVIATION (UCA)	265,646	265,646
165	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM)	371	371
166	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	37,939	37,939
167	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	161,697	161,697
168	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	94,569	94,569
169	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOP- MENT & DEMONSTRATION.	2,856	2,856
170	0204202N	DDG-1000	197,436	197,436
171	0301377N	COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW)	12,341	22,341
		Threat Mosaic Warfare		[10,000]
175	0304785N	ISR & INFO OPERATIONS	135,366	135,366
176	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	37,038	37,038
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	6,606,583	6,801,903
		MANAGEMENT SUPPORT		
177	0604256N	THREAT SIMULATOR DEVELOPMENT	29,430	29,430
178	0604258N	TARGET SYSTEMS DEVELOPMENT	13,708	13,708
179	0604759N	MAJOR T&E INVESTMENT	95,316	97,316
		AUTEK data fusion capabilities		[2,000]
180	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,286	3,286
181	0605154N	CENTER FOR NAVAL ANALYSES	40,624	40,624
183	0605804N	TECHNICAL INFORMATION SERVICES	987	987
184	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	105,152	165,152
		NRE project backlog reduction		[60,000]
185	0605856N	STRATEGIC TECHNICAL SUPPORT	3,787	3,787
186	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	173,352	173,352
187	0605864N	TEST AND EVALUATION SUPPORT	468,281	468,281
188	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	27,808	27,808
189	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	27,175	27,175
190	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	7,186	7,186
191	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	39,744	39,744
192	0605898N	MANAGEMENT HQ—R&D	40,648	40,648
193	0606355N	WARFARE INNOVATION MANAGEMENT	52,060	52,060
194	0305327N	INSIDER THREAT	2,315	2,315
195	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT AC- TIVITIES).	1,811	1,811
		SUBTOTAL MANAGEMENT SUPPORT	1,132,670	1,194,670
		OPERATIONAL SYSTEMS DEVELOPMENT		
198	0603273N	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS ...	65,735	65,735
201	0604840M	F-35 C2D2	525,338	525,338
202	0604840N	F-35 C2D2	491,513	491,513
203	0605520M	MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS	48,663	48,663
204	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	156,121	156,121
205	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	284,502	304,502
		D5LE2 Risk Reduction		[20,000]
206	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	50,939	50,939
207	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	81,237	88,237
		Program increase		[7,000]
208	0101402N	NAVY STRATEGIC COMMUNICATIONS	49,424	49,424
209	0204136N	F/A-18 SQUADRONS	238,974	242,974
		Jet Noise Reduction		[4,000]
210	0204228N	SURFACE SUPPORT	12,197	12,197
211	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	132,719	132,719
212	0204311N	INTEGRATED SURVEILLANCE SYSTEM	68,417	82,917
		Deployable Surveillance System, Deep Water Active		[14,500]
213	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	1,188	1,188
214	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	1,789	1,789

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Line	Program Element	Item	FY 2023 Request	House Authorized
215	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	61,422	85,422
		GATOR air traffic control development—USMC UPL		[24,000]
216	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	70,339	70,339
217	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	47,436	47,436
218	0205601N	ANTI-RADIATION MISSILE IMPROVEMENT	90,779	90,779
219	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	28,999	28,999
220	0205632N	MK-48 ADCAP	155,868	155,868
221	0205633N	AVIATION IMPROVEMENTS	130,450	130,450
222	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	121,439	121,439
223	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	114,305	114,305
		Classified—USMC UPL		[5,000]
		Program decrease		[-5,000]
224	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...	14,865	14,865
225	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	100,536	113,736
		Program Increase—USMC UPL		[6,600]
		Tactical Warfare Simulation improvements—USMC UPL		[6,600]
226	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	26,522	26,522
227	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...	51,976	51,976
228	0206629M	AMPHIBIOUS ASSAULT VEHICLE	8,246	8,246
229	0207161N	TACTICAL AIM MISSILES	29,236	29,236
230	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	30,898	30,898
231	0208043N	PLANNING AND DECISION AID SYSTEM (PDAS)	3,609	3,609
236	0303138N	AFLOAT NETWORKS	45,693	45,693
237	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	33,752	33,752
238	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	8,415	8,415
239	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	10,576	10,576
240	0305205N	UAS INTEGRATION AND INTEROPERABILITY	18,373	18,373
241	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	45,705	41,705
		Program decrease		[-4,000]
242	0305220N	MQ-4C TRITON	13,893	-1,107
		Program decrease		[-15,000]
243	0305231N	MQ-8 UAV		13,100
		Costs associated with restoring 5 LCS		[13,100]
244	0305232M	RQ-11 UAV	1,234	1,234
245	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLo)	3,761	3,761
247	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	56,261	56,261
248	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	9,780	9,780
249	0305251N	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	36,505	36,505
250	0305421N	RQ-4 MODERNIZATION	163,277	163,277
251	0307577N	INTELLIGENCE MISSION DATA (IMD)	851	851
252	0308601N	MODELING AND SIMULATION SUPPORT	9,437	24,437
		Multi-physics simulation		[15,000]
253	0702207N	DEPOT MAINTENANCE (NON-IP)	26,248	26,248
254	0708730N	MARITIME TECHNOLOGY (MARITECH)	2,133	2,133
255A	9999999999	CLASSIFIED PROGRAMS	1,701,811	1,714,591
		Program increase		[12,780]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	5,483,386	5,587,966
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PRO-		
		GRAMS		
256	0608013N	RISK MANAGEMENT INFORMATION—SOFTWARE PILOT PRO-	12,810	12,810
		GRAM.		
257	0608231N	MARITIME TACTICAL COMMAND AND CONTROL (MTC2)—SOFT-	11,198	11,198
		WARE PILOT PROGRAM.		
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY	24,008	24,008
		PILOT PROGRAMS.		
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL,	24,078,718	25,270,442
		NAVY.		
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		BASIC RESEARCH		
001	0601102F	DEFENSE RESEARCH SCIENCES	375,325	455,397
		Drone medic platform		[5,000]
		Program increase		[75,072]
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	171,192	177,542
		CPF—Aeromedical Research Center		[2,350]
		CPF—GHz-THz Antenna Systems for Massive Data Transmissions in		[4,000]
		Real-Time.		
		SUBTOTAL BASIC RESEARCH	546,517	632,939
		APPLIED RESEARCH		
004	0602020F	FUTURE AF CAPABILITIES APPLIED RESEARCH	88,672	88,672
005	0602102F	MATERIALS	134,795	144,795
		Thermal protection for hypersonic vehicles		[10,000]
006	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	159,453	175,953
		Aeromechanics and integration		[10,000]
		Rapid aerospace fabrication technology		[6,500]

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007	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	135,771	160,842
		Digital engineering and prototype capability		[20,071]
		Program increase		[5,000]
008	0602203F	AEROSPACE PROPULSION	172,861	172,861
009	0602204F	AEROSPACE SENSORS	192,733	197,733
		Program increase		[5,000]
011	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD- QUARTERS ACTIVITIES.	8,856	8,856
012	0602602F	CONVENTIONAL MUNITIONS	137,303	147,303
		Advanced hypersonic propulsion		[10,000]
013	0602605F	DIRECTED ENERGY TECHNOLOGY	109,302	104,947
		AI-enabled decisionmaking		[4,000]
		Technical realignment		[-8,335]
014	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	166,041	260,041
		AI for networks		[10,000]
		Internet of Things Laboratory		[7,000]
		Multi-Edge Computing Command and Control		[12,000]
		Program increase		[10,000]
		Quantum testbed		[10,000]
		Trapped ion quantum computer		[30,000]
		Trusted computing base for mission flight computer		[5,000]
		UAS traffic management		[10,000]
		SUBTOTAL APPLIED RESEARCH	1,305,787	1,462,003
ADVANCED TECHNOLOGY DEVELOPMENT				
016	0603032F	FUTURE AF INTEGRATED TECHNOLOGY DEMOS	152,559	146,559
		Automated geospatial intelligence detection algorithm		[9,000]
		Insufficient justification		[-15,000]
017	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	29,116	53,116
		FSS & UWB radome production		[9,000]
		Metals Affordability Initiative		[15,000]
018	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	10,695	10,695
019	0603203F	ADVANCED AEROSPACE SENSORS	36,997	36,997
020	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	54,727	86,820
		Airborne Missile Defense Beam Director Development and Flight En- vironmental Qualification.		[10,000]
		Modular Open Autonomous Software Testing		[5,600]
		Program increase		[25,000]
		Technical realignment		[-8,507]
021	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	64,254	96,511
		Attributable combat UAV propulsion		[13,750]
		Program increase		[10,000]
		Technical realignment		[8,507]
022	0603270F	ELECTRONIC COMBAT TECHNOLOGY	33,380	48,380
		High speed expendable turbooramjets		[5,000]
		Program increase		[10,000]
023	0603273F	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS ...	39,431	39,431
026	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOP- MENT.	20,652	20,652
027	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	187,374	187,374
028	0603605F	ADVANCED WEAPONS TECHNOLOGY	98,503	98,503
029	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	47,759	69,759
		Agile Factory Floor for Depot Sustainment		[8,000]
		Carbon/carbon for hypersonics		[10,000]
		CPF—Additive Manufacturing and Ultra-High Performance Concrete		[4,000]
030	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	51,824	51,824
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	827,271	946,621
ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
031	0603036F	MODULAR ADVANCED MISSILE	125,688	125,688
032	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	6,101	6,101
033	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	17,318	17,318
034	0603790F	NATO RESEARCH AND DEVELOPMENT	4,295	4,295
035	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	46,432	46,432
036	0604001F	NC3 ADVANCED CONCEPTS	5,098	5,098
038	0604003F	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	231,408	200,408
		Program decrease		[-31,000]
039	0604004F	ADVANCED ENGINE DEVELOPMENT	353,658	503,658
		AETP		[150,000]
040	0604006F	DEPT OF THE AIR FORCE TECH ARCHITECTURE	66,615	66,615
041	0604015F	LONG RANGE STRIKE—BOMBER	3,253,584	3,253,584
042	0604032F	DIRECTED ENERGY PROTOTYPING	4,269	4,269
043	0604033F	HYPERSONICS PROTOTYPING	431,868	172,547
		Flight in Relevant Environments (FIRE) increase		[11,000]
		Technical realignment		[-270,321]
044	0604183F	HYPERSONICS PROTOTYPING—HYPERSONIC ATTACK CRUISE MISSILE (HACM).	144,891	461,778

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		<i>Technical realignment</i>		[316,887]
045	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	12,010	12,010
046	0604257F	ADVANCED TECHNOLOGY AND SENSORS	13,311	13,311
047	0604288F	SURVIVABLE AIRBORNE OPERATIONS CENTER	203,213	203,213
048	0604317F	TECHNOLOGY TRANSFER	16,759	16,759
049	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	106,826	141,826
		<i>Program Increase—Replace Expended Inventory</i>		[35,000]
050	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	44,526	44,526
051	0604668F	JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS)	51,758	51,758
052	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	27,586	27,586
053	0604858F	TECH TRANSITION PROGRAM	649,545	600,795
		<i>Program increase</i>		[9,250]
		<i>Technical realignment</i>		[-58,000]
054	0604860F	OPERATIONAL ENERGY AND INSTALLATION RESILIENCE		15,500
		<i>Technical realignment</i>		[15,500]
055	0605230F	GROUND BASED STRATEGIC DETERRENT		3,000
		<i>ICBM transition readiness modeling and simulation</i>		[3,000]
056	0207110F	NEXT GENERATION AIR DOMINANCE	1,657,733	1,608,233
		<i>Program decrease</i>		[-49,500]
057	0207179F	AUTONOMOUS COLLABORATIVE PLATFORMS	51,747	51,747
058	0207420F	COMBAT IDENTIFICATION	1,866	1,866
059	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	14,490	14,490
060	0207522F	AIRBASE AIR DEFENSE SYSTEMS (ABADS)	52,498	48,498
		<i>Program decrease</i>		[-4,000]
061	0208030F	WAR RESERVE MATERIEL—AMMUNITION	10,288	10,288
064	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	37,460	37,460
065	0305601F	MISSION PARTNER ENVIRONMENTS	17,378	17,378
066	0306250F	CYBER OPERATIONS TECHNOLOGY SUPPORT	234,576	286,476
		<i>Joint Cyber Warfighting Architecture—CYBERCOM UPL</i>		[51,900]
067	0306415F	ENABLED CYBER ACTIVITIES	16,728	16,728
070	0808737F	CVV INTEGRATED PREVENTION	9,315	9,315
071	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	14,050	14,050
072	1206415F	U.S. SPACE COMMAND RESEARCH AND DEVELOPMENT SUP- PORT.	10,350	10,350
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	7,945,238	8,124,954
		SYSTEM DEVELOPMENT & DEMONSTRATION		
073	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	9,879	9,879
074	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	176,824	176,824
075	0604222F	NUCLEAR WEAPONS SUPPORT	64,425	64,425
076	0604270F	ELECTRONIC WARFARE DEVELOPMENT	2,222	2,222
077	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	133,117	133,117
078	0604287F	PHYSICAL SECURITY EQUIPMENT	8,493	8,493
079	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	5,279	5,279
080	0604604F	SUBUNITIONS	3,273	3,273
081	0604617F	AGILE COMBAT SUPPORT	14,252	14,252
083	0604706F	LIFE SUPPORT SYSTEMS	47,442	47,442
084	0604735F	COMBAT TRAINING RANGES	91,284	91,284
086	0604932F	LONG RANGE STANDOFF WEAPON	928,850	928,850
087	0604933F	ICBM FUZE MODERNIZATION	98,376	98,376
088	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	2,222	2,222
089	0605056F	OPEN ARCHITECTURE MANAGEMENT	38,222	38,222
090	0605223F	ADVANCED PILOT TRAINING	37,121	37,121
091	0605229F	HII-60W	58,974	58,974
092	0605238F	GROUND BASED STRATEGIC DETERRENT EMD	3,614,290	3,614,290
094	0207171F	F-15 EPAWSS	67,956	67,956
095	0207279F	ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY	27,881	27,881
096	0207328F	STAND IN ATTACK WEAPON	283,152	283,152
097	0207701F	FULL COMBAT MISSION TRAINING	3,028	12,528
		<i>Airborne Augmented Reality</i>		[9,500]
102	0401221F	KC-46A TANKER SQUADRONS	197,510	197,510
103	0401319F	VC-25B	492,932	392,932
		<i>Program decrease</i>		[-100,000]
104	0701212F	AUTOMATED TEST SYSTEMS	16,664	16,664
105	0804772F	TRAINING DEVELOPMENTS	15,138	15,138
107	1206442F	NEXT GENERATION OPIR	148	148
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	6,438,954	6,348,454
		MANAGEMENT SUPPORT		
108	0604256F	THREAT SIMULATOR DEVELOPMENT	21,067	56,067
		<i>Program increase</i>		[35,000]
109	0604759F	MAJOR T&E INVESTMENT	44,714	74,714
		<i>Program increase</i>		[30,000]
110	0605101F	RAND PROJECT AIR FORCE	37,921	37,921
111	0605502F	SMALL BUSINESS INNOVATION RESEARCH	86	86

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112	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	13,926	13,926
113	0605807F	TEST AND EVALUATION SUPPORT	826,854	826,854
115	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	255,995	283,995
		<i>Technical realignment</i>		[28,000]
116	0605828F	ACQ WORKFORCE- GLOBAL REACH	457,589	457,589
117	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	459,223	473,423
		<i>Technical realignment</i>		[14,200]
118	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT	3,696	3,696
119	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION	229,610	253,610
		<i>Technical realignment</i>		[24,000]
120	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	92,648	67,361
		<i>Technical realignment</i>		[-25,287]
121	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS	241,226	236,382
		<i>Technical realignment</i>		[-4,844]
122	0605898F	MANAGEMENT HQ—R&D	4,347	5,624
		<i>Technical realignment</i>		[1,277]
123	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT	77,820	77,820
124	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	31,561	31,561
125	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	101,844	101,844
126	0606398F	MANAGEMENT HQ—T&E	6,285	6,285
127	0303166F	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	556	556
128	0303255F	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4)—STRATCOM	15,559	35,559
		<i>Establishment and initial operations of the NC3 Rapid Engineering Architecture Collaboration Hub (REACH)</i>		[20,000]
129	0308602F	ENTERPRISE INFORMATION SERVICES (EIS)	83,231	83,231
130	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	24,306	24,306
131	0804731F	GENERAL SKILL TRAINING	871	871
134	1001004F	INTERNATIONAL ACTIVITIES	2,593	2,593
		SUBTOTAL MANAGEMENT SUPPORT	3,033,528	3,155,874
		OPERATIONAL SYSTEMS DEVELOPMENT		
136	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	18,037	18,037
138	0604617F	AGILE COMBAT SUPPORT	8,199	8,199
139	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	156	156
140	0604840F	F-35 C2D2	1,014,708	1,014,708
141	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	37,901	32,901
		<i>Insufficient justification</i>		[-5,000]
142	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	50,066	50,066
143	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	80,338	80,338
144	0605278F	HC/MC-130 RECAP RDT&E	47,994	17,994
		<i>Program decrease</i>		[-30,000]
145	0606018F	NC3 INTEGRATION	23,559	23,559
147	0101113F	B-52 SQUADRONS	770,313	689,313
		<i>Program decrease</i>		[-81,000]
148	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	571	571
149	0101126F	B-1B SQUADRONS	13,144	30,144
		<i>Hypersonic Integration Validation Testing</i>		[17,000]
150	0101127F	B-2 SQUADRONS	111,990	111,990
151	0101213F	MINUTEMAN SQUADRONS	69,650	69,650
152	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	22,725	22,725
153	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK	3,180	3,180
154	0101328F	ICBM REENTRY VEHICLES	118,616	118,616
156	0102110F	UH-1N REPLACEMENT PROGRAM	17,922	17,922
157	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM	451	31,951
		<i>Multi-Domain Operations modernization development</i>		[31,500]
158	0102412F	NORTH WARNING SYSTEM (NWS)	76,910	76,910
159	0102417F	OVER-THE-HORIZON BACKSCATTER RADAR	12,210	17,210
		<i>Ultra-wide band receiver</i>		[5,000]
160	0202834F	VEHICLES AND SUPPORT EQUIPMENT—GENERAL	14,483	14,483
161	0205219F	MQ-9 UAV	98,499	98,499
162	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE	1,747	1,747
163	0207040F	MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT	23,195	30,195
		<i>AI for EW</i>		[7,000]
164	0207131F	A-10 SQUADRONS	72,393	72,393
165	0207133F	F-16 SQUADRONS	244,696	244,696
166	0207134F	F-15E SQUADRONS	213,272	213,272
167	0207136F	MANNED DESTRUCTIVE SUPPRESSION	16,695	16,695
168	0207138F	F-22A SQUADRONS	559,709	559,709
169	0207142F	F-35 SQUADRONS	70,730	70,730
170	0207146F	F-15EX	83,830	83,830
171	0207161F	TACTICAL AIM MISSILES	34,536	34,536
172	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	52,704	52,704
173	0207227F	COMBAT RESCUE—PARARESCUE	863	863
174	0207247F	AF TENCAP	23,309	23,309
175	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	12,722	12,722

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Line	Program Element	Item	FY 2023 Request	House Authorized
176	0207253F	COMPASS CALL	49,054	49,054
177	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	116,087	116,087
178	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	117,198	129,198
		Software Update		[12,000]
179	0207327F	SMALL DIAMETER BOMB (SDB)	27,713	77,713
		Technology refresh & improvement—Air Force UPL		[50,000]
181	0207412F	CONTROL AND REPORTING CENTER (CRC)	6,615	12,815
		Combat Air Intelligence Systems		[6,200]
182	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	239,658	237,658
		Early to need—communication network upgrade		[-2,000]
183	0207418F	AFSPECWAR—TACP	5,982	5,982
185	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	23,504	23,504
186	0207438F	THEATER BATTLE MANAGEMENT (TBM) C/I	5,851	5,851
187	0207439F	ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)	15,990	15,990
188	0207444F	TACTICAL AIR CONTROL PARTY-MOD	10,315	10,315
189	0207452F	DCAPES	8,049	8,049
190	0207521F	AIR FORCE CALIBRATION PROGRAMS	2,123	2,123
192	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	2,039	2,039
193	0207590F	SEEK EAGLE	32,853	32,853
194	0207601F	USAF MODELING AND SIMULATION	19,341	19,341
195	0207605F	WARGAMING AND SIMULATION CENTERS	7,004	7,004
197	0207697F	DISTRIBUTED TRAINING AND EXERCISES	4,628	4,628
198	0208006F	MISSION PLANNING SYSTEMS	99,214	99,214
199	0208007F	TACTICAL DECEPTION	17,074	17,074
200	0208064F	OPERATIONAL HQ—CYBER	2,347	2,347
201	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS	76,592	113,892
		Joint Cyber Warfighting Architecture—CYBERCOM UPL		[37,300]
202	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	8,367	8,367
203	0208097F	JOINT CYBER COMMAND AND CONTROL (JCC2)	80,740	80,740
204	0208099F	UNIFIED PLATFORM (UP)	107,548	107,548
208	0208288F	INTEL DATA APPLICATIONS	1,065	1,065
209	0301025F	GEOBASE	2,928	2,928
211	0301113F	CYBER SECURITY INTELLIGENCE SUPPORT	8,972	8,972
218	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS	3,069	3,069
219	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	25,701	25,701
220	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	41,171	41,171
221	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	70,582	70,582
224	0303260F	JOINT MILITARY DECEPTION INITIATIVE	2,588	2,588
226	0304260F	AIRBORNE SIGINT ENTERPRISE	108,528	115,528
		Special Mission Airborne SIGINT Enterprise Technology		[7,000]
227	0304310F	COMMERCIAL ECONOMIC ANALYSIS	4,542	4,542
230	0305015F	C2 AIR OPERATIONS SUITE—C2 INFO SERVICES	8,097	8,097
231	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,751	1,751
232	0305022F	ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	13,138	33,138
		All-domain multi-sensor and multi-intelligence data fusion		[10,000]
		Operationalize foreign language exploitation capabilities		[10,000]
233	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,895	4,895
234	0305103F	CYBER SECURITY INITIATIVE	91	91
235	0305111F	WEATHER SERVICE	11,716	21,716
		Commercial weather data pilot		[10,000]
236	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL)	8,511	8,511
237	0305116F	AERIAL TARGETS	1,365	1,365
240	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	223	223
241	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	8,328	8,328
243	0305179F	INTEGRATED BROADCAST SERVICE (IBS)	22,123	22,123
244	0305202F	DRAGON U-2	20,170	20,170
245	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	55,048	80,048
		Sensor Open Systems Architecture		[20,000]
		Wide Area Motion Imagery		[5,000]
246	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,590	14,590
247	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	26,901	26,901
248	0305220F	RQ-4 UAV	68,801	68,801
249	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	17,564	17,564
250	0305238F	NATO AGS	826	826
251	0305240F	SUPPORT TO DCGS ENTERPRISE	28,774	28,774
252	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES	15,036	15,036
253	0305881F	RAPID CYBER ACQUISITION	3,739	3,739
254	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,702	2,702
255	0307577F	INTELLIGENCE MISSION DATA (IMD)	6,332	6,332
256	0401115F	C-130 AIRLIFT SQUADRON	407	407
257	0401119F	C-5 AIRLIFT SQUADRONS (IF)	6,100	6,100
258	0401130F	C-17 AIRCRAFT (IF)	25,387	31,887
		IR Suppression		[6,500]
259	0401132F	C-130J PROGRAM	11,060	21,060

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Line	Program Element	Item	FY 2023 Request	House Authorized
		Winglets		[10,000]
260	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCМ)	2,909	2,909
261	0401218F	KC-135S	12,955	12,955
262	0401318F	CV-22	10,121	10,121
263	0408011F	SPECIAL TACTICS / COMBAT CONTROL	6,297	6,297
264	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM	19,892	23,892
		CPF—Aviation Training Academy of the Future		[4,000]
265	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	5,271	5,271
267	0804743F	OTHER FLIGHT TRAINING	2,214	2,214
269	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,164	2,164
270	0901218F	CIVILIAN COMPENSATION PROGRAM	4,098	4,098
271	0901220F	PERSONNEL ADMINISTRATION	3,191	3,191
272	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	899	899
273	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	5,421	5,421
276	1202140F	SERVICE SUPPORT TO SPACECOM ACTIVITIES	13,766	13,766
276A	999999999	CLASSIFIED PROGRAMS	17,240,641	17,271,641
		Program increase		[31,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	23,090,569	23,252,069
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
278	0608158F	STRATEGIC MISSION PLANNING AND EXECUTION SYSTEM—SOFTWARE PILOT PROGRAM	100,167	100,167
279	0608410F	AIR & SPACE OPERATIONS CENTER (AOC)—SOFTWARE PILOT PROGRAM	177,827	177,827
280	0608920F	DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS)—SOFTWARE PILOT PRO.	136,202	136,202
281	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS	37,346	0
		Technical realignment		[-37,346]
282	0308605F	AIR FORCE DEFENSIVE CYBER SYSTEMS (AFDCS)—SOFTWARE PILOT PROGRAM	240,926	240,926
283	0308606F	ALL DOMAIN COMMON PLATFORM (ADCP)—SOFTWARE PILOT PROGRAM	190,112	190,112
284	0308607F	AIR FORCE WEATHER PROGRAMS—SOFTWARE PILOT PROGRAM	58,063	58,063
285	0308608F	ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)—SOFTWARE PILOT PROGRAM	5,794	5,794
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	946,437	909,091
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	44,134,301	44,832,005
		RDTE, SPACE FORCE APPLIED RESEARCH		
002	12066018F	SPACE TECHNOLOGY	243,737	278,892
		Advanced Analog Microelectronics		[6,800]
		AI for space technology		[5,000]
		Technical realignment		[8,355]
		University Consortia for Space Technology		[15,000]
		SUBTOTAL APPLIED RESEARCH	243,737	278,892
		ADVANCED TECHNOLOGY DEVELOPMENT		
003	12063108F	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT	460,820	526,820
		Defense in depth as mission assurance for spacecraft		[20,000]
		Multilevel, Secure, Autonomous Mission Operations at AFRL		[20,000]
		Program increase		[26,000]
004	12066168F	SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO	103,395	80,168
		Reduce follow-on tranches		[-26,000]
		Technical realignment		[2,773]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	564,215	606,988
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
005	06040028F	SPACE FORCE WEATHER SERVICES RESEARCH	816	816
006	12031648F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	382,594	382,594
007	12036228F	SPACE WARFIGHTING ANALYSIS	44,791	44,791
008	12037108F	EO/IR WEATHER SYSTEMS	96,519	96,519
010	12064108F	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	986,822	990,822
		C2BMC integration		[4,000]
012	12064258F	SPACE SITUATION AWARENESS SYSTEMS	230,621	230,621
013	12064278F	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	106,252	106,252
014	12064388F	SPACE CONTROL TECHNOLOGY	57,953	69,953
		Program increase		[12,000]
016	12067308F	SPACE SECURITY AND DEFENSE PROGRAM	59,169	59,169

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017	1206760SF	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	121,069	121,069
018	1206761SF	PROTECTED TACTICAL SERVICE (PTS)	294,828	294,828
019	1206855SF	EVOLVED STRATEGIC SATCOM (ESS)	565,597	565,597
020	1206857SF	SPACE RAPID CAPABILITIES OFFICE	45,427	45,427
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	2,992,458	3,008,458
		SYSTEM DEVELOPMENT & DEMONSTRATION		
021	1203269SF	GPS III FOLLOW-ON (GPS III/F)	325,927	325,927
022	1203940SF	SPACE SITUATION AWARENESS OPERATIONS	49,628	49,628
023	1206421SF	COUNTERSPACE SYSTEMS	21,848	21,848
024	1206422SF	WEATHER SYSTEM FOLLOW-ON	48,870	48,870
025	1206425SF	SPACE SITUATION AWARENESS SYSTEMS	105,140	105,140
026	1206431SF	ADVANCED EHF MILSATCOM (SPACE)	11,701	11,701
027	1206432SF	POLAR MILSATCOM (SPACE)	67,465	67,465
028	1206433SF	WIDEBAND GLOBAL SATCOM (SPACE)	48,438	48,438
029	1206440SF	NEXT-GEN OPIR—GROUND		612,529
		Technical realignment		[612,529]
030	1206442SF	NEXT GENERATION OPIR	3,479,459	253,801
		Technical realignment		[-3,225,658]
031	1206443SF	NEXT-GEN OPIR—GEO		1,713,933
		Technical realignment		[1,713,933]
032	1206444SF	NEXT-GEN OPIR—POLAR		899,196
		Technical realignment		[899,196]
033	1206445SF	COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	23,513	23,513
034	1206446SF	RESILIENT MISSILE WARNING MISSILE TRACKING—LOW EARTH ORBIT (LEO).	499,840	525,637
		Technical realignment		[25,797]
035	1206447SF	RESILIENT MISSILE WARNING MISSILE TRACKING—MEDIUM EARTH ORBIT (MEO).	139,131	303,930
		Technical realignment		[164,799]
036	1206448SF	RESILIENT MISSILE WARNING MISSILE TRACKING—INTEGRATED GROUND SEGMENT.	390,596	0
		Technical realignment		[-390,596]
037	1206853SF	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE)—EMD Increase EMD for NSSL Phase 3 and beyond activities	124,103	154,103
				[30,000]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	5,335,659	5,165,659
		MANAGEMENT SUPPORT		
039	1206116SF	SPACE TEST AND TRAINING RANGE DEVELOPMENT	21,453	21,453
040	1206392SF	ACQ WORKFORCE—SPACE & MISSILE SYSTEMS	253,716	253,716
041	1206398SF	SPACE & MISSILE SYSTEMS CENTER—MHA	13,962	20,962
		Spacecraft Range System improvements		[7,000]
042	1206616SF	SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO	2,773	0
		Technical realignment		[-2,773]
043	1206759SF	MAJOR T&E INVESTMENT—SPACE	89,751	89,751
044	1206860SF	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	17,922	17,922
045	1206862SF	TACTICALLY RESPONSIVE LAUNCH		100,000
		Continue Tactically Responsive Space		[75,000]
		Program increase		[25,000]
046	1206864SF	SPACE TEST PROGRAM (STP)	25,366	25,366
		SUBTOTAL MANAGEMENT SUPPORT	424,943	529,170
		OPERATIONAL SYSTEM DEVELOPMENT		
048	1201017SF	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	5,321	5,321
049	1203001SF	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	128,243	128,243
050	1203040SF	DCO-SPACE	28,162	28,162
051	1203109SF	NARROWBAND SATELLITE COMMUNICATIONS	165,892	165,892
052	1203110SF	SATELLITE CONTROL NETWORK (SPACE)	42,199	42,199
053	1203165SF	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).	2,062	2,062
054	1203173SF	SPACE AND MISSILE TEST AND EVALUATION CENTER	4,157	4,157
055	1203174SF	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	38,103	38,103
056	1203182SF	SPACELIFT RANGE SYSTEM (SPACE)	11,658	11,658
057	1203265SF	GPS III SPACE SEGMENT	1,626	1,626
058	1203330SF	SPACE SUPERIORITY ISR	29,128	29,128
059	1203620SF	NATIONAL SPACE DEFENSE CENTER	2,856	2,856
060	1203873SF	BALLISTIC MISSILE DEFENSE RADARS	18,615	18,615
061	1203906SF	NCMC—TW/AA SYSTEM	7,274	7,274
062	1203913SF	NUDET DETECTION SYSTEM (SPACE)	80,429	80,429
063	1203940SF	SPACE SITUATION AWARENESS OPERATIONS	80,903	85,903
		Program increase		[5,000]
064	1206423SF	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	359,720	359,720
068	1206770SF	ENTERPRISE GROUND SERVICES	123,601	123,601
068A	999999999	CLASSIFIED PROGRAMS	4,973,358	4,927,058

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		Funding early to need		[-379,300]
		INDOPACOM Space Control		[308,000]
		Program adjustment		[25,000]
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	6,103,307	6,062,007
		SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS		
070	1208248SF	SPACE COMMAND & CONTROL—SOFTWARE PILOT PROGRAM	155,053	155,053
		SUBTOTAL SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS.	155,053	155,053
		TOTAL RDTE, SPACE FORCE	15,819,372	15,806,227
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	11,584	11,584
002	0601101E	DEFENSE RESEARCH SCIENCES	401,870	495,444
		AI for supply chain		[4,100]
		Math and Computer Science		[5,000]
		Program increase		[84,474]
003	0601108D8Z	HIGH ENERGY LASER RESEARCH INITIATIVES	16,257	16,257
004	0601110D8Z	BASIC RESEARCH INITIATIVES	62,386	184,686
		CPF—FIU/SOUTHCOM Security Research Hub / Enhanced Domain Awareness (EDA) Initiative.		[1,300]
		CPF—HBCU Training for the Future of Aerospace		[1,000]
		Future G		[100,000]
		MINERVA		[20,000]
005	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	80,874	80,874
006	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	132,347	168,347
		Community colleges		[5,000]
		CPF—Florida Memorial Avionics Smart Scholars		[1,000]
		SMART		[30,000]
007	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	33,288	111,711
		CPF—Augmenting Quantum Sensing Research, Education and Training in DoD CoE at DSU.		[1,111]
		CPF—Florida Memorial University Department of Natural Sciences STEM Equipment.		[600]
		Program increase		[76,712]
008	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	34,734	34,734
		SUBTOTAL BASIC RESEARCH	773,340	1,103,637
		APPLIED RESEARCH		
010	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	18,961	18,961
011	0602115E	BIOMEDICAL TECHNOLOGY	106,958	114,658
		Next-Generation Combat Casualty Care		[7,700]
012	0602128D8Z	PROMOTION AND PROTECTION STRATEGIES	3,275	3,275
014	0602230D8Z	DEFENSE TECHNOLOGY INNOVATION	20,634	20,634
015	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	46,159	46,159
016	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	67,666	67,666
017	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	388,270	418,270
		Artificial Intelligence and Human-Machine Symbiosis		[5,000]
		Cyber security		[5,000]
		Underexplored Systems for Utility-Scale Quantum Computing		[20,000]
018	0602383E	BIOLOGICAL WARFARE DEFENSE	23,059	23,059
019	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	256,197	334,697
		Program increase		[78,500]
020	0602668D8Z	CYBER SECURITY RESEARCH	17,264	17,264
021	0602675D8Z	SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY	4,000	4,000
022	0602702E	TACTICAL TECHNOLOGY	221,883	261,883
		Information Analytics Technology		[5,000]
		MAD-FIRES		[35,000]
023	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	352,976	355,276
		Expanding Human Resiliency		[2,300]
024	0602716E	ELECTRONICS TECHNOLOGY	557,745	557,745
025	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	192,162	192,162
026	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	11,030	11,030
027	0602890D8Z	HIGH ENERGY LASER RESEARCH	48,587	68,587
		Program increase		[20,000]
028	1160401BB	SOF TECHNOLOGY DEVELOPMENT	49,174	49,174
		SUBTOTAL APPLIED RESEARCH	2,386,000	2,564,500
		ADVANCED TECHNOLOGY DEVELOPMENT		
029	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	34,065	84,065
		Munitions technology development		[50,000]

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030	0603121D8Z	SO/LIC ADVANCED DEVELOPMENT	4,919	4,919
031	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	72,614	92,614
		United States-Israel Cooperation to Counter Unmanned Aerial Sys- tems.		[15,000]
		VTOL Loitering Munition (ROC-X)		[5,000]
032	0603133D8Z	FOREIGN COMPARATIVE TESTING	26,802	26,802
034	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECH- NOLOGY DEVELOPMENT.	395,721	395,721
035	0603176BR	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	6,505	6,505
036	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	16,737	31,737
		LAMD/OSG AIS F-35 Event Preparation		[10,000]
		Kill Chain Performance Assessment Capability		[5,000]
037	0603180C	ADVANCED RESEARCH	22,023	50,023
		Benzorazine High-Mach System Thermal Protection		[4,000]
		High Temperature Nickel Based Alloy research		[4,000]
		Sounding Rocket Testbed Technology Maturation Tests		[20,000]
038	0603183D8Z	JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT &TRANSITION.	52,156	72,156
		Accelerate co-development of key partner programs		[20,000]
039	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,898	18,898
040	0603286E	ADVANCED AEROSPACE SYSTEMS	253,135	410,435
		GlideBreaker		[20,000]
		MoHAWC		[60,000]
		OpFires		[42,300]
		Tactical Boost Glide (TBG)		[35,000]
041	0603287E	SPACE PROGRAMS AND TECHNOLOGY	81,888	81,888
042	0603288D8Z	ANALYTIC ASSESSMENTS	24,052	24,052
043	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	53,890	68,890
		Emerging opportunities		[15,000]
046	0603338D8Z	DEFENSE MODERNIZATION AND PROTOTYPING	141,561	176,561
		Program increase		[35,000]
047	0603342D8Z	DEFENSE INNOVATION UNIT (DIU)	42,925	106,002
		AI for small unit maneuver		[2,500]
		Hybrid space architecture		[5,577]
		Joint programs		[10,000]
		National Security Innovation Capital		[15,000]
		Program increase		[25,000]
		Small craft electric propulsion		[5,000]
048	0603375D8Z	TECHNOLOGY INNOVATION	109,535	469,535
		Accelerating quantum applications		[200,000]
		AHI		[30,000]
		Domestic Supply Chain for Microelectronics Critical Element Produc- tion.		[100,000]
		Future G Open Edge Computing Challenge		[30,000]
049	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	238,407	253,407
		Biological Defense Vaccines and Advanced Therapeutics		[15,000]
050	0603527D8Z	RETRACT LARCH	79,493	79,493
051	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	19,218	19,218
052	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	114,100	114,100
053	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	3,168	3,168
054	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	256,142	1,268,142
		Advanced textiles		[10,000]
		Biotechnology Manufacturing Institutes		[500,000]
		CPF—Future Nano and Micro-Fabrication - Advanced Materials En- gineering Research Institute.		[4,000]
		CPF—Manufacturing of Advanced Composites for Hypersonics – Aided by Digital Engineering.		[4,000]
		CPF—Scalable comprehensive workforce readiness initiatives in bio- industrial manufacturing that lead to regional bioeconomic trans- formation and growth.		[4,000]
		HPC-enabled advanced manufacturing		[30,000]
		Increase Production Capacity for Hypersonics		[25,000]
		Munitions technology development		[50,000]
		Munitions technology development (Acquisition & Sustainment)		[200,000]
		Munitions technology development (Research & Engineering)		[100,000]
		New bioproducts		[10,000]
		Silicon carbide matrix materials for hypersonics		[50,000]
		Silicon-based lasers		[10,000]
		Tools and methods to improve biomufacturing		[15,000]
055	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	46,166	51,166
		AI-based market research		[5,000]
056	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	13,663	13,663
057	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	58,411	63,411
		SERDP- PFAS remediation technologies		[5,000]
058	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUP- PORT.	139,833	139,833

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059	0603727D8Z	JOINT WARFIGHTING PROGRAM	2,411	2,411
060	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	250,917	260,917
		<i>Low SWAP INU development</i>		[10,000]
061	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	305,050	315,050
		<i>Composable Logistics and Information Omniscience</i>		[10,000]
062	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	678,562	758,562
		ABII		[50,000]
		Classified Program		[15,000]
		<i>Ocean of Things Phase 3</i>		[15,000]
063	0603767E	SENSOR TECHNOLOGY	314,502	314,502
064	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	201	201
065	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	13,417	13,417
066	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	111,149	166,149
		Program increase		[30,000]
		Short pulse laser research		[25,000]
067	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	315,090	350,090
		Program increase		[35,000]
068	0603950D8Z	NATIONAL SECURITY INNOVATION NETWORK	22,028	74,028
		High energy laser power beaming		[7,000]
		Mission acceleration centers		[20,000]
		Program increase		[15,000]
		TRISO advanced nuclear fuel		[10,000]
069	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	180,170	195,170
		Operational Energy Capability Improvement		[15,000]
072	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	118,877	125,877
		Next Generation ISR SOF Enhancement/ Technical Support Systems		[7,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	4,638,401	6,702,778
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
074	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	41,507	41,507
075	0603600D8Z	WALKOFF	133,795	133,795
076	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	84,638	95,638
		ESTCP—3D printed infrastructure		[5,000]
		ESTCP—PFAS Disposal		[5,000]
		ESTCP—PFAS free fire fighting turnout gear		[1,000]
077	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..	190,216	190,216
078	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	667,524	667,524
079	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	291,364	291,364
080	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	231,134	242,334
		BMDs Radars Modeling and Simulation		[4,200]
		HEMP Hardening		[7,000]
081	0603890C	BMD ENABLING PROGRAMS	591,847	717,847
		Digital Engineering to Support NGI Transition		[17,000]
		Elevated Fire control Sensor		[27,000]
		Kill Chain Demonstration		[51,000]
		NGI Modeling and Threat Scenarios		[21,000]
		Support Equipment for FTX-26 and NGI Testing		[10,000]
082	0603891C	SPECIAL PROGRAMS—MDA	316,977	387,977
		Classified program increase—UPL		[71,000]
083	0603892C	AEGIS BMD	600,072	600,072
084	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	589,374	648,624
		Classified program increase—UPL		[50,000]
		Network Refresh		[6,500]
		SATCOM Link Security—PAAWNS TRANSEC Module		[2,750]
085	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...	50,269	50,269
086	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	49,367	49,367
087	0603906C	REGARDING TRENCH	12,146	12,146
088	0603907C	SEA BASED X-BAND RADAR (SBX)	164,668	164,668
089	0603913C	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000
090	0603914C	BALLISTIC MISSILE DEFENSE TEST	367,824	367,824
091	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	559,513	729,513
		Advanced Reactive Target Simulation Development		[20,000]
		Hypersonic Maneuvering Extended Range (HMER) Target System		[150,000]
092	0603923D8Z	COALITION WARFARE	11,154	11,154
093	0604011D8Z	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).	249,591	284,591
		Next Generation Information (5G)		[35,000]
094	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,166	3,166
095	0604102C	GUAM DEFENSE DEVELOPMENT	397,936	397,936
096	0604115C	TECHNOLOGY MATURATION INITIATIVES		35,000
		Continue Diode Pumped Alkali Laser Development		[25,000]
		Program increase		[10,000]

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097	0604124D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO)—MIP.	33,950	33,950
099	0604181C	HYPersonic DEFENSE	225,477	542,977
		Accelerate Glide Phase Interceptor program		[292,500]
		Disruptive Technologies		[25,000]
100	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,145,358	1,274,858
		Powered Quickstrike Mines (Sea Urchin)		[30,000]
		Program increase		[80,000]
		Service Tactical SIGINT Upgrades—INDOPACOM UPL		[9,500]
		Short Pulse Laser Directed Energy Demonstration		[10,000]
101	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	647,226	652,226
		Trusted & Assured Microelectronics		[5,000]
102	0604331D8Z	RAPID PROTOTYPING PROGRAM	179,189	204,189
		Energetics		[5,000]
		Program increase		[20,000]
103	0604341D8Z	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING	24,402	37,402
		AI/ML-enabled OSINT for information effects		[4,000]
		Assured Defense Avionics		[5,000]
		Information environment		[4,000]
104	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	2,691	2,691
105	0604551BR	CATAPULT	7,130	27,130
		Radiation-Hardened Fully-Depleted Silicon-on-Insulator Microelectronics.		[20,000]
106	0604555D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT—NON S&T	45,779	50,779
		Operational Energy Capability Improvement- Prototyping		[5,000]
108	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,229	3,229
109	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	40,699	40,699
110	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	75,120	75,120
111	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	1,833,357	1,833,357
112	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	69,762	69,762
113	0604878C	AEGIS BMD TEST	182,776	192,776
		Continued participation in ASD-23		[10,000]
114	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	88,326	88,326
115	0604880C	LAND-BASED SM-3 (LBSM3)	27,678	27,678
116	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	84,075	84,075
117	0202057C	SAFETY PROGRAM MANAGEMENT	2,417	2,417
118	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,664	2,664
120	0305103C	CYBER SECURITY INITIATIVE	1,165	33,165
		Mobile nuclear microreactors		[12,000]
		Program increase		[20,000]
123	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	129,957	305,957
		HBTSS Payload Continued Development beyond Phase IIb		[166,000]
		MDSEA DEVSECOPS		[10,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	10,756,509	12,007,959
		SYSTEM DEVELOPMENT & DEMONSTRATION		
124	0604123D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO)—DEMOVAL ACTIVITIES.	273,340	368,340
		CDAO		[50,000]
		Software integration		[45,000]
125	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	6,482	6,482
127	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	312,148	312,148
128	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	9,120	9,120
129	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	14,403	14,403
130	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	1,244	1,244
131	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	6,191	6,191
132	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	10,145	10,145
133	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES	5,938	5,938
136	0605080S	DEFENSE AGENCY INITIATIVES (DAD)—FINANCIAL SYSTEM	23,171	23,171
137	0605141BR	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS)	14,093	14,093
138	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	6,949	6,949
139	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	302,963	302,963
140	0605772D8Z	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	3,758	3,758
141	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).	8,121	8,121
142	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	16,048	16,048
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	1,014,114	1,109,114
		MANAGEMENT SUPPORT		
143	0603829J	JOINT CAPABILITY EXPERIMENTATION	12,452	12,452

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144	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	8,902	8,902
145	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	6,610	6,610
146	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	819,358	1,094,358
		Program increase		[275,000]
147	0604942D8Z	ASSESSMENTS AND EVALUATIONS	4,607	4,607
148	0605001E	MISSION SUPPORT	86,869	86,869
149	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	126,079	151,079
		Joint Mission Environment		[25,000]
150	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	53,278	53,278
152	0605142D8Z	SYSTEMS ENGINEERING	39,009	39,009
153	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	5,716	5,716
154	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	15,379	15,379
155	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	9,449	9,449
156	0605200D8Z	GENERAL SUPPORT TO OUSD(INTELLIGENCE AND SECURITY) ..	6,112	6,112
157	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	124,475	124,475
158	0605502BP	SMALL BUSINESS INNOVATIVE RESEARCH—CHEMICAL BIOLOGICAL DEF.		5,100
		Operational Rapid Multi-Pathogen Diagnostic Tool		[5,100]
165	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	3,820	6,820
		Small Business Tech Transfer		[3,000]
166	0605797D8Z	MAINTAINING TECHNOLOGY ADVANTAGE	35,414	35,414
167	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	56,114	56,114
168	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	63,184	63,184
169	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	23,757	23,757
170	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	26,652	26,652
171	0605898E	MANAGEMENT HQ—R&D	14,636	14,636
172	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	3,518	3,518
173	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	15,244	15,244
174	0606114D8Z	ANALYSIS WORKING GROUP (AWG) SUPPORT	4,700	4,700
175	0606135D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES.	13,132	13,132
176	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,323	3,323
177	0606300D8Z	DEFENSE SCIENCE BOARD	2,532	2,532
179	0606771D8Z	CYBER RESILIENCY AND CYBERSECURITY POLICY	32,306	32,306
180	0606853BR	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	12,354	22,354
		Joint Programs		[10,000]
181	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,034	3,034
182	0204571J	JOINT STAFF ANALYTICAL SUPPORT	4,332	4,332
183	0208045K	C4I INTEROPERABILITY	69,698	69,698
189	0305172K	COMBINED ADVANCED APPLICATIONS	16,171	16,171
191	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,072	3,072
192	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	37,852	37,852
193	08087098E	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI).	716	716
194	0901598C	MANAGEMENT HQ—MDA	25,259	25,259
195	0903235K	JOINT SERVICE PROVIDER (JSP)	3,141	3,141
195A	9999999999	CLASSIFIED PROGRAMS	37,841	37,841
		SUBTOTAL MANAGEMENT SUPPORT	1,830,097	2,148,197
		OPERATIONAL SYSTEMS DEVELOPMENT		
200	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	588,094	649,903
		Advanced machining		[20,000]
		Carbon/carbon industrial base enhancement		[10,000]
		CPF—Critical Non-Destructive Inspection and Training for Key U.S. National Defense Interests through College of the Canyons Advanced Technology Center.		[2,000]
		CPF—Partnerships for Manufacturing Training Innovation		[4,000]
		Integrated circuit substrates		[3,000]
		Precision optics manufacturing		[14,809]
		RF microelectronics supply chain		[8,000]
201	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	15,427	15,427
202	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	8,317	8,317
203	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	68,030	68,030
204	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS)		16,600
		2.5/3D heterogeneous		[16,600]
209	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	19,145	19,145
210	0303126K	LONG-HAUL COMMUNICATIONS—DCS	13,195	13,195
211	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	5,746	5,746

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212	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	92,018	92,018
213	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	43,135	47,135
		ISSP, NWC and NPS		[4,000]
214	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	593,831	593,831
215	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM	7,005	7,005
216	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	10,020	10,020
217	0303153K	DEFENSE SPECTRUM ORGANIZATION	19,708	19,708
221	0303430V	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY	5,197	5,197
226	0305104D8Z	DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY INITIATIVE	10,000	10,000
229	0305128V	SECURITY AND INVESTIGATIVE ACTIVITIES	450	450
230	0305133V	INDUSTRIAL SECURITY ACTIVITIES	1,800	1,800
233	0305146V	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	4,622	4,622
234	0305172D8Z	COMBINED ADVANCED APPLICATIONS	49,380	49,380
237	0305186D8Z	POLICY R&D PROGRAMS	6,214	6,214
238	0305199D8Z	NET CENTRICITY	17,917	17,917
240	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,095	6,095
246	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS	4,575	4,575
247	0305251K	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,497	2,497
248	0305327V	INSIDER THREAT	9,403	9,403
249	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	1,864	1,864
257	0708012K	LOGISTICS SUPPORT ACTIVITIES	1,620	1,620
258	0708012S	PACIFIC DISASTER CENTERS	1,875	1,875
259	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	3,264	3,264
261	1105219BB	MQ-9 UAV	14,000	29,870
		MQ-9 Mallett reprogramming		[5,870]
		Speed Loader Agile POD		[10,000]
263	1160403BB	AVIATION SYSTEMS	179,499	179,499
264	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	75,136	85,136
		Intelligence Systems Development		[10,000]
265	1160408BB	OPERATIONAL ENHANCEMENTS	142,900	168,810
		Artificial intelligence for Small Unit Maneuver (AISUM)		[15,000]
		CPF—Intercept, Collect, Analyze, and Disrupt (ICAD) Application ...		[2,300]
		Precision Strike Munition Shipboard Safety & Certification Testing ..		[8,610]
266	1160431BB	WARRIOR SYSTEMS	129,133	155,860
		Counter Unmanned Systems (CUxS) Procurement Acceleration		[5,400]
		Ground Organic Precision Strike Systems (GOPSS) Loitering Munitions ..		[9,930]
		Identity and Signature Management Modernization		[9,000]
		Maritime Scalable Effects (MSE) Electronic Warfare System Acceleration ..		[2,397]
267	1160432BB	SPECIAL PROGRAMS	518	518
268	1160434BB	UNMANNED ISR	3,354	3,354
269	1160480BB	SOF TACTICAL VEHICLES	13,594	13,594
270	1160483BB	MARITIME SYSTEMS	82,645	112,645
		Dry Combat Submersible (DCS) Next Acceleration		[30,000]
272	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	7,583	8,528
		Low Visibility Vanishing Technology (LVVT)		[945]
273	1203610K	TELEPORT PROGRAM	1,270	1,270
273A	999999999	CLASSIFIED PROGRAMS	7,854,604	7,878,304
		JWICS modernization		[1,500]
		MARS Advanced Capabilities		[22,200]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	10,114,680	10,330,241
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
274	0608197V	NATIONAL BACKGROUND INVESTIGATION SERVICES—SOFTWARE PILOT PROGRAM	132,524	132,524
275	0608648D8Z	ACQUISITION VISIBILITY—SOFTWARE PILOT PROGRAM	17,123	17,123
276	0608775D8Z	ACCELERATE THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES (APPIT)	100,000	0
		OSD requested transfer to new PE		[-100,000]
276A	0604795D8Z	ACCELERATE THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES (APPIT)		100,000
		OSD requested transfer from erroneous PE		[100,000]
277	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	34,987	34,987
282	0308609V	NATIONAL INDUSTRIAL SECURITY SYSTEMS (NISS)—SOFTWARE PILOT PROGRAM	14,749	14,749
282A	999999999	CLASSIFIED PROGRAMS	265,028	265,028
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS	564,411	564,411
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	32,077,552	36,530,837
		MISSION-BASED RAPID ACQUISITION ACCOUNT		
001	999999999	MISSION-BASED RAPID ACQUISITION		30,000

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2023 Request	House Authorized
		Mission-Based Rapid Acquisition		[30,000]
		SUBTOTAL MISSION-BASED RAPID ACQUISITION		30,000
		TOTAL MISSION-BASED RAPID ACQUISITION AC-COUNT		30,000
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	119,529	119,529
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	99,947	99,947
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	57,718	57,718
		SUBTOTAL MANAGEMENT SUPPORT	277,194	277,194
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	277,194	277,194
		TOTAL RDT&E	130,097,410	138,641,449

1 **TITLE XLIII—OPERATION AND**
2 **MAINTENANCE**

3 **SEC. 4301. OPERATION AND MAINTENANCE.**

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY OPERATING FORCES		
010	MANEUVER UNITS	4,506,811	4,356,811
	Program decrease		[-150,000]
020	MODULAR SUPPORT BRIGADES	177,136	177,136
030	ECHELONS ABOVE BRIGADE	894,629	894,629
040	THEATER LEVEL ASSETS	2,570,949	2,450,949
	Program decrease		[-120,000]
050	LAND FORCES OPERATIONS SUPPORT	1,184,230	1,144,230
	Program decrease		[-40,000]
060	AVIATION ASSETS	2,220,817	2,220,817
070	FORCE READINESS OPERATIONS SUPPORT	7,366,299	7,616,738
	Advanced Bomb Suit II		[12,940]
	Arctic OCIE for Alaska bases, Fort Drum and Fort Carson		[65,050]
	Extended Cold Weather Clothing System (ECWCS) Layer 1 & 2 for Initial Entry Training Soldiers.		[8,999]
	Female/Small Stature Body Armor		[66,750]
	Operation Pathways (OP)		[100,000]
	Program decrease		[-60,000]
	Service Tactical SIGINT Upgrades—INDOPACOM UPL		[3,400]
	Theater Intelligence (ISR-PED)		[53,300]
080	LAND FORCES SYSTEMS READINESS	483,683	483,683
090	LAND FORCES DEPOT MAINTENANCE	1,399,173	1,399,173
100	MEDICAL READINESS	897,522	897,522
110	BASE OPERATIONS SUPPORT	9,330,325	9,276,325
	Base Operating Support for AFFF Replacement, mobile assets and Disposal		[6,000]
	Program decrease		[-60,000]
120	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	4,666,658	5,192,598
	FSRM—AFFF Replacement Facilities		[65,000]
	OIB Projects		[100,000]
	Program increase		[360,940]
130	MANAGEMENT AND OPERATIONAL HEADQUARTERS	284,483	254,483
	Program decrease		[-30,000]
140	ADDITIONAL ACTIVITIES	450,348	420,348
	Program decrease		[-30,000]
160	RESET	383,360	383,360
170	US AFRICA COMMAND	385,685	543,835
	Commercial Satellite Communications (COMSATCOM)		[16,750]
	Counter UAS—AFRICOM HQ		[8,100]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	Counter Unmanned Aircraft Systems—AFRICOM UPL		[8,500]
	Force Protection Systems—AFRICOM HQ		[8,100]
	High Risk ISR—Processing, Exploitation and Dissemination (PED)		[4,600]
	High Risk ISR—Security Programs - Aircraft Contract		[110,000]
	High Risk ISR—Security Programs - SATCOM Support		[2,100]
180	US EUROPEAN COMMAND	359,602	359,602
190	US SOUTHERN COMMAND	204,336	204,336
200	US FORCES KOREA	67,756	67,756
210	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	495,066	495,066
220	CYBERSPACE ACTIVITIES—CYBERSECURITY	673,701	683,701
	Certified remote access to enterprise applications		[10,000]
230	JOINT CYBER MISSION FORCES	178,033	178,033
	SUBTOTAL OPERATING FORCES	39,180,602	39,701,131
	MOBILIZATION		
240	STRATEGIC MOBILITY	434,423	498,423
	INDOPACOM Theater Campaigning		[104,000]
	Program decrease		[-40,000]
250	ARMY PREPOSITIONED STOCKS	378,494	392,638
	APS 3/4		[14,144]
260	INDUSTRIAL PREPAREDNESS	4,001	4,001
	SUBTOTAL MOBILIZATION	816,918	895,062
	TRAINING AND RECRUITING		
270	OFFICER ACQUISITION	173,439	173,439
280	RECRUIT TRAINING	78,826	78,826
290	ONE STATION UNIT TRAINING	128,117	128,117
300	SENIOR RESERVE OFFICERS TRAINING CORPS	554,992	554,992
310	SPECIALIZED SKILL TRAINING	1,115,045	1,115,045
320	FLIGHT TRAINING	1,396,392	1,396,392
330	PROFESSIONAL DEVELOPMENT EDUCATION	221,960	221,960
340	TRAINING SUPPORT	717,318	717,318
350	RECRUITING AND ADVERTISING	691,053	691,053
360	EXAMINING	192,832	192,832
370	OFF-DUTY AND VOLUNTARY EDUCATION	235,340	235,340
380	CIVILIAN EDUCATION AND TRAINING	251,378	251,378
390	JUNIOR RESERVE OFFICER TRAINING CORPS	196,088	196,088
	SUBTOTAL TRAINING AND RECRUITING	5,952,780	5,952,780
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
410	SERVICEWIDE TRANSPORTATION	662,083	622,083
	Program decrease		[-40,000]
420	CENTRAL SUPPLY ACTIVITIES	822,018	812,018
	Program decrease		[-10,000]
430	LOGISTIC SUPPORT ACTIVITIES	806,861	776,861
	Program decrease		[-30,000]
440	AMMUNITION MANAGEMENT	483,187	483,187
450	ADMINISTRATION	486,154	436,154
	Program decrease		[-50,000]
460	SERVICEWIDE COMMUNICATIONS	1,871,173	1,831,173
	Army Enterprise Service Management Program		[20,000]
	Program decrease		[-60,000]
470	MANPOWER MANAGEMENT	344,668	344,668
480	OTHER PERSONNEL SUPPORT	811,999	791,999
	Program decrease		[-20,000]
490	OTHER SERVICE SUPPORT	2,267,280	2,272,280
	Advanced planning for infrastructure to support presence on NATO's Eastern Flank		[35,000]
	Program decrease		[-30,000]
500	ARMY CLAIMS ACTIVITIES	191,912	191,912
510	REAL ESTATE MANAGEMENT	288,942	288,942
520	FINANCIAL MANAGEMENT AND AUDIT READINESS	410,983	410,983
530	DEF ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	38,714	38,714
540	INTERNATIONAL MILITARY HEADQUARTERS	532,377	532,377
550	MISC. SUPPORT OF OTHER NATIONS	35,709	35,709
590A	CLASSIFIED PROGRAMS	2,113,196	2,138,296
	High Altitude Balloon		[10,200]
	Hyperspectral Imagery (HSI) Sensor		[14,900]
	Program decrease		[-32,000]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	<i>Program increase</i>		[32,000]
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	12,167,256	12,007,356
	TOTAL OPERATION & MAINTENANCE, ARMY ..	58,117,556	58,556,329
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	14,404	14,404
020	ECHELONS ABOVE BRIGADE	662,104	662,104
030	THEATER LEVEL ASSETS	133,599	133,599
040	LAND FORCES OPERATIONS SUPPORT	646,693	646,693
050	AVIATION ASSETS	128,883	128,883
060	FORCE READINESS OPERATIONS SUPPORT	409,994	409,994
070	LAND FORCES SYSTEMS READINESS	90,595	90,595
080	LAND FORCES DEPOT MAINTENANCE	44,453	44,453
090	BASE OPERATIONS SUPPORT	567,170	567,170
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	358,772	390,192
	<i>Program increase</i>		[31,420]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,112	22,112
120	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	2,929	2,929
130	CYBERSPACE ACTIVITIES—CYBERSECURITY	7,382	7,382
	SUBTOTAL OPERATING FORCES	3,089,090	3,120,510
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
140	SERVICEWIDE TRANSPORTATION	18,994	18,994
150	ADMINISTRATION	20,670	20,670
160	SERVICEWIDE COMMUNICATIONS	31,652	31,652
170	MANPOWER MANAGEMENT	6,852	6,852
180	RECRUITING AND ADVERTISING	61,246	61,246
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	139,414	139,414
	TOTAL OPERATION & MAINTENANCE, ARMY RES	3,228,504	3,259,924
	OPERATION & MAINTENANCE, ARNG		
	OPERATING FORCES		
010	MANEUVER UNITS	964,237	987,237
	<i>Northern Strike</i>		[23,000]
020	MODULAR SUPPORT BRIGADES	214,191	214,191
030	ECHELONS ABOVE BRIGADE	820,752	820,752
040	THEATER LEVEL ASSETS	97,184	97,184
050	LAND FORCES OPERATIONS SUPPORT	54,595	54,595
060	AVIATION ASSETS	1,169,826	1,169,826
070	FORCE READINESS OPERATIONS SUPPORT	722,788	722,788
080	LAND FORCES SYSTEMS READINESS	46,580	46,580
090	LAND FORCES DEPOT MAINTENANCE	259,765	259,765
100	BASE OPERATIONS SUPPORT	1,151,215	1,151,215
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	1,053,996	1,141,385
	<i>Program increase</i>		[87,389]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,148,286	1,148,286
130	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	8,715	8,715
140	CYBERSPACE ACTIVITIES—CYBERSECURITY	8,307	8,307
	SUBTOTAL OPERATING FORCES	7,720,437	7,830,826
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
150	SERVICEWIDE TRANSPORTATION	6,961	6,961
160	ADMINISTRATION	73,641	79,441
	<i>State Partnership Program</i>		[5,800]
170	SERVICEWIDE COMMUNICATIONS	100,389	100,389
180	MANPOWER MANAGEMENT	9,231	9,231
190	OTHER PERSONNEL SUPPORT	243,491	243,491
200	REAL ESTATE MANAGEMENT	3,087	3,087
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	436,800	442,600
	TOTAL OPERATION & MAINTENANCE, ARNG ..	8,157,237	8,273,426

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)			
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)			
010	IRAQ	358,015	358,015
020	SYRIA	183,677	183,677
	SUBTOTAL COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)	541,692	541,692
	TOTAL COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)	541,692	541,692
OPERATION & MAINTENANCE, NAVY OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	7,334,452	7,393,452
	Costs associated with restoring 5 LCS		[6,000]
	PDI training requirements		[57,000]
	Program decrease		[-4,000]
020	FLEET AIR TRAINING	2,793,739	2,793,739
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	65,248	65,248
040	AIR OPERATIONS AND SAFETY SUPPORT	214,767	214,767
050	AIR SYSTEMS SUPPORT	1,075,365	1,075,365
060	AIRCRAFT DEPOT MAINTENANCE	1,751,737	1,859,137
	Aircraft Depot Maintenance Events (Multiple Type/Model/Se-		
	ries)		[107,100]
	Costs associated with restoring 5 LCS		[300]
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	70,319	70,319
080	AVIATION LOGISTICS	1,679,193	1,604,193
	Historical underexecution		[-75,000]
090	MISSION AND OTHER SHIP OPERATIONS	6,454,952	6,524,952
	Costs associated with restoring 5 LCS		[10,400]
	Restore USS Ashland		[14,400]
	Restore USS Germantown		[14,400]
	Restore USS Gunston Hall		[15,400]
	Restore USS Tortuga		[15,400]
100	SHIP OPERATIONS SUPPORT & TRAINING	1,183,237	1,183,237
110	SHIP DEPOT MAINTENANCE	10,038,261	10,321,061
	Costs associated with restoring 5 LCS		[90,000]
	Public Shipyard Tools, Test Equipment, and Machinery		[127,000]
	Restore USS Ashland		[12,500]
	Restore USS Germantown		[21,400]
	Restore USS Gunston Hall		[12,700]
	Restore USS Tortuga		[12,600]
	Restore USS Vicksburg		[6,600]
120	SHIP DEPOT OPERATIONS SUPPORT	2,422,095	2,841,595
	Restore USS Ashland		[100,000]
	Restore USS Germantown		[100,000]
	Restore USS Gunston Hall		[100,000]
	Restore USS Tortuga		[67,500]
	Restore USS Vicksburg		[28,900]
	Ship Support—USFFC/CPF Berthing & Messing Shortfall		[23,100]
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE ...	1,632,824	1,568,324
	Historical underexecution		[-65,000]
	Service Tactical SIGINT Upgrades—INDOPACOM UPL		[500]
140	SPACE SYSTEMS AND SURVEILLANCE	339,103	339,103
150	WARFARE TACTICS	881,999	881,999
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	444,150	444,150
170	COMBAT SUPPORT FORCES	2,274,710	2,302,810
	Expeditionary VLS Reload System—Navy UPL		[100]
	Historical underexecution		[-65,000]
	INDOPACOM Theater Campaigning		[100,000]
	Program decrease		[-7,000]
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP-		
	PORT	194,346	194,346
190	CYBER MISSION FORCES	101,049	101,049
200	COMBATANT COMMANDERS CORE OPERATIONS	65,893	76,193
	Asia Pacific Regional Initiative		[10,300]
210	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	282,742	417,342
	Fusion Center		[3,300]
	INDOPACOM Critical Manpower Positions		[2,700]
	INDOPACOM Theater Campaigning		[50,000]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	Joint Electro-Magnetic Spectrum Office (JEMSO)		[5,400]
	Mission Partner Environment (MPE) Battlefield Information Collection & Exploitation System-Extended (BICES-X)		[5,300]
	MSV—Carolyn Chouest		[12,500]
	Pacific Movement Coordination Center (PMCC)		[2,400]
	Pacific Multi-Domain Training and Experimentation Capa- bility (PMTEC)		[19,000]
	Program increase		[12,000]
	STORMBREAKER		[22,000]
230	CYBERSPACE ACTIVITIES	477,540	477,540
240	FLEET BALLISTIC MISSILE	1,664,076	1,724,076
	Historical underexecution		[-15,000]
	MQ-9B COCO		[75,000]
250	WEAPONS MAINTENANCE	1,495,783	1,505,983
	Costs associated with restoring 5 LCS		[7,200]
	Historical underexecution		[-20,000]
	SM-6 Expansion of Combat Usable Asset Inventory—Navy UPL		[23,000]
260	OTHER WEAPON SYSTEMS SUPPORT	649,371	634,371
	Historical underexecution		[-15,000]
270	ENTERPRISE INFORMATION	1,647,834	1,647,834
280	SUSTAINMENT, RESTORATION AND MODERNIZATION	3,549,311	3,974,311
	FSRM—AFFF Replacement Facilities		[34,000]
	FSRM—Red Hill		[100,000]
	Program increase		[291,000]
290	BASE OPERATING SUPPORT	5,503,088	5,501,088
	Base Operating Support for AFFF Replacement, mobile assets and Disposal		[18,000]
	Historical underexecution		[-20,000]
	SUBTOTAL OPERATING FORCES	56,287,184	57,737,584
	MOBILIZATION		
300	SHIP PREPOSITIONING AND SURGE	467,648	526,248
	ESD—restore 2 ships		[58,600]
310	READY RESERVE FORCE	683,932	683,932
320	SHIP ACTIVATIONS/INACTIVATIONS	364,096	356,596
	Costs associated with restoring 5 LCS		[7,500]
	Historical underexecution		[-15,000]
330	EXPEDITIONARY HEALTH SERVICES SYSTEMS	133,780	133,780
340	COAST GUARD SUPPORT	21,196	21,196
	SUBTOTAL MOBILIZATION	1,670,652	1,721,752
	TRAINING AND RECRUITING		
350	OFFICER ACQUISITION	190,578	190,578
360	RECRUIT TRAINING	14,679	14,679
370	RESERVE OFFICERS TRAINING CORPS	170,845	170,845
380	SPECIALIZED SKILL TRAINING	1,133,889	1,118,889
	Historical underexecution		[-15,000]
390	PROFESSIONAL DEVELOPMENT EDUCATION	334,844	339,144
	Navy O&M Training and Recruiting (Sea Cadets)		[4,300]
400	TRAINING SUPPORT	356,670	356,670
410	RECRUITING AND ADVERTISING	204,498	204,498
420	OFF-DUTY AND VOLUNTARY EDUCATION	89,971	89,971
430	CIVILIAN EDUCATION AND TRAINING	69,798	69,798
440	JUNIOR ROTC	55,194	55,194
	SUBTOTAL TRAINING AND RECRUITING	2,620,966	2,610,266
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
450	ADMINISTRATION	1,349,966	1,279,966
	Historical underexecution		[-60,000]
	Program decrease		[-10,000]
460	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	227,772	227,772
470	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	667,627	667,627
480	MEDICAL ACTIVITIES	284,962	284,962
490	DEF ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	62,824	62,824
500	SERVICEMAN TRANSPORTATION	207,501	207,501
520	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	554,265	639,265
	Historical underexecution		[-15,000]
	Red Hill Fuel Distribution Advanced Planning, Engineering, Program Support		[100,000]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
530	ACQUISITION, LOGISTICS, AND OVERSIGHT	798,473	783,473
	Historical underexecution		[-15,000]
540	INVESTIGATIVE AND SECURITY SERVICES	791,059	791,059
720A	CLASSIFIED PROGRAMS	628,700	629,900
	Navy SCI Communications Modernization (Maritime Surveil- lance Project)		[1,200]
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	5,573,149	5,574,349
	TOTAL OPERATION & MAINTENANCE, NAVY ..	66,151,951	67,643,951
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	1,740,491	1,818,491
	INDOPACOM Theater Campaigning		[78,000]
020	FIELD LOGISTICS	1,699,425	1,699,425
030	DEPOT MAINTENANCE	221,886	221,886
040	MARITIME PREPOSITIONING	139,518	139,518
050	CYBER MISSION FORCES	94,199	94,199
060	CYBERSPACE ACTIVITIES	194,904	194,904
070	SUSTAINMENT, RESTORATION & MODERNIZATION	1,292,219	1,667,219
	Program increase		[375,000]
080	BASE OPERATING SUPPORT	2,699,487	2,680,487
	Historical underexecution		[-15,000]
	Program decrease		[-4,000]
	SUBTOTAL OPERATING FORCES	8,082,129	8,516,129
	TRAINING AND RECRUITING		
090	RECRUIT TRAINING	23,217	23,217
100	OFFICER ACQUISITION	1,268	1,268
110	SPECIALIZED SKILL TRAINING	118,638	118,638
120	PROFESSIONAL DEVELOPMENT EDUCATION	64,626	64,626
130	TRAINING SUPPORT	523,603	523,603
140	RECRUITING AND ADVERTISING	225,759	225,759
150	OFF-DUTY AND VOLUNTARY EDUCATION	51,882	51,882
160	JUNIOR ROTC	27,660	27,660
	SUBTOTAL TRAINING AND RECRUITING	1,036,653	1,036,653
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
170	SERVICEWIDE TRANSPORTATION	78,542	78,542
180	ADMINISTRATION	401,030	401,030
220A	CLASSIFIED PROGRAMS	62,590	62,590
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	542,162	542,162
	TOTAL OPERATION & MAINTENANCE, MA- RINE CORPS	9,660,944	10,094,944
	OPERATION & MAINTENANCE, NAVY RES		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	669,533	671,993
	Costs associated with restoring HSC-85 aircraft squadron		[2,460]
020	INTERMEDIATE MAINTENANCE	11,134	11,134
030	AIRCRAFT DEPOT MAINTENANCE	164,892	164,892
040	AIRCRAFT DEPOT OPERATIONS SUPPORT	494	494
050	AVIATION LOGISTICS	25,843	25,843
060	COMBAT COMMUNICATIONS	20,135	20,135
070	COMBAT SUPPORT FORCES	131,104	131,104
080	CYBERSPACE ACTIVITIES	289	289
090	ENTERPRISE INFORMATION	27,189	27,189
100	SUSTAINMENT, RESTORATION AND MODERNIZATION	44,784	73,784
	Program increase		[29,000]
110	BASE OPERATING SUPPORT	116,374	116,374
	SUBTOTAL OPERATING FORCES	1,211,771	1,243,231
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
120	ADMINISTRATION	1,986	1,986
130	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	12,550	12,550
140	ACQUISITION AND PROGRAM MANAGEMENT	1,993	1,993

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	16,529	16,529
	TOTAL OPERATION & MAINTENANCE, NAVY RES	1,228,300	1,259,760
	OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES		
010	OPERATING FORCES	109,045	109,045
020	DEPOT MAINTENANCE	19,361	19,361
030	SUSTAINMENT, RESTORATION AND MODERNIZATION	45,430	48,811
	Program increase		[3,381]
040	BASE OPERATING SUPPORT	118,364	118,364
	SUBTOTAL OPERATING FORCES	292,200	295,581
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
050	ADMINISTRATION	12,033	12,033
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	12,033	12,033
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	304,233	307,614
	OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES		
010	PRIMARY COMBAT FORCES	936,731	846,731
	Historical underexecution		[-150,000]
	Technical realignment		[60,000]
020	COMBAT ENHANCEMENT FORCES	2,657,865	2,587,865
	Program decrease		[-10,000]
	Technical realignment		[-60,000]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,467,518	1,477,518
	Contract Adversary Air		[10,000]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	4,341,794	4,700,594
	Historical underexecution		[-20,000]
	Increase for Weapon System Sustainment		[378,800]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	4,091,088	4,479,488
	FSRM—AFFF Replacement Facilities/ assets		[75,000]
	Historical underexecution		[-55,000]
	Program increase		[368,400]
060	CYBERSPACE SUSTAINMENT	130,754	140,754
	PACAF cyber operations for base resilient architecture		[10,000]
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	8,782,940	8,712,940
	Historical underexecution		[-70,000]
080	FLYING HOUR PROGRAM	5,871,718	5,882,618
	Blk 20 F-22		[10,900]
090	BASE SUPPORT	10,638,741	10,648,741
	Base Operating Support for AFFF Replacement, mobile assets, and Disposal		[10,000]
100	GLOBAL C3I AND EARLY WARNING	1,035,043	1,042,174
	Technical realignment		[7,131]
110	OTHER COMBAT OPS SPT PROGRAMS	1,436,329	1,350,129
	Engaging on Western Hemisphere Challenges and Interoperability with Partner Nations		[3,800]
	Historical underexecution		[-90,000]
120	CYBERSPACE ACTIVITIES	716,931	736,931
	Command and control of the information environment		[20,000]
140	LAUNCH FACILITIES	690	690
160	US NORTHCOM/NORAD	197,210	197,210
170	US STRATCOM	503,419	503,419
180	US CYBERCOM	436,807	580,107
	CMF Operational Support—CYBERCOM UPL		[148,300]
	Technical realignment		[-5,000]
190	US CENTCOM	331,162	331,162
200	US SOCOM	27,318	27,318
220	CENTCOM CYBERSPACE SUSTAINMENT	1,367	1,367
230	USSPACECOM	329,543	338,043
	National Space Defense Center Interim Facility		[8,500]
240	JOINT CYBER MISSION FORCE PROGRAMS	186,759	191,759

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	Technical realignment		[5,000]
240A	CLASSIFIED PROGRAMS	1,705,801	1,705,801
	SUBTOTAL OPERATING FORCES	45,827,528	46,483,359
	MOBILIZATION		
250	AIRLIFT OPERATIONS	2,780,616	2,885,316
	INDOPACOM Theater Campaigning		[104,700]
260	MOBILIZATION PREPAREDNESS	721,172	671,172
	Historical underexecution		[-50,000]
	SUBTOTAL MOBILIZATION	3,501,788	3,556,488
	TRAINING AND RECRUITING		
270	OFFICER ACQUISITION	189,721	189,721
280	RECRUIT TRAINING	26,684	26,684
290	RESERVE OFFICERS TRAINING CORPS (ROTC)	135,515	135,515
300	SPECIALIZED SKILL TRAINING	541,511	541,511
310	FLIGHT TRAINING	779,625	866,777
	Airborne Warning and Control System (AWACS) training		[87,152]
320	PROFESSIONAL DEVELOPMENT EDUCATION	313,556	313,556
330	TRAINING SUPPORT	171,087	171,087
340	RECRUITING AND ADVERTISING	197,956	197,956
350	EXAMINING	8,282	8,282
360	OFF-DUTY AND VOLUNTARY EDUCATION	254,907	254,907
370	CIVILIAN EDUCATION AND TRAINING	355,375	355,375
380	JUNIOR ROTC	69,964	69,964
	SUBTOTAL TRAINING AND RECRUITING	3,044,183	3,131,335
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
390	LOGISTICS OPERATIONS	1,058,129	1,058,129
400	TECHNICAL SUPPORT ACTIVITIES	139,428	139,428
410	ADMINISTRATION	1,283,066	1,195,915
	Program decrease		[-87,152]
420	SERVICEWIDE COMMUNICATIONS	33,222	33,222
430	OTHER SERVICEWIDE ACTIVITIES	1,790,985	1,810,985
	Advanced planning for infrastructure to support presence on NATO's Eastern Flank		[20,000]
440	CIVIL AIR PATROL	30,526	30,526
460	DEF ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	42,558	42,558
480	INTERNATIONAL SUPPORT	102,065	102,065
480A	CLASSIFIED PROGRAMS	1,427,764	1,427,764
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	5,907,743	5,840,592
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	58,281,242	59,011,773
	OPERATION & MAINTENANCE, SPACE FORCE OPERATING FORCES		
010	GLOBAL C3I & EARLY WARNING	472,484	472,484
020	SPACE LAUNCH OPERATIONS	187,832	187,832
030	SPACE OPERATIONS	695,228	702,228
	Digital Mission Operations Platform for the Space Force		[7,000]
040	EDUCATION & TRAINING	153,135	153,135
060	DEPOT MAINTENANCE	285,863	285,863
070	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	235,253	260,653
	Program increase		[25,400]
080	CONTRACTOR LOGISTICS AND SYSTEM SUPPORT	1,358,565	1,328,565
	Program decrease		[-30,000]
090	SPACE OPERATIONS -BOS	144,937	144,937
090A	CLASSIFIED PROGRAMS	272,941	272,941
	SUBTOTAL OPERATING FORCES	3,806,238	3,808,638
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
100	ADMINISTRATION	228,420	194,687
	Technical realignment		[-33,733]
110	LOGISTICS OPERATIONS		33,733
	Technical realignment		[33,733]
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	228,420	228,420

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
TOTAL OPERATION & MAINTENANCE, SPACE			
	FORCE	4,034,658	4,037,058
OPERATION & MAINTENANCE, AF RESERVE			
OPERATING FORCES			
010	PRIMARY COMBAT FORCES	1,743,908	1,743,908
020	MISSION SUPPORT OPERATIONS	193,568	193,568
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	493,664	493,664
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	133,782	145,282
	Program increase		[11,500]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	341,724	341,724
060	BASE SUPPORT	522,195	522,195
070	CYBERSPACE ACTIVITIES	1,706	1,706
	SUBTOTAL OPERATING FORCES	3,430,547	3,442,047
ADMINISTRATION AND SERVICE-WIDE ACTIVITIES			
080	ADMINISTRATION	102,038	102,038
090	RECRUITING AND ADVERTISING	9,057	9,057
100	MILITARY MANPOWER AND PERS MGMT (ARPC)	14,896	14,896
110	OTHER PERS SUPPORT (DISABILITY COMP)	7,544	7,544
120	AUDIOVISUAL	462	462
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	133,997	133,997
	TOTAL OPERATION & MAINTENANCE, AF RE- SERVE	3,564,544	3,576,044
OPERATION & MAINTENANCE, ANG			
OPERATING FORCES			
010	AIRCRAFT OPERATIONS	2,301,784	2,301,784
020	MISSION SUPPORT OPERATIONS	587,793	587,793
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	1,193,699	1,193,699
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	437,042	474,142
	Program increase		[37,100]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,284,264	1,284,264
060	BASE SUPPORT	967,169	967,169
070	CYBERSPACE SUSTAINMENT	12,661	80,161
	Information Technology and JWICS capacity		[67,500]
080	CYBERSPACE ACTIVITIES	15,886	15,886
	SUBTOTAL OPERATING FORCES	6,800,298	6,904,898
ADMINISTRATION AND SERVICE-WIDE ACTIVITIES			
090	ADMINISTRATION	52,075	54,375
	State Partnership Program		[2,300]
100	RECRUITING AND ADVERTISING	48,306	48,306
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	100,381	102,681
	TOTAL OPERATION & MAINTENANCE, ANG	6,900,679	7,007,579
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
OPERATING FORCES			
010	JOINT CHIEFS OF STAFF	445,366	325,366
	Program decrease		[-120,000]
020	JOINT CHIEFS OF STAFF—CYBER	9,887	9,887
030	JOINT CHIEFS OF STAFF—JTEEP	679,336	479,336
	Program decrease		[-200,000]
040	OFFICE OF THE SECRETARY OF DEFENSE—MISO	246,259	273,759
	United States Indo-Pacific Command-MISO		[27,500]
050	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	2,056,291	2,056,606
	Low Visibility Vanishing Technology (LVVT)		[315]
060	SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVI- TIES	39,178	39,178
070	SPECIAL OPERATIONS COMMAND INTELLIGENCE	1,513,025	1,534,325
	Counter Unmanned Systems (CUXS) Procurement Acceleration		[10,400]
	Identity and Signature Management Modernization		[10,900]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	Restore PB (U-28)		[3,000]
	U-28A		[-3,000]
080	SPECIAL OPERATIONS COMMAND MAINTENANCE	1,207,842	1,236,195
	Advanced Engine Performance and Restoration Program (Nucleated Foam)		[3,000]
	C-130J Power by the Hour (PBTH) CLS		[21,620]
	Combatant Craft Medium (CCM) Loss Refurbishment		[4,250]
	Counter Unmanned Systems (CUsS) Procurement Acceleration Maintenance		[5,353]
	MQ-9 Mallett reprogramming		[-5,000]
	Program increase		[-5,870]
090	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS	196,271	196,271
100	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,299,309	1,340,409
	Advana Authoritative Data Management and Analytics		[8,000]
	ARSOF Information Advantage Acceleration		[11,500]
	Enterprise Data Stewardship Program		[18,000]
	Identity and Signature Management Modernization		[3,600]
	Operational Support		[-7,000]
	Program increase		[7,000]
110	SPECIAL OPERATIONS COMMAND THEATER FORCES	3,314,770	3,348,481
	Combat Aviation Advisor mission support		[18,000]
	Non-Traditional ISR		[10,000]
	Tactical Mission Network Digital Force Protection		[5,711]
	SUBTOTAL OPERATING FORCES	11,007,534	10,839,813
TRAINING AND RECRUITING			
120	DEFENSE ACQUISITION UNIVERSITY	176,454	176,454
130	JOINT CHIEFS OF STAFF	101,492	101,492
140	SPECIAL OPERATIONS COMMAND/PROFESSIONAL DEVELOPMENT EDUCATION	35,279	35,279
	SUBTOTAL TRAINING AND RECRUITING	313,225	313,225
ADMINISTRATION AND SERVICE-WIDE ACTIVITIES			
150	CIVIL MILITARY PROGRAMS	139,656	273,156
	National Guard Youth Challenge		[83,500]
	STARBASE		[50,000]
170	DEFENSE CONTRACT AUDIT AGENCY	646,072	636,072
	Program decrease		[-10,000]
180	DEFENSE CONTRACT AUDIT AGENCY—CYBER	4,107	4,107
190	DEFENSE CONTRACT MANAGEMENT AGENCY	1,506,300	1,474,300
	Program decrease		[-32,000]
200	DEFENSE CONTRACT MANAGEMENT AGENCY—CYBER	29,127	24,127
	Early to need		[-5,000]
210	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY	983,133	983,133
230	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY—CYBER	10,245	10,245
240	DEFENSE HUMAN RESOURCES ACTIVITY	935,241	791,241
	National Language Fellowship Add		[6,000]
	Program decrease		[-150,000]
250	DEFENSE HUMAN RESOURCES ACTIVITY—CYBER	26,113	26,113
260	DEFENSE INFORMATION SYSTEMS AGENCY	2,266,729	2,266,729
270	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER	643,643	663,643
	Internet Operations Management		[20,000]
300	DEFENSE LEGAL SERVICES AGENCY	233,687	223,687
	Program decrease		[-10,000]
310	DEFENSE LOGISTICS AGENCY	429,060	429,060
320	DEFENSE MEDIA ACTIVITY	243,631	198,631
	Program decrease		[-50,000]
	Web Enterprise Business		[5,000]
330	DEFENSE POW/MIA OFFICE	150,021	150,021
340	DEFENSE SECURITY COOPERATION AGENCY	2,445,669	2,282,669
	Baltic Security Initiative		[225,000]
	International Security Cooperation Programs		[100,000]
	Offset for Baltic Security Initiative		[-225,000]
	Program increase		[37,000]
	Transfer to Ukraine Security Assistance Initiative		[-300,000]
350	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	40,063	40,063
360	DEFENSE THREAT REDUCTION AGENCY	941,763	741,763

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2023 Request	House Authorized
	Program decrease		[-200,000]
380	DEFENSE THREAT REDUCTION AGENCY—CYBER	56,052	56,052
390	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	3,276,276	3,351,276
	Department of Defense Education Activity (Impact Aid Students with Disabilities)		[22,000]
	Department of Defense Education Activity (Impact Aid)		[53,000]
400	MISSILE DEFENSE AGENCY	541,787	541,787
430	OFFICE OF THE LOCAL DEFENSE COMMUNITY COOPERATION	108,697	128,697
	Defense Community Infrastructure Program		[20,000]
440	OFFICE OF THE SECRETARY OF DEFENSE	2,239,072	1,328,008
	Afghanistan War Commission		[2,500]
	AHI cross-functional team		[10,000]
	Center for Excellence in Civilian Harm Mitigation		[5,000]
	Commission on Civilian Harm		[4,000]
	Commission on Professional Military Education		[5,000]
	Commission on the National Defense Strategy		[2,900]
	Congressional Commission on the Strategic Posture of the United States		[2,800]
	Dellums Scholarship program		[5,000]
	Executive Education on Emerging Technologies for Civilian and Military Leaders		[3,500]
	Information Assurance Scholarship Program		[25,000]
	National Commission on the Future of the Navy		[4,000]
	National Security Commission on Emerging Biotechnology		[5,600]
	Office of the Secretary of Defense- ASD ET+E Personnel		[1,000]
	Pilot Program on Financial Assistance for Victims of Domestic Violence		[5,000]
	PPBE Commission		[3,800]
	Program decrease		[-774,675]
	Readiness Environmental Protection Integration Program		[6,000]
	Red teams		[1,000]
	Unjustified growth		[-228,489]
450	OFFICE OF THE SECRETARY OF DEFENSE—CYBER	55,255	55,255
500	WASHINGTON HEADQUARTERS SERVICES	369,943	347,943
	Program decrease		[-22,000]
500A	CLASSIFIED PROGRAMS	18,764,415	18,814,215
	Classified adjustment		[12,100]
	Defense Cover Program		[10,000]
	ICASS humint mission support		[9,000]
	Joint Worldwide Intelligence Communications System (JWICS) Modernization		[12,000]
	MARS Advanced Capabilities		[1,300]
	TORCH—Enterprise IT		[5,400]
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	37,085,757	35,841,993
	UNDISTRIBUTED		
510	UNDISTRIBUTED		-760,000
	Civilian Personnel inflation pay		[60,000]
	Foreign currency fluctuations		[-450,000]
	Historical unobligated balances		[-370,000]
	SUBTOTAL UNDISTRIBUTED		-760,000
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	48,406,516	46,235,031
	UKRAINE SECURITY ASSISTANCE		
010	UKRAINE SECURITY ASSISTANCE INITIATIVE		1,000,000
	Program increase		[700,000]
	Transfer from Defense Security Cooperation Agency		[300,000]
	SUBTOTAL UKRAINE SECURITY ASSISTANCE		1,000,000
	TOTAL UKRAINE SECURITY ASSISTANCE		1,000,000
	SEIZE THE INITIATIVE FUND		
010	SEIZE THE INITIATIVE FUND		1,000,000
	Program increase		[1,000,000]
	SUBTOTAL SEIZE THE INITIATIVE FUND		1,000,000

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2023 Request	House Authorized
	TOTAL SEIZE THE INITIATIVE FUND		1,000,000
	US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVITIES		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DE- FENSE	16,003	16,003
	SUBTOTAL ADMINISTRATION AND ASSOCI- ATED ACTIVITIES	16,003	16,003
	TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF	16,003	16,003
	DOD ACQUISITION WORKFORCE DEVELOPMENT FUND		
	ACQUISITION WORKFORCE DEVELOPMENT		
010	ACQ WORKFORCE DEV FD	53,791	53,791
	SUBTOTAL ACQUISITION WORKFORCE DEVEL- OPMENT	53,791	53,791
	TOTAL DOD ACQUISITION WORKFORCE DE- VELOPMENT FUND	53,791	53,791
	OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID		
	HUMANITARIAN ASSISTANCE		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	112,800	152,800
	Program increase		[40,000]
	SUBTOTAL HUMANITARIAN ASSISTANCE	112,800	152,800
	TOTAL OVERSEAS HUMANITARIAN, DIS- ASTER, AND CIVIC AID	112,800	152,800
	COOPERATIVE THREAT REDUCTION ACCOUNT		
010	COOPERATIVE THREAT REDUCTION	341,598	341,598
	SUBTOTAL COOPERATIVE THREAT REDUC- TION	341,598	341,598
	TOTAL COOPERATIVE THREAT REDUCTION ACCOUNT	341,598	341,598
	ENVIRONMENTAL RESTORATION, ARMY DEPARTMENT OF THE ARMY		
050	ENVIRONMENTAL RESTORATION, ARMY	196,244	196,244
	SUBTOTAL DEPARTMENT OF THE ARMY	196,244	196,244
	TOTAL ENVIRONMENTAL RESTORATION, ARMY	196,244	196,244
	ENVIRONMENTAL RESTORATION, NAVY DEPARTMENT OF THE NAVY		
060	ENVIRONMENTAL RESTORATION, NAVY	359,348	1,089,348
	Program increase		[30,000]
	Red Hill		[700,000]
	SUBTOTAL DEPARTMENT OF THE NAVY	359,348	1,089,348
	TOTAL ENVIRONMENTAL RESTORATION, NAVY	359,348	1,089,348
	ENVIRONMENTAL RESTORATION, AIR FORCE DEPARTMENT OF THE AIR FORCE		
070	ENVIRONMENTAL RESTORATION, AIR FORCE	314,474	344,474
	Program increase		[30,000]
	SUBTOTAL DEPARTMENT OF THE AIR FORCE ...	314,474	344,474
	TOTAL ENVIRONMENTAL RESTORATION, AIR FORCE	314,474	344,474
	ENVIRONMENTAL RESTORATION, DEFENSE DEFENSE-WIDE		
080	ENVIRONMENTAL RESTORATION, DEFENSE	8,924	33,924

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2023 Request	House Authorized
	<i>FUDS—Military Munitions Response Program</i>		<i>[25,000]</i>
	SUBTOTAL DEFENSE-WIDE	8,924	33,924
	TOTAL ENVIRONMENTAL RESTORATION, DEFENSE	8,924	33,924
	ENVIRONMENTAL RESTORATION FORMERLY USED SITES DEFENSE-WIDE		
090	<i>ENVIRONMENTAL RESTORATION FORMERLY USED SITES</i> ..	<i>227,262</i>	<i>227,262</i>
	SUBTOTAL DEFENSE-WIDE	227,262	227,262
	TOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES	227,262	227,262
	SUPPORT FOR INTERNATIONAL SPORTING COMPETITIONS, DEFENSE OPERATIONS SUPPORT		
100	<i>SUPPORT OF INTERNATIONAL SPORTING COMPETITIONS, DEFENSE</i>	<i>10,377</i>	<i>10,377</i>
	SUBTOTAL OPERATIONS SUPPORT	10,377	10,377
	TOTAL SUPPORT FOR INTERNATIONAL SPORTING COMPETITIONS, DEFENSE	10,377	10,377
	RED HILL RECOVERY FUND		
010	<i>RED HILL RECOVERY FUND</i>	<i>1,000,000</i>	<i>0</i>
	<i>Realignment to execution accounts</i>		<i>[-1,000,000]</i>
	SUBTOTAL RED HILL RECOVERY FUND	1,000,000	0
	TOTAL RED HILL RECOVERY FUND	1,000,000	0
	TOTAL OPERATION & MAINTENANCE	271,218,877	274,270,946

1 **TITLE XLIV—MILITARY**
 2 **PERSONNEL**
 3 **SEC. 4401. MILITARY PERSONNEL.**

SEC. 4401. MILITARY PERSONNEL <i>(In Thousands of Dollars)</i>		
Item	FY 2023 Request	House Authorized
Military Personnel	164,139,628	164,792,801
<i>Inflation bonus pay</i>		<i>[800,000]</i>
<i>BAH Absorption Restoration (1%)</i>		<i>[244,000]</i>
<i>Additional BAH Absorption Restoration (2%)</i>		<i>[250,000]</i>
<i>Military Personnel, Navy—Restore Navy Force Structure Cuts (Manpower)</i>		<i>[190,000]</i>
<i>Military Personnel, Navy—Restore Personnel for HSC-85 Aircraft (Manpower)</i>		<i>[19,173]</i>
<i>Military personnel historical underexecution</i>		<i>[-700,000]</i>
<i>Foreign currency fluctuations</i>		<i>[-150,000]</i>
MERHCF	9,743,704	9,743,704

1 **TITLE XLV—OTHER**
 2 **AUTHORIZATIONS**

3 **SEC. 4501. OTHER AUTHORIZATIONS.**

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2023 Request	House Authorized
NATIONAL DEFENSE STOCKPILE TRANSACTION FUND		
DEFENSE STOCKPILE	253,500	253,500
TOTAL NATIONAL DEFENSE STOCKPILE TRANSACTION FUND	253,500	253,500
WORKING CAPITAL FUND, ARMY		
ARMY ARSENALS INITIATIVE	28,448	28,448
ARMY SUPPLY MANAGEMENT	1,489	1,489
TOTAL WORKING CAPITAL FUND, ARMY	29,937	29,937
WORKING CAPITAL FUND, AIR FORCE TRANSPORTATION		
SUPPLIES AND MATERIALS	80,448	80,448
TOTAL WORKING CAPITAL FUND, AIR FORCE ..	80,448	80,448
WORKING CAPITAL FUND, DEFENSE-WIDE		
DEFENSE AUTOMATION & PRODUCTION SERVICES	2	2
WORKING CAPITAL FUND SUPPORT	8,300	2,508,300
<i>Fuel inflation</i>		[2,500,000]
TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE	8,302	2,508,302
WORKING CAPITAL FUND, DECA		
WORKING CAPITAL FUND SUPPORT	1,211,208	1,961,208
<i>Program increase</i>		[750,000]
TOTAL WORKING CAPITAL FUND, DECA	1,211,208	1,961,208
CHEM AGENTS & MUNITIONS DESTRUCTION		
CHEM DEMILITARIZATION—O&M	84,612	84,612
CHEM DEMILITARIZATION—RDT&E	975,206	975,206
TOTAL CHEM AGENTS & MUNITIONS DESTRUCTION	1,059,818	1,059,818
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
COUNTER-NARCOTICS SUPPORT	619,474	627,716
<i>JIATF-W</i>		[8,242]
DRUG DEMAND REDUCTION PROGRAM	130,060	134,060
<i>Young Marines Program</i>		[4,000]
NATIONAL GUARD COUNTER-DRUG PROGRAM	100,316	100,316
NATIONAL GUARD COUNTER-DRUG SCHOOLS	5,878	5,878
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	855,728	867,970
OFFICE OF THE INSPECTOR GENERAL		
OFFICE OF THE INSPECTOR GENERAL—O&M	474,650	474,650
OFFICE OF THE INSPECTOR GENERAL—CYBER	1,321	1,321
OFFICE OF THE INSPECTOR GENERAL—RDT&E	1,864	1,864
OFFICE OF THE INSPECTOR GENERAL—PROCUREMENT	1,524	1,524
TOTAL OFFICE OF THE INSPECTOR GENERAL	479,359	479,359
DEFENSE HEALTH PROGRAM		
IN-HOUSE CARE	9,906,943	10,006,943

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

<i>Item</i>	FY 2023 Request	House Authorized
<i>TRICARE Dental for Selected Reserve</i>		[100,000]
PRIVATE SECTOR CARE	18,455,209	18,455,209
CONSOLIDATED HEALTH SUPPORT	1,916,366	1,916,366
INFORMATION MANAGEMENT	2,251,151	2,251,151
MANAGEMENT ACTIVITIES	338,678	338,678
EDUCATION AND TRAINING	334,845	341,845
<i>TriService Nursing Research Program</i>		[7,000]
BASE OPERATIONS/COMMUNICATIONS	2,111,558	2,111,558
R&D RESEARCH	39,568	39,568
R&D EXPLORATORY DEVELOPMENT	175,477	175,477
R&D ADVANCED DEVELOPMENT	320,862	320,862
R&D DEMONSTRATION/VALIDATION	166,960	166,960
R&D ENGINEERING DEVELOPMENT	103,970	103,970
R&D MANAGEMENT AND SUPPORT	85,186	85,186
R&D CAPABILITIES ENHANCEMENT	17,971	47,971
<i>National Disaster Medical Surge Pilot and Implementa- tion</i>		[20,000]
<i>Warfighting Brain Initiative</i>		[10,000]
PROC INITIAL OUTFITTING	21,625	21,625
PROC REPLACEMENT & MODERNIZATION	234,157	234,157
PROC JOINT OPERATIONAL MEDICINE INFORMATION SYS- TEM	1,467	1,467
PROC MILITARY HEALTH SYSTEM—DESKTOP TO DATACENTER	72,601	72,601
PROC DOD HEALTHCARE MANAGEMENT SYSTEM MOD- ERNIZATION	240,224	240,224
SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS	137,356	137,356
TOTAL DEFENSE HEALTH PROGRAM	36,932,174	37,069,174
TOTAL OTHER AUTHORIZATIONS	40,910,474	44,309,716

1 **TITLE XLVI—MILITARY**
2 **CONSTRUCTION**

3 **SEC. 4601. MILITARY CONSTRUCTION.**

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

<i>Account</i>	<i>State/Country and Installation</i>	<i>Project Title</i>	FY 2023 Request	House Agreement
	<i>Alabama</i>			
<i>Army</i>	<i>Anniston Army Depot</i>	<i>General Purpose Warehouse</i>	0	2,400
<i>Army</i>	<i>Redstone Arsenal</i>	<i>Physics Lab</i>	0	44,000
	<i>California</i>			
<i>Army</i>	<i>Air Force Training Center Edwards</i>	<i>Planning and Design Munitions Igloo—East</i>	0	650
	<i>Colorado</i>			
<i>Army</i>	<i>Fort Carson</i>	<i>Fire Station Support Building</i>	14,200	14,200
	<i>Germany</i>			
<i>Army</i>	<i>East Camp Grafenwoehr</i>	<i>EDI: Battalion Trng Cplx1 (Brks/Veh Maint)</i>	104,000	104,000
<i>Army</i>	<i>East Camp Grafenwoehr</i>	<i>EDI: Battalion Trng Cplx2 (OPS/Veh Maint)</i>	64,000	64,000
	<i>Hawaii</i>			
<i>Army</i>	<i>Tripler Army Medical Center</i>	<i>Water System Upgrades</i>	0	2,000
<i>Army</i>	<i>Fort Shafter</i>	<i>Water System Upgrades</i>	0	2,000
	<i>Kwajalein</i>			
<i>Army</i>	<i>Kwajalein Atoll</i>	<i>Medical Clinic</i>	69,000	69,000
	<i>Louisiana</i>			
<i>Army</i>	<i>Fort Polk, Louisiana</i>	<i>Child Development Center</i>	32,000	32,000
<i>Army</i>	<i>Fort Polk, Louisiana</i>	<i>Joint Operations Center</i>	0	61,000
	<i>Maryland</i>			
<i>Army</i>	<i>Aberdeen Proving Ground</i>	<i>Test Maintenance Fabrication Facility</i>	0	85,000

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
Army	Aberdeen Proving Ground	Test Maintenance Fabrication Facility Cost to Complete.	0	7,600
Army	Mississippi Vicksburg	General Purpose Lab and Test Building	0	20,000
Army	New Jersey Picatinny Arsenal	Igloo Storage Installation	0	12,000
Army	Picatinny Arsenal	Precision Munitions Test Tower	0	3,654
Army	New York U.S. Military Academy	Engineering Center	39,800	39,800
Army	Fort Drum	Automated Record Fire Plus Range	0	2,400
Army	North Carolina Fort Bragg	Multipurpose Training Range	34,000	34,000
Army	Pennsylvania Letterkenny Army Depot	Shipping and Receiving Building	38,000	38,000
Army	Texas Fort Hood	Barracks	0	19,000
Army	Fort Hood	Automated Infantry Platoon Battle Course	0	1,220
Army	Fort Hood	Automated Machine Gun Range	0	1,240
Army	Fort Hood	Infantry Squad Battle Course	0	600
Army	Corpus Christi Army Depot	Powertrain Facility (Engine Assembly)	103,000	83,000
Army	Fort Bliss	Fire Station	15,000	15,000
Army	Washington Joint Base Lewis-McChord	Barracks	49,000	49,000
Army	Worldwide Unspecified Unspecified Worldwide Locations	Host Nation Support	26,000	26,000
Army	Unspecified Worldwide Locations	Planning and Design	167,151	167,151
Army	Unspecified Worldwide Locations	Unspecified Minor Construction	90,414	90,414
Army	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	502,900
Military Construction, Army Total			845,565	1,593,229
Navy	Alabama Redstone Arsenal	Building 6231	0	6,000
Navy	Australia Royal Australian Air Force Base Darwin	PDI: Aircraft Parking Apron (Inc)	72,446	72,446
Navy	California Corona	Performance Assessment Communications Laboratory	0	15,000
Navy	Corona	Planning and Design Data Science Analytics and Innovation.	0	2,845
Navy	Marine Corps Base Camp Pendleton	Basilone Road Realignment	85,210	85,210
Navy	Naval Air Station Lemoore	F-35C Aircraft Maintenance Hangar & Airfield Pave	201,261	43,261
Navy	Naval Base Point Loma Annex	Child Development Center	56,450	56,450
Navy	Naval Base San Diego	Pier 6 Replacement (Inc)	15,565	15,565
Navy	Marine Corps Air Ground Combat Center Twentynine Palms	Range Simulation Training & Operations Fac.	120,382	11,382
Navy	Connecticut Naval Submarine Base New London	Relocate Underwater Electromagnetic Measure.	15,514	15,514
Navy	Florida Naval Air Station Jacksonville	Engine Test Cells Modifications	86,232	86,232
Navy	Marine Corps Support Facility Blount Island	Communications Infrastructure Modernization Design.	0	5,291
Navy	Naval Air Station Whiting Field	AHTS Aircraft Flight Simulator Facility	57,789	57,789
Navy	Georgia Naval Submarine Base Kings Bay	Nuclear Regional Maintenance Facility	213,796	213,796
Navy	Naval Submarine Base Kings Bay	Trident Training Fac. Columbia Trainer Expan.	65,375	65,375
Navy	Guam Marine Corps Base Camp Blaz	PDI: 9th Eng Supp Battalion Equip & Main Fac	131,590	48,590
Navy	Marine Corps Base Camp Blaz	PDI: 9th Engineer Support Battalion Ops. Fac.	35,188	35,188

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
Navy	Marine Corps Base Camp Blaz	PDI: Brown Tree Snake Exclusion Barrier South	14,497	14,497
Navy	Marine Corps Base Camp Blaz	PDI: Ground Combat Element Infantry Battalion 1 & 2 Facility.	149,314	79,314
<i>Hawaii</i>				
Navy	Marine Corps Base Kaneohe Bay	Bachelor Enlisted Quarters (P-973)	0	87,930
Navy	Joint Base Pearl Harbor-Hickam	Dry Dock 3 Replacement (Inc)	621,185	621,185
<i>Idaho</i>				
Navy	Carderock	Planning and Design ARD Range Craft Berthing Facility.	0	706
<i>Japan</i>				
Navy	Kadena Air Base	PDI: Marine Corps Bachelor Enlisted Quarters	94,100	34,100
Navy	Kadena Air Base	PDI: Marine Corps Barracks Complex, Kadena	101,300	101,300
<i>Maine</i>				
Navy	Kittery	Multi-Mission Drydock #1 Extension (Inc)	503,282	503,282
<i>Maryland</i>				
Navy	Carderock	SFOMF Storage Laboratory	0	2,073
Navy	Carderock	Planning and Design Ship Systems Integration and Design Facility.	0	2,650
Navy	Indian Head	EOD Explosive Testing Range 2 Expansion at SN, Building 2107.	0	2,039
Navy	Indian Head	New Combustion Laboratory	0	6,000
Navy	Indian Head	Planning and Design Contained Burn Facility	0	5,650
Navy	Naval Surface Warfare Center Indian Head	Contained Burn Facility	0	4,750
<i>Nevada</i>				
Navy	Naval Air Station Fallon	F-35C Aircraft Maintenance Hangar	97,865	37,865
<i>North Carolina</i>				
Navy	Marine Corps Base Camp Lejeune	Regional Communications Station, Hadnot Point	47,475	47,475
Navy	Marine Corps Air Station Cherry Point	Aircraft Maintenance Hangar (Inc)	106,000	91,000
Navy	Marine Corps Air Station Cherry Point	CH-53K Gearbox Repair and Test Facility	38,415	38,415
Navy	Marine Corps Air Station Cherry Point	F-35 Flightline Util. Modern. Ph 2 (Inc)	58,000	58,000
<i>Pennsylvania</i>				
Navy	Philadelphia	Machinery Control Developmental Center	0	86,610
<i>Virginia</i>				
Navy	Dahlgren	Upgrade Electrical Substation 1	0	2,503
Navy	Dahlgren	Planning and Design Weapons Integration and Test Campus.	0	1,237
Navy	Naval Station Norfolk	Submarine Logistics Support Facilities	16,863	16,863
Navy	Naval Station Norfolk	Submarine Pier 3 (Inc)	155,000	155,000
Navy	Portsmouth Naval Shipyard	Dry Dock Saltwater System for CVN-78 (Inc)	47,718	47,718
<i>Washington</i>				
Navy	Naval Air Station Whidbey Island	E/A-18G Aircraft Flt. Read. Squad. Train. Fac	37,461	37,461
<i>Worldwide Unspecified</i>				
Navy	Unspecified Worldwide Locations	MICON Planning and Funds	397,124	397,124
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction	109,994	109,994
Navy	Unspecified Worldwide Locations	Red Hill	0	23,184
Navy	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	1,198,000
Military Construction, Navy Total			3,752,391	4,649,859
<i>Alabama</i>				
AF	Maxwell Air Force Base	Commercial Vehicle Inspection Gate	0	15,000
<i>Alaska</i>				
AF	Clear Air Force Station	LRDR Dormitory	68,000	68,000
AF	Joint Base Elmendorf-Richardson	Extend Runway 16/34, Inc	100,000	100,000
<i>California</i>				
AF	Vandenberg Air Force Base	GBSD Consolidated Maintenance Facility	89,000	89,000
AF	Travis Air Force Base	KC-46 ADAL Simulator Facility, B179	0	7,500
<i>Florida</i>				
AF	Patrick Space Force Base	Consolidated Communications Facility	0	75,680

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
AF	Air Force Research Lab—Eglin Air Force Base	Planning and Design Shock and Applied Impact Laboratory (SAIL).	0	530
AF	Eglin Air Force Base	F-35A ADAL Development Test	0	2,500
AF	Eglin Air Force Base	F-35A Developmental Test 2-Bay MXS Hangar	0	4,100
AF	Eglin Air Force Base	F-35A Developmental Test 2-Bay Test Hangar	0	3,700
	Hawaii			
AF	Kirtland Air Force Base, Maui Experimental Site #1	Secure Integration Support Lab With Land Acquisition.	0	89,000
	Hungary			
AF	Papa Air Base	EDI: DABS-FEV Storage	71,000	71,000
	Iceland			
AF	Keflavik	EDI: DABS-FEV Storage	94,000	94,000
	Italy			
AF	Aviano Air Base	Combat Rescue Helicopter Simulator Facility	15,500	15,500
AF	Aviano Air Base	EDI: RADR Storage Facility	31,000	31,000
	Japan			
AF	Kadena Air Base	Helicopter Rescue OPS Maintenance Hangar, Inc	71,000	71,000
AF	Kadena Air Base	PDI: Theater A/C Corrosion Control Ctr, Inc	77,000	77,000
	Jordan			
AF	Azraq Air Base	Bulk Petroleum/Oil/Lubricants Storage	32,000	32,000
AF	Azraq Air Base	Fuel Cell and Phase Maintenance Hangars	18,000	18,000
	Louisiana			
AF	Barksdale Air Force Base	Weapons Generation Facility, Inc	125,000	125,000
	Mariana Islands			
AF	Tinian	PDI: Airfield Development Phase 1, Inc	58,000	58,000
AF	Tinian	PDI: Fuel Tanks W/Pipeln & Hydrant Sys, Inc	92,000	92,000
AF	Tinian	PDI: Parking Apron, Inc	41,000	41,000
	Massachusetts			
AF	Hanscom Air Force Base	MIT-Lincoln Lab (West Lab CSL/MIF), Inc	30,200	30,200
	New Mexico			
AF	Kirtland Air Force Base	JNWC Headquarters	0	4,700
AF	Kirtland Air Force Base	Space Rapid Capabilities Office (SPRCO) Headquarters Facility.	0	4,400
	New York			
AF	Air Force Research Lab Rome	Construct HF Antennas, Newport and Stockbridge Annexes.	0	4,200
	Norway			
AF	Rygge	EDI: Base Perimeter Security Fence	8,200	8,200
	Ohio			
AF	Wright-Patterson Air Force Base	Child Development Center/School Age Center	0	29,000
	Oklahoma			
AF	Tinker Air Force Base	Facility and Land Acquisition (MROTC)	30,000	30,000
AF	Tinker Air Force Base	KC-46A 3-Bay Depot Maintenance Hangar, Inc	49,000	49,000
AF	Tinker Air Force Base	KC-46A Fuel POL Infrastructure	13,600	13,600
AF	Altus Air Force Base	South Gate	0	4,750
	South Carolina			
AF	Shaw Air Force Base	RAPCON Facility	10,000	10,000
	South Dakota			
AF	Ellsworth Air Force Base	B-21 2-Bay LO Restoration Facility, Inc	91,000	76,000
AF	Ellsworth Air Force Base	B-21 Radio Frequency Facility	77,000	77,000
AF	Ellsworth Air Force Base	B-21 Weapons Generation Facility, Inc	50,000	50,000
	Spain			
AF	Moron Air Base	EDI: RADR Storage Facility	29,000	29,000
	Tennessee			
AF	Arnold Air Force Base	Arc Heater Test Facility Dragon Fire	38,000	38,000
	Texas			
AF	Joint Base San Antonio	BMT Recruit Dormitory 8, Inc 3 CTC	0	5,400
AF	Joint Base San Antonio	BMT Recruit Dormitory 7, Inc	90,000	45,000
AF	Joint Base San Antonio	Randolph AFB Child Development Center	0	29,000
	Utah			
AF	Hill Air Force Base	GBSD Organic Software Sustain Ctr, Inc	95,000	95,000
AF	Hill Air Force Base	GBSD Technology and Collaboration Center	84,000	84,000
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	Planning & Design	11,722	11,722
AF	Unspecified Worldwide Locations	Planning & Design	12,424	12,424
AF	Unspecified Worldwide Locations	Planning & Design	111,648	111,648
AF	Unspecified Worldwide Locations	Varlcos Cost to Complete	0	89,000

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
AF	Various Worldwide Locations	Unspecified Minor Military Construction	66,162	66,162
AF	Various Worldwide Locations	Natural Disaster Response- Cost to Complete	0	360,000
AF	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	746,000
<i>Wyoming</i>				
AF	F.E. Warren Air Force Base	GBSD Integrated Command Center Wing a	95,000	95,000
AF	F.E. Warren Air Force Base	GBSD Land Acquisition	34,000	34,000
AF	F.E. Warren Air Force Base	GBSD Missile Handling Complex Wing a	47,000	47,000
Military Construction, Air Force Total			2,055,456	3,469,916
<i>Alabama</i>				
Def-Wide	Missile and Space Intelligence Center, Redstone Arsenal	Backup Power Generation	0	10,700
<i>California</i>				
Def-Wide	Naval Base Ventura County, Point Mugu	Ground Mounted Solar Photovoltaic System	0	13,360
Def-Wide	Marine Corps Mountain Warfare Training Center Bridgeport	Microgrid and Backup Power	0	25,560
Def-Wide	Cornado	SOF Operations Support Facility	75,712	75,712
<i>Djibouti</i>				
Def-Wide	Camp Lemonnier	Enhanced Energy Security and Control Systems	0	24,000
<i>Florida</i>				
Def-Wide	Naval Air Station Jacksonville	Facility Energy Operations Center Renovation	0	2,400
Def-Wide	Patrick Space Force Base	Underground Electric Distribution System	0	8,400
Def-Wide	Patrick Space Force Base	Water Distribution Loop	0	7,300
Def-Wide	Hurlburt Field	SOF Human Performance Training Center	9,100	9,100
Def-Wide	MacDill Air Force Base	SOF Operations Integration Facility	0	50,000
Def-Wide	MacDill Air Force Base	SOF Joint MISO Web-Operations Facility	0	8,730
<i>Georgia</i>				
Def-Wide	Fort Stewart-Hunter Army Airfield	Power Generation and Microgrid	0	25,400
Def-Wide	Naval Submarine Base Kings Bay	SCADA Modernization	0	11,200
<i>Germany</i>				
Def-Wide	Baumholder	Baumholder Elementary School	71,000	71,000
Def-Wide	Baumholder	SOF Battalion Annex	22,468	22,468
Def-Wide	Baumholder	SOF Communications Annex	9,885	9,885
Def-Wide	Baumholder	SOF Operations Annex	23,768	23,768
Def-Wide	Baumholder	SOF Support Annex	21,902	21,902
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Inc 10	299,790	99,790
Def-Wide	Weisbaden	Clay Kaserne Elementary School	60,000	60,000
<i>Guam</i>				
Def-Wide	Naval Base Guam	Electrical Distribution System	0	34,360
<i>Hawaii</i>				
Def-Wide	Joint Base Pearl Harbor-Hickham	Primary Electrical Distribution	0	25,000
<i>Japan</i>				
Def-Wide	Kadena	Lighting Upgrades	0	780
Def-Wide	Iwakuni	PDI: Bulk Storage Tanks Ph 1	85,000	85,000
Def-Wide	Yokosuka	Kinnick High School Inc	20,000	20,000
Def-Wide	Yokota Air Base	PDI: Bulk Storage Tanks Ph I (Inc)	44,000	44,000
Def-Wide	Yokota Air Base	PDI: Operations and Warehouse Facilities	72,154	72,154
<i>Kansas</i>				
Def-Wide	Fort Riley	Power Generation and Microgrid	0	25,780
<i>Kuwait</i>				
Def-Wide	Camp Arifjan	Power Generation and Microgrid	0	26,850
<i>Maryland</i>				
Def-Wide	Fort Meade	Reclaimed Water Infrastructure Expansion	0	23,310
Def-Wide	Bethesda Naval Hospital	MEDCEN Addition / Alteration Inc 6	75,500	75,500
Def-Wide	Fort Meade	NSAW Mission OPS and Records Center (Inc)	140,000	140,000
Def-Wide	Fort Meade	NSAW Recap Building 4 (Inc)	378,000	378,000
<i>North Carolina</i>				
Def-Wide	Fort Bragg	SOF Operations Building	18,870	18,870
Def-Wide	Fort Bragg	SOF Supply Support Activity	15,600	15,600
<i>Texas</i>				

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
Def-Wide	Fort Hood	Power Generation and Microgrid	0	31,500
Def-Wide	U.S. Army Reserve Center, Conroe	Power Generation and Microgrid	0	9,600
Def-Wide	Joint Base San Antonio Virginia	Ambulatory Care Center Replacement (Dental)	58,600	58,600
Def-Wide	Naval Support Activity Hampton Roads	Backup Power Generation	0	3,400
Def-Wide	NCE Springfield, Fort Belvoir	Chilled Water Redundancy	0	1,100
Def-Wide	Naval Support Activity Hampton Roads	Primary Distribution Substation	0	19,000
Def-Wide	Dam Neck	SOF Operations Building Addition	26,600	26,600
Def-Wide	Pentagon	Commercial Vehicle Inspection Facility	18,000	18,000
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	329,000	0
Def-Wide	Unspecified Worldwide Locations	ERCIP Design	224,250	224,250
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction	18,644	18,644
Def-Wide	Unspecified Worldwide Locations	INDOPACOM	0	47,600
Def-Wide	Unspecified Worldwide Locations	INDOPACOM—Red Hill Fuel Distribution	0	75,000
Def-Wide	Unspecified Worldwide Locations	Planning and Design—Defw	26,689	26,689
Def-Wide	Unspecified Worldwide Locations	Planning and Design—DHA	33,227	33,227
Def-Wide	Unspecified Worldwide Locations	Planning and Design—DLA	30,000	30,000
Def-Wide	Unspecified Worldwide Locations	Planning and Design—DODEA	20,086	20,086
Def-Wide	Unspecified Worldwide Locations	Planning and Design—MDA	47,063	47,063
Def-Wide	Unspecified Worldwide Locations	Planning and Design—NSA	9,618	9,618
Def-Wide	Unspecified Worldwide Locations	Planning and Design—SOCOM	26,978	26,978
Def-Wide	Unspecified Worldwide Locations	Planning and Design—TJS	2,360	2,360
Def-Wide	Unspecified Worldwide Locations	Planning and Design—WHIS	2,106	2,106
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction—Defw	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction—DHA	15,000	15,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction—DODEA	8,000	8,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction—NSA	6,000	6,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction—SOCOM	36,726	36,726
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction—DLA	31,702	31,702
Def-Wide	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	688,000
Def-Wide	Various Worldwide Locations	EUUCOM—Infrastructure to Support Presence on Nato's Eastern Flank (Planning and Design).	0	50,000
	INDOPACOM			
Def-Wide	INDOPACOM	Exercise Related Minor Construction	0	16,130
	Military Construction, Defense-Wide Total		2,416,398	3,151,858
	Worldwide Unspecified			
NATO	NATO Security Investment Program	NATO Security Investment Program	210,139	210,139
	NATO Security Investment Program Total		210,139	210,139
	Delaware			
Army NG	New Castle	National Guard Readiness Center	16,000	16,000
	Florida			
Army NG	Palm Coast	National Guard Vehicle Maintenance Shop	12,000	12,000
Army NG	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range.	0	8,500
Army NG	Camp Blanding	Scout Recce Gunnery Complex	0	16,200
	Hawaii			
Army NG	Kapolei	National Guard Readiness Center Addition	29,000	29,000

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
Army NG	Indiana Atlanta	National Guard Readiness Center	20,000	20,000
Army NG	Iowa West Des Moines	National Guard Readiness Center	15,000	15,000
Army NG	Louisiana Camp Beauregard	Energy Resilience Conservation Investment Program Project.	0	765
Army NG	Louisiana National Guard New Orleans	Munitions Administrative Facility	0	1,650
Army NG	Abbeville	National Guard Readiness Center Planning and Design.	0	1,650
Army NG	Michigan Camo Grayling	National Guard Readiness Center	16,000	16,000
Army NG	Minnesota New Ulm	National Guard Readiness Center	17,000	17,000
Army NG	Nevada Reno	National Guard Readiness Center Add/Alt	18,000	18,000
Army NG	New York Troy	National Guard Vehicle Maintenance Shop	17,000	17,000
Army NG	North Carolina Mcleansville	National Guard Vehicle Maintenance Shop	15,000	15,000
Army NG	Puerto Rico Camp Santiago	Engineering/Housing Maintenance Shops (DPW)	14,500	14,500
Army NG	Vermont Bennington	National Guard Readiness Center	14,800	14,800
Army NG	West Virginia Buchannon	National Guard Readiness Center Add/Alt	14,000	14,000
Army NG	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	28,245	28,245
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	35,933	35,933
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	0	4,346
Army NG	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	138,600
Army NG	Wyoming Sheridan	National Guard Vehicle Maintenance Shop	14,800	14,800
Military Construction, Army National Guard Total			297,278	468,989
Army Res	Florida Perrine	Army Reserve Center/AMSA	46,000	46,000
Army Res	Puerto Rico Fort Buchanan	Army Reserve Center	24,000	24,000
Army Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design	9,829	9,829
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction	20,049	20,049
Army Res	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	37,300
Military Construction, Army Reserve Total			99,878	137,178
N/MC Res	Worldwide Unspecified Unspecified Worldwide Locations	MCNR Unspecified Minor Construction	27,747	18,747
N/MC Res	Unspecified Worldwide Locations	USMCR Planning and Design	2,590	2,590
N/MC Res	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	19,500
Military Construction, Naval Reserve Total			30,337	40,837
Air NG	Alabama Birmingham International Airport	Security and Services Training Facility	7,500	7,500
Air NG	Arizona Montgomery	F-35 Weapons Load Crew Training Facility	0	6,800
Air NG	Morris Air National Guard Base	Base Entry Complex		12,000
Air NG	Tucson International Airport	Land Acquisition	10,000	10,000
Air NG	Florida Jacksonville Air National Guard Base	F-35 Construct Munitions Storage Area Administration Jacksonville IAP Design.	0	730
Air NG	Jacksonville Air National Guard Base	F-35 Munitions Maintenance and Inspection Facility Design.	0	530

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
Air NG	Jacksonville International Airport	F-35 Construct Flight Simulator Facility	22,200	22,200
Air NG	Indiana Fort Wayne International Airport	Munitions Maintenance & Storage Complex	12,800	12,800
Air NG	Tennessee McGhee-Tyson Airport	KC-135 Maintenance Shops	23,800	23,800
Air NG	Worldwide Unspecified	Planning and Design	28,412	28,412
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction	44,171	44,171
Air NG	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	122,900
Military Construction, Air National Guard Total			148,883	291,843
AF Res	California Beale Air Force Base	940 ARW Squad OPS/AMU	33,000	33,000
AF Res	Virginia Joint Base Langley-Eustis	Reserve Intelligence Group Facility	0	10,500
AF Res	Worldwide Unspecified	Planning & Design	11,773	11,773
AF Res	Unspecified Worldwide Locations	Unspecified Minor Military Construction	11,850	11,850
AF Res	Various Worldwide Locations	Cost to Complete- Inflation Adjustment	0	46,600
Military Construction, Air Force Reserve Total			56,623	113,723
FH Con Army	Germany Baumholder	Family Housing Replacement Construction	57,000	57,000
FH Con Army	Italy Vicenza	Family Housing New Construction	95,000	95,000
FH Con Army	Worldwide Unspecified	Family Housing P & D	17,339	17,339
Family Housing Construction, Army Total			169,339	169,339
FH Ops Army	Worldwide Unspecified	Furnishings	22,911	22,911
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support	65,740	65,740
FH Ops Army	Unspecified Worldwide Locations	Leasing	127,499	127,499
FH Ops Army	Unspecified Worldwide Locations	Maintenance	117,555	117,555
FH Ops Army	Unspecified Worldwide Locations	Management	45,718	45,718
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous	559	559
FH Ops Army	Unspecified Worldwide Locations	Services	9,580	9,580
FH Ops Army	Unspecified Worldwide Locations	Utilities	46,849	46,849
Family Housing Operation And Maintenance, Army Total			436,411	436,411
FH Con Navy	Guam Joint Region Marianas	Replace Andersen Housing Ph VI	68,985	68,985
FH Con Navy	Mariana Islands Guam	Replace Andersen Housing Ph IV	86,390	86,390
FH Con Navy	Guam	Replace Andersen Housing Ph V	93,259	93,259
FH Con Navy	Worldwide Unspecified	Design, Washington DC	7,043	7,043
FH Con Navy	Unspecified Worldwide Locations	Improvements, USMC HQ Washington DC	74,540	74,540
FH Con Navy	Unspecified Worldwide Locations	USMC DPRI/Guam Planning and Design	7,080	7,080
Family Housing Construction, Navy And Marine Corps Total			337,297	337,297
Worldwide Unspecified				

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings</i>	16,182	16,182
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Housing Privatization Support</i>	61,605	61,605
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing</i>	66,333	66,333
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance</i>	105,470	105,470
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Management</i>	59,312	59,312
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Miscellaneous</i>	411	411
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Services</i>	16,494	16,494
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities</i>	42,417	42,417
Family Housing Operation And Maintenance, Navy And Marine Corps Total			368,224	368,224
<i>Delaware</i>				
<i>FH Con AF</i>	<i>Dover AFB</i>	<i>Dover MHPI Restructure</i>	25,492	25,492
<i>Florida</i>				
<i>FH Con AF</i>	<i>Tyndall AFB</i>	<i>AETC Restructuring</i>	150,685	150,685
<i>Illinois</i>				
<i>FH Con AF</i>	<i>Scott AFB</i>	<i>Scott MHPI Restructure</i>	52,003	52,003
<i>Maryland</i>				
<i>FH Con AF</i>	<i>Andrews AFB</i>	<i>MHPI Equity Contribution CMSSF House</i>	1,878	1,878
<i>Worldwide Unspecified</i>				
<i>FH Con AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Planning & Design</i>	2,730	2,730
Family Housing Construction, Air Force Total			232,788	232,788
<i>Worldwide Unspecified</i>				
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings</i>	27,379	27,379
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Housing Privatization</i>	33,517	33,517
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing</i>	7,882	7,882
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance</i>	150,375	150,375
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Management</i>	77,042	77,042
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Miscellaneous</i>	2,240	2,240
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Services</i>	10,570	10,570
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities</i>	46,217	46,217
Family Housing Operation And Maintenance, Air Force Total			355,222	355,222
<i>Worldwide Unspecified</i>				
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings—DLA</i>	656	656
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings—NSA</i>	87	87
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing—DLA</i>	31,849	31,849
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing—NSA</i>	13,306	13,306
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance—NSA</i>	34	34
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities—DLA</i>	4,166	4,166
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities—NSA</i>	15	15
Family Housing Operation And Maintenance, Defense-Wide Total			50,113	50,113
<i>Worldwide Unspecified</i>				
<i>FHIF</i>	<i>Unspecified Worldwide Locations</i>	<i>Administrative Expenses—FHIF</i>	6,442	6,442
DOD Family Housing Improvement Fund Total			6,442	6,442
<i>Worldwide Unspecified</i>				

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2023 Request	House Agreement
UHF	Unspecified Worldwide Locations	Administrative Expenses—UHF	494	494
Unaccompanied Housing Improvement Fund Total			494	494
BRAC	Worldwide Unspecified Base Realignment & Closure, Army	Base Realignment and Closure	67,706	117,706
Base Realignment and Closure—Army Total			67,706	117,706
BRAC	Worldwide Unspecified Unspecified Worldwide Locations	Base Realignment & Closure	106,664	156,664
Base Realignment and Closure—Navy Total			106,664	156,664
BRAC	Worldwide Unspecified Unspecified Worldwide Locations	DOD BRAC Activities—Air Force	107,311	107,311
Base Realignment and Closure—Air Force Total			107,311	107,311
BRAC	Worldwide Unspecified Unspecified Worldwide Locations	Int-4: DLA Activities	3,006	3,006
Base Realignment and Closure—Defense-wide Total			3,006	3,006
Total, Military Construction			12,153,965	16,468,588

1 **TITLE XLVII—DEPARTMENT OF**
 2 **ENERGY NATIONAL SECURITY**
 3 **PROGRAMS**

4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**
 5 **PROGRAMS.**

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)			
Program	FY 2023 Request	House Authorized	
Discretionary Summary By Appropriation			
Energy And Water Development, And Related Agencies			
Appropriation Summary:			
Energy Programs			
Nuclear Energy	156,600	156,600	
Atomic Energy Defense Activities			
National nuclear security administration:			
Weapons activities	16,486,298	17,210,798	
Defense nuclear nonproliferation	2,346,257	2,348,257	
Naval reactors	2,081,445	2,081,445	
Federal salaries and expenses	496,400	496,400	
Total, National Nuclear Security Administration	21,410,400	22,136,900	
Environmental and other defense activities:			
Defense environmental cleanup	6,914,532	7,229,203	
Other defense activities	978,351	978,351	
Total, Environmental & other defense activities	7,892,883	8,207,554	
Total, Atomic Energy Defense Activities	29,303,283	30,344,454	
Total, Discretionary Funding	29,459,883	30,501,054	

Nuclear Energy

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2023 Request	House Authorized
<i>Idaho site-wide safeguards and security</i>	156,600	156,600
Total, Nuclear Energy	156,600	156,600
Stockpile Management		
Stockpile Major Modernization		
<i>B61-12 Life Extension Program</i>	672,019	672,019
<i>W88 Alteration Program</i>	162,057	162,057
<i>W80-4 Life Extension Program</i>	1,122,451	1,117,451
<i>W80-4 ALT SLCM</i>	0	20,000
<i>Research and development for a nuclear warhead for a nuclear-capable sea-launched cruise missile</i>		[20,000]
<i>W87-1 Modification Program</i>	680,127	680,127
<i>W93 Program</i>	240,509	240,509
Total, Stockpile Major Modernization	2,877,163	2,892,163
Stockpile services		
<i>Stockpile Sustainment</i>	1,321,139	1,321,139
<i>Weapons Dismantlement and Disposition</i>	50,966	50,966
<i>Production Operations</i>	630,894	630,894
<i>Nuclear Enterprise Assurance</i>	48,911	48,911
Subtotal, Stockpile Services	2,051,910	2,051,910
Total, Stockpile Management	4,929,073	4,944,073
Weapons Activities		
Production Modernization		
Primary Capability Modernization		
Plutonium Modernization		
Los Alamos Plutonium Modernization		
<i>Los Alamos Plutonium Operations</i>	767,412	767,412
<i>21-D-512 Plutonium Pit Production Project, LANL</i>	588,234	588,234
<i>15-D-302 TA-55 Reinvestments Project, Phase 3, LANL</i>	30,002	30,002
<i>07-D-220-04 Transuranic Liquid Waste Facility, LANL</i>	24,759	24,759
<i>04-D-125 Chemistry and Metallurgy Research Replacement Project, LANL</i>	162,012	162,012
Subtotal, Los Alamos Plutonium Modernization	1,572,419	1,572,419
Savannah River Plutonium Modernization		
<i>Savannah River Plutonium Operations</i>	58,300	58,300
<i>21-D-511 Savannah River Plutonium Processing Facility, SRS</i>	700,000	1,075,000
<i>NNSA unfunded priority</i>		[375,000]
Subtotal, Savannah River Plutonium Modernization	758,300	1,133,300
<i>Enterprise Plutonium Support</i>	88,993	88,993
Total, Plutonium Modernization	2,419,712	2,794,712
High Explosives and Energetics		
<i>High Explosives & Energetics</i>	101,380	101,380
<i>HESE OPCs</i>	0	0
<i>23-D-516 Energetic Materials Characterization Facility, LANL</i>	19,000	19,000
<i>21-D-510 HE Synthesis, Formulation, and Production, PX Project risk reduction</i>	108,000	133,000
<i>15-D-301 HE Science & Engineering Facility, PX Project risk reduction</i>	20,000	30,000
		[10,000]
Total, High Explosives and Energetics	248,380	283,380
Total, Primary Capability Modernization	2,668,092	3,078,092
Secondary Capability Modernization		
<i>Uranium Modernization</i>	297,531	297,531
<i>Depleted Uranium Modernization</i>	170,171	170,171
<i>Lithium Modernization</i>	68,661	68,661
<i>18-D-690 Lithium Processing Facility, Y-12</i>	216,886	216,886
<i>06-D-141 Uranium Processing Facility, Y-12</i>	362,000	362,000
Total, Secondary Capability Modernization	1,115,249	1,115,249
Tritium and Domestic Uranium Enrichment		
<i>Tritium Sustainment and Modernization</i>	361,797	361,797
<i>Domestic Uranium Enrichment</i>	144,852	144,852
<i>18-D-650 Tritium Finishing Facility, SRS</i>	73,300	73,300
Total, Tritium and Domestic Uranium Enrichment	579,949	579,949
<i>Non-Nuclear Capability Modernization</i>	123,084	123,084

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2023 Request	House Authorized
Capability Based Investments	154,220	154,220
Total, Production Modernization	4,640,594	5,050,594
Stockpile Research, Technology, and Engineering		
Assessment Science	854,798	914,798
Enhanced Capability for Subcritical Experiments (ECSE) and Hydro- dynamic and Subcritical Experiment Execution Support.		[70,000]
Program decrease		[-10,000]
Engineering and Integrated Assessments	366,455	366,455
Inertial Confinement Fusion	544,095	624,095
Advanced Simulation and Computing	742,646	842,146
Weapon Technology and Manufacturing Maturation	286,165	296,165
Academic Programs	100,499	100,499
Total, Stockpile Research, Technology, and Engineering	2,894,658	3,144,158
Infrastructure and Operations		
Operations of facilities	1,038,000	1,038,000
Safety and environmental operations	162,000	162,000
Maintenance and repair of facilities	680,000	730,000
Deferred maintenance		[50,000]
Recapitalization:		
Infrastructure and safety	561,663	561,663
Total, Recapitalization	561,663	561,663
Construction:		
23-D-519 Special Materials Facility, Y-12	49,500	49,500
23-D-518 Plutonium Modernization Operations & Waste Management Office Building, LANL	48,500	48,500
23-D-517 Electrical Power Capacity Upgrade, LANL	24,000	24,000
22-D-514 Digital Infrastructure Capability Expansion, LLNL	67,300	67,300
Total, Construction	189,300	189,300
Total, Infrastructure and operations	2,630,963	2,680,963
Secure transportation asset		
Operations and equipment	214,367	214,367
Program direction	130,070	130,070
Total, Secure transportation asset	344,437	344,437
Defense Nuclear Security		
Operations and Maintenance	878,363	878,363
Construction:		0
17-D-710 West end protected area reduction project, Y-12	3,928	3,928
Total, Defense nuclear security	882,291	882,291
Information technology and cybersecurity	445,654	445,654
Legacy contractor pensions	114,632	114,632
Use of Prior Year Balances	-396,004	-396,004
Total, Weapons Activities	16,486,298	17,210,798
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
International nuclear security	81,155	83,155
NA-82 Counterproliferation classified program increase		[2,000]
Radiological security	244,827	244,827
Nuclear smuggling detection and deterrence	178,095	188,095
Total, Global material security	504,077	516,077
Material management and minimization		
Conversion	153,260	153,260
Nuclear material removal	41,600	41,600
Material disposition	256,025	256,025
Total, Material management & minimization	450,885	450,885
Nonproliferation and arms control	207,656	207,656
Defense nuclear nonproliferation R&D		
Proliferation Detection	287,283	287,283

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2023 Request	House Authorized
Nuclear Detonation Detection	279,205	289,205
Forensics R&D	44,414	44,414
Nonproliferation Stewardship Program	109,343	109,343
Total, Defense nuclear nonproliferation R&D	720,245	730,245
NNSA Bioassurance Program	20,000	0
Nonproliferation Construction:		
18-D-150 Surplus Plutonium Disposition Project, SRS	71,764	71,764
Total, Nonproliferation construction	71,764	71,764
Total, Defense Nuclear Nonproliferation Programs	1,974,627	1,976,627
Legacy contractor pensions	55,708	55,708
Nuclear counterterrorism and incident response program	438,970	438,970
Use of prior-year balances	-123,048	-123,048
Total, Defense Nuclear Nonproliferation	2,346,257	2,348,257
Naval Reactors		
Naval reactors development	798,590	798,590
Columbia-Class reactor systems development	53,900	53,900
S&G Prototype refueling	20,000	20,000
Naval reactors operations and infrastructure	695,165	695,165
Construction:		
23-D-533 BL Component Test Complex	57,420	57,420
14-D-901 Spent Fuel Handling Recapitalization Project, NRF	397,845	397,845
Total, Construction	455,265	455,265
Program direction	58,525	58,525
Total, Naval Reactors	2,081,445	2,081,445
Federal Salaries And Expenses		
Program direction	513,200	513,200
Use of Prior Year Balances	-16,800	-16,800
Total, Office Of The Administrator	496,400	496,400
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,067	4,067
Richland:		
River corridor and other cleanup operations	135,000	221,000
Central plateau remediation	650,240	672,240
Richland community and regulatory support	10,013	10,013
Construction:		
18-D-404 Modification of Waste Encapsulation and Storage Facility ..	3,100	3,100
22-D-401 L-888, 400 Area Fire Station	3,100	3,100
22-D-402 L-897, 200 Area Water Treatment Facility	8,900	8,900
23-D-404 181D Export Water System Reconfiguration and Upgrade ...	6,770	6,770
23-D-405 181B Export Water System Reconfiguration and Upgrade ...	480	480
Total, Construction	22,350	22,350
Total, Hanford site	817,603	925,603
Office of River Protection:		
Waste Treatment Immobilization Plant Commissioning	462,700	462,700
Rad liquid tank waste stabilization and disposition	801,100	801,100
Construction:		
23-D-403, Hanford 200 West Area Tank Farms Risk Management Project	4,408	45,000
01-D-16D High-Level Waste Facility	316,200	358,939
01-D-16E Pretreatment Facility	20,000	20,000
Total, Construction	340,608	423,939
Total, Office of River Protection	1,604,408	1,687,739
Idaho National Laboratory:		
Idaho cleanup and waste disposition	350,658	350,658
Idaho community and regulatory support	2,705	2,705

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2023 Request	House Authorized
22-D-403 Idaho Spent Nuclear Fuel Staging Facility	8,000	8,000
22-D-404 Additional ICDF Landfill Disposal Cell and Evapo- ration Ponds Project	8,000	8,000
23-D-402—Calcine Construction	10,000	10,000
Total, Construction	26,000	26,000
Total, Idaho National Laboratory	379,363	379,363
NNSA sites and Nevada off-sites		
Lawrence Livermore National Laboratory	1,842	1,842
LNL Excess Facilities D&D	12,004	12,004
Nuclear facility D & D		
Separations Process Research Unit	15,300	15,300
Nevada Site	62,652	62,652
Sandia National Laboratories	4,003	4,003
Los Alamos National Laboratory	286,316	286,316
Los Alamos Excess Facilities D&D	40,519	40,519
Total, NNSA sites and Nevada off-sites	422,636	422,636
Oak Ridge Reservation:		
OR Nuclear facility D & D	334,221	334,221
Total, OR Nuclear facility D & D	334,221	334,221
U233 Disposition Program	47,628	47,628
OR cleanup and disposition	62,000	62,000
Construction:		
17-D-401 On-site waste disposal facility	35,000	35,000
Total, Construction	35,000	35,000
Total, OR cleanup and waste disposition	144,628	144,628
OR community & regulatory support	5,300	5,300
OR technology development and deployment	3,000	3,000
Total, Oak Ridge Reservation	487,149	487,149
Savannah River Sites:		
Savannah River risk management operations	416,317	460,317
Construction:		
18-D-402 Emergency Operations Center Replacement, SR	25,568	25,568
19-D-701 SR Security Systems Replacement	5,000	5,000
Total, risk management operations	30,568	30,568
Savannah River Legacy Pensions	132,294	132,294
Savannah River National Laboratory O&M	41,000	41,000
SR community and regulatory support	12,137	12,137
Radioactive liquid tank waste stabilization and disposition	851,660	931,000
Construction:		
20-D-401 Saltstone Disposal Unit #10, 11, 12	37,668	37,668
18-D-402 Saltstone disposal unit #8/9	49,832	49,832
Total, Construction	87,500	87,500
Total, Savannah River site	1,571,476	1,694,816
Waste Isolation Pilot Plant		
Waste Isolation Pilot Plant	371,943	371,943
Construction:		
15-D-411 Safety significant confinement ventilation system, WIPP	59,073	59,073
15-D-412 Exhaust Shaft, WIPP	25,000	25,000
Total, Construction	84,073	84,073
Total, Waste Isolation Pilot Plant	456,016	456,016
Program Direction	317,002	317,002
Program Support	103,239	103,239
Safeguards and Security	309,573	309,573
Technology Development and Deployment	25,000	25,000
Federal Contribution to the Uranium Enrichment D&D Fund	417,000	417,000
Total, Defense Environmental Cleanup	6,914,532	7,229,203
Other Defense Activities		
Environment, health, safety and security		
Environment, health, safety and security	138,854	138,854
Program direction	76,685	76,685
Total, Environment, Health, safety and security	215,539	215,539

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2023 Request	House Authorized
Independent enterprise assessments		
Independent enterprise assessments	27,486	27,486
Program direction	57,941	57,941
Total, Independent enterprise assessments	85,427	85,427
Specialized security activities	306,067	306,067
Office of Legacy Management		
Legacy management	174,163	174,163
Program direction	21,983	21,983
Total, Office of Legacy Management	196,146	196,146
Defense related administrative support	170,695	170,695
Office of hearings and appeals	4,477	4,477
Subtotal, Other defense activities	978,351	978,351
Total, Other Defense Activities	978,351	978,351

1 ***DIVISION E—NON-DEPARTMENT***
2 ***OF DEFENSE MATTERS***
3 ***TITLE LI—VETERANS AFFAIRS***
4 ***MATTERS***

5 ***SEC. 5101. MAXIMUM RATE OF INTEREST ON DEBTS IN-***
6 ***CURRED BEFORE MILITARY SERVICE APPLI-***
7 ***CABLE TO MILITARY DEPENDENTS.***

8 *Section 207 of the Servicemembers Civil Relief Act (50*
9 *U.S.C. 3937) is amended—*

10 *(1) in subsection (a)—*

11 *(A) in paragraph (1), by striking “or the*
12 *servicemember and the servicemember’s spouse*
13 *jointly” and inserting “a dependent of the serv-*
14 *icemember, or such a dependent and the service-*
15 *member jointly”;* and

1 (B) in paragraph (3), by inserting “or a
2 dependent of the servicemember” after “due from
3 a servicemember”; and

4 (2) in subsection (b)(1)—

5 (A) in the paragraph heading, by inserting
6 “AND DEPENDENCY” after “MILITARY SERVICE”;

7 (B) in subparagraph (A)—

8 (i) by striking “of the servicemember”;

9 (ii) by striking clause (i) and inserting
10 the following:

11 “(i) military orders indicating the cur-
12 rent, future, or past military duty status of
13 the servicemember; or”; and

14 (iii) in clause (ii), by inserting “or a
15 certificate from the Defense Manpower Data
16 Center” before the period at the end;

17 (C) by redesignating subparagraph (B) as
18 subparagraph (C); and

19 (D) by inserting the following after sub-
20 paragraph (A):

21 “(B) DEPENDENTS.—In addition to pro-
22 viding proof of military service under subpara-
23 graph (A), dependents of servicemembers shall
24 provide documentation that indicates the de-
25 pendency status of the dependent at the time the

1 *debt or obligation was incurred and continuing*
2 *until the servicemember entered military service.*
3 *Such documentation may include a marriage*
4 *certificate, birth certificate, or any other appro-*
5 *priate indicator of dependency status.”; and*
6 (3) *in subsection (c), by inserting “, dependent,*
7 *or both, as the case may be,” after “ability of the serv-*
8 *icemember”.*

9 **SEC. 5102. REPORT ON HANDLING OF CERTAIN RECORDS**
10 **OF THE DEPARTMENT OF VETERANS AF-**
11 **FAIRS.**

12 (a) *REPORT.*—*Not later than one year after the date*
13 *of the enactment of this Act, the Inspector General of the*
14 *Department of Veterans Affairs, in coordination with the*
15 *Secretary of Defense, shall submit to Congress a report on*
16 *how the procedures outlined in M21-1 III.ii.2.F.1. of the*
17 *Adjudication Procedures Manual of the Department of Vet-*
18 *erans Affairs are followed in assisting veterans obtain or*
19 *reconstruct service records and medical information dam-*
20 *aged or destroyed in the July 1973 fire at the National*
21 *Processing Records Center.*

22 (b) *ELEMENTS.*—*The report under subsection (a) shall*
23 *include the following elements:*

1 (1) *The determination of the Inspector General*
2 *whether employees of the Department of Veterans Af-*
3 *fairs receive sufficient training on such procedures.*

4 (2) *The determination of the Inspector General*
5 *whether veterans are informed of actions necessary to*
6 *adhere to such procedures.*

7 (3) *The percentage of cases regarding such serv-*
8 *ice records and medical information in which em-*
9 *ployees of the Department of Veterans Affairs follow*
10 *such procedures.*

11 (4) *The average time it takes to resolve an issue*
12 *using such procedures.*

13 (5) *Recommendations to improve the implemen-*
14 *tation of such procedures.*

15 **TITLE LII—HOMELAND**
16 **SECURITY MATTERS**

17 **SEC. 5201. CHEMICAL SECURITY ANALYSIS CENTER.**

18 (a) *IN GENERAL.*—*Title III of the Homeland Security*
19 *Act of 2002 (6 U.S.C. 181 et seq.) is amended by adding*
20 *at the end the following new section:*

21 **“SEC. 323. CHEMICAL SECURITY ANALYSIS CENTER.**

22 “(a) *IN GENERAL.*—*The Secretary, acting through the*
23 *Under Secretary for Science and Technology, shall des-*
24 *ignate the laboratory described in subsection (b) as an addi-*
25 *tional laboratory pursuant to the authority under section*

1 308(c)(2). *Such laboratory shall be used to conduct studies*
2 *and analyses for assessing the threat and hazards associated*
3 *with an accidental or intentional large-scale chemical event*
4 *or chemical terrorism event.*

5 “(b) *LABORATORY DESCRIBED.*—*The laboratory de-*
6 *scribed in this subsection is the laboratory known, as of the*
7 *date of the enactment of this section, as the Chemical Secu-*
8 *rity Analysis Center.*

9 “(c) *LABORATORY ACTIVITIES.*—*The Chemical Secu-*
10 *rity Analysis Center shall—*

11 “(1) *identify and develop countermeasures to*
12 *chemical threats, including the development of com-*
13 *prehensive, research-based definable goals for such*
14 *countermeasures;*

15 “(2) *provide an enduring science-based chemical*
16 *threat and hazard analysis capability;*

17 “(3) *provide expertise in risk and consequence*
18 *modeling, chemical sensing and detection, analytical*
19 *chemistry, chemical toxicology, synthetic chemistry*
20 *and reaction characterization, and nontraditional*
21 *chemical agents and emerging chemical threats;*

22 “(4) *staff and operate a technical assistance pro-*
23 *gram that provides operational support and subject*
24 *matter expertise, design and execute laboratory and*
25 *field tests, and provide a comprehensive knowledge re-*

1 *pository of chemical threat information that is con-*
2 *tinuously updated with data from scientific, intel-*
3 *ligence, operational, and private sector sources; and*

4 *“(5) carry out such other activities as the Sec-*
5 *retary determines appropriate.*

6 *“(d) RULE OF CONSTRUCTION.—Nothing in this sec-*
7 *tion may be construed as affecting in any manner the au-*
8 *thorities or responsibilities of the Countering Weapons of*
9 *Mass Destruction Office of the Department.”.*

10 *(b) CLERICAL AMENDMENT.—The table of contents in*
11 *section 1(b) of the Homeland Security Act of 2002 amended*
12 *by inserting after the item relating to section 322 the fol-*
13 *lowing new item:*

“Sec. 323. Chemical Security Analysis Center.”.

14 **SEC. 5202. NATIONAL CYBERSECURITY PREPAREDNESS**
15 **CONSORTIUM.**

16 *The National Cybersecurity Preparedness Consortium*
17 *Act of 2021 (Public Law 117–122; 6 U.S.C. 652 note) is*
18 *amended—*

19 *(1) in subsections (a) and (b), by striking “The*
20 *Secretary may work with one or more consortia” each*
21 *place it appears and inserting “The Secretary shall*
22 *work with not fewer than three consortia”;*

23 *(2) in subsection (c)—*

1 (A) in the matter preceding paragraph (1),
2 by striking “In selecting a consortium” and in-
3 serting “In selecting the consortia”; and

4 (B) in paragraph (2), by striking “Geo-
5 graphic diversity of the members of any such
6 consortium” and inserting “Regional diversity of
7 such consortia, and geographic diversity of the
8 members of such consortia,”; and

9 (3) in subsection (d), by striking “If the Sec-
10 retary works with a consortium” and inserting “In
11 working with the consortia”.

12 **SEC. 5203. REPORT ON CYBERSECURITY ROLES AND RE-**
13 **SPONSIBILITIES OF THE DEPARTMENT OF**
14 **HOMELAND SECURITY.**

15 (a) *IN GENERAL.*—Not later than one year after the
16 date of the enactment of this Act, the Secretary of Homeland
17 Security, in coordination with the Director of the Cyberse-
18 curity and Infrastructure Security Agency of the Depart-
19 ment of Homeland Security, shall submit to the Committee
20 on Homeland Security of the House of Representatives and
21 the Committee on Homeland Security and Governmental
22 Affairs of the Senate a report on the roles and responsibil-
23 ities of the Department and its components relating to cyber
24 incident response.

1 (b) *CONTENTS.*—*The report required under subsection*
2 *(a) shall include the following:*

3 (1) *A review of how the cyber incident response*
4 *plans under section 2210(c) of the Homeland Security*
5 *Act of 2002 (6 U.S.C. 660(c)) are utilized in the Fed-*
6 *eral Government’s response to a cyber incident.*

7 (2) *An explanation of the roles and responsibil-*
8 *ities of the Department of Homeland Security and its*
9 *components with responsibility for, or in support of,*
10 *the Federal Government’s response to a cyber inci-*
11 *dent, including primary responsibility for working*
12 *with impacted private sector entities.*

13 (3) *An explanation of which and how authorities*
14 *of the Department and its components are utilized in*
15 *the Federal Government’s response to a cyber inci-*
16 *dent.*

17 (4) *Recommendations to provide further clarity*
18 *for roles and responsibilities of the Department and*
19 *its components relating to cyber incident response.*

20 **SEC. 5204. EXEMPTION OF CERTAIN HOMELAND SECURITY**
21 **FEEES FOR CERTAIN IMMEDIATE RELATIVES**
22 **OF AN INDIVIDUAL WHO RECEIVED THE PUR-**
23 **PLE HEART.**

24 (a) *IN GENERAL.*—*Not later than 90 days after the*
25 *date of the enactment of this Act, the Secretary of Homeland*

1 *Security shall include on a certain application or petition*
2 *an opportunity for certain immediate relatives of an indi-*
3 *vidual who was awarded the Purple Heart to identify them-*
4 *selves as such an immediate relative.*

5 **(b) FEE EXEMPTION.**—*The Secretary shall exempt cer-*
6 *tain immediate relatives of an individual who was awarded*
7 *the Purple Heart, who identifies as such an immediate rel-*
8 *ative on a certain application or petition, from a fee with*
9 *respect to a certain application or petition and any associ-*
10 *ated fee for biometrics.*

11 **(c) PENDING APPLICATIONS AND PETITIONS.**—*The*
12 *Secretary of Homeland Security may waive fees for a cer-*
13 *tain application or petition and any associated fee for bio-*
14 *metrics for certain immediate relatives of an individual*
15 *who was awarded the Purple Heart, if such application or*
16 *petition is submitted not more than 90 days after the date*
17 *of the enactment of this Act.*

18 **(d) DEFINITIONS.**—*In this section:*

19 **(1) CERTAIN APPLICATION OR PETITION.**—*The*
20 *term “certain application or petition” means—*

21 **(A)** *an application using Form–400, Appli-*
22 *cation for Naturalization (or any successor*
23 *form); or*

1 (B) a petition using Form I-360, *Petition*
 2 *for Amerasian, Widow(er), or Special Immig-*
 3 *grant (or any successor form).*

4 (2) *CERTAIN IMMEDIATE RELATIVES OF AN INDI-*
 5 *VIDUAL WHO WAS AWARDED THE PURPLE HEART.—*
 6 *The term “certain immediate relatives of an indi-*
 7 *vidual who was awarded the Purple Heart” means an*
 8 *immediate relative of a living or deceased member of*
 9 *the Armed Forces who was awarded the Purple Heart*
 10 *and who is not a person ineligible for military honors*
 11 *pursuant to section 985(a) of title 10, United States*
 12 *Code.*

13 (3) *IMMEDIATE RELATIVE.—The term “imme-*
 14 *diated relative” has the meaning given such term in*
 15 *section 201(b) of the Immigration and Nationality*
 16 *Act (8 U.S.C. 1151(b)).*

17 **SEC. 5205. CLARIFICATIONS REGARDING SCOPE OF EM-**
 18 **PLOYMENT AND REEMPLOYMENT RIGHTS OF**
 19 **MEMBERS OF THE UNIFORMED SERVICES.**

20 (a) *CLARIFICATION REGARDING DEFINITION OF*
 21 *RIGHTS AND BENEFITS.—Section 4303(2) of title 38,*
 22 *United States Code, is amended—*

23 (1) *by inserting “(A)” before “The term”; and*

24 (2) *by adding at the end the following new sub-*
 25 *paragraph:*

1 “(B) *Any procedural protections or provisions*
2 *set forth in this chapter shall also be considered a*
3 *right or benefit subject to the protection of this chap-*
4 *ter.*”.

5 ***(b) CLARIFICATION REGARDING RELATION TO OTHER***
6 ***LAW AND PLANS FOR AGREEMENTS.—Section 4302 of such***
7 ***title is amended by adding at the end the following:***

8 “(c)(1) *Pursuant to this section and the procedural*
9 *rights afforded by subchapter III of this chapter, any agree-*
10 *ment to arbitrate a claim under this chapter is unenforce-*
11 *able, unless all parties consent to arbitration after a com-*
12 *plaint on the specific claim has been filed in court or with*
13 *the Merit Systems Protection Board and all parties know-*
14 *ingly and voluntarily consent to have that particular claim*
15 *subjected to arbitration.*

16 “(2) *For purposes of this subsection, consent shall not*
17 *be considered voluntary when a person is required to agree*
18 *to arbitrate an action, complaint, or claim alleging a viola-*
19 *tion of this chapter as a condition of future or continued*
20 *employment, advancement in employment, or receipt of any*
21 *right or benefit of employment.*”.

1 **TITLE LIII—TRANSPORTATION**
2 **AND INFRASTRUCTURE MAT-**
3 **TERS**

4 **SEC. 5301. CALCULATION OF ACTIVE SERVICE.**

5 (a) *IN GENERAL.*—Subchapter I of chapter 25 of title
6 14, United States Code, is amended by adding at the end
7 the following:

8 **“§2515. Calculation of active service**

9 “Any service described, including service described
10 prior to the date of enactment of the Don Young Coast
11 Guard Authorization Act of 2022, in writing, including by
12 electronic communication, by a representative of the Coast
13 Guard Personnel Service Center as service that counts to-
14 ward total active service for regular retirement under sec-
15 tion 2152 or section 2306 shall be considered by the Presi-
16 dent as active service for purposes of applying section 2152
17 or section 2306 with respect to the determination of the re-
18 tirement qualification for any officer or enlisted member
19 to whom a description was provided.”.

20 (b) *CLERICAL AMENDMENT.*—The analysis for chapter
21 25 of title 14, United States Code, is amended by inserting
22 after the item relating to section 2515 the following:

“2515. Calculation of active service.”.

1 (c) *RULE OF CONSTRUCTION.*—*The amendment made*
2 *by subsection (a) shall apply to officers and enlisted mem-*
3 *bers that—*

4 (1) *have retired from the Coast Guard before the*
5 *date of enactment of this Act;*

6 (2) *voluntarily separated from service before the*
7 *date of enactment of this Act; or*

8 (3) *are serving in the Coast Guard on or after*
9 *the date of enactment of this Act.*

10 **SEC. 5302. ACQUISITION OF ICEBREAKER.**

11 (a) *IN GENERAL.*—*The Commandant of the Coast*
12 *Guard may acquire or procure an available icebreaker.*

13 (b) *EXEMPTIONS FROM REQUIREMENTS.*—*Sections*
14 *1131, 1132, 1133, and 1171 of title 14, United States Code,*
15 *shall not apply to an acquisition or procurement under sub-*
16 *section (a).*

17 (c) *AVAILABLE ICEBREAKER DEFINED.*—*In this sec-*
18 *tion, the term “available icebreaker” means a vessel that—*

19 (1) *is capable of—*

20 (A) *supplementing United States Coast*
21 *Guard polar icebreaking capabilities;*

22 (B) *projecting United States sovereignty;*

23 (C) *carrying out the primary duty of the*
24 *Coast Guard described in section 103(7) of title*

25 *14, United States Code; and*

1 (D) collecting hydrographic, environmental,
2 and climate data; and

3 (2) is documented with a coastwise endorsement
4 under chapter 121 of title 46, United States Code.

5 (d) *AUTHORIZATION OF APPROPRIATIONS.*—Of the
6 amounts authorized under section 4902 of title 14, United
7 States Code, as amended by this Act, for fiscal year 2023
8 up to \$150,000,000 is authorized for the acquisition or pro-
9 curement of an available icebreaker.

10 **SEC. 5303. DEPARTMENT OF DEFENSE CIVILIAN PILOTS.**

11 (a) *ELIGIBILITY FOR CERTAIN RATINGS.*—Not later
12 than 18 months after the date of the enactment of this Act,
13 the Administrator of the Federal Aviation Administration
14 shall revise section 61.73 of title 14, Code of Federal Regula-
15 tions, to ensure that a Department of Defense civilian pilot
16 is eligible for a rating based on qualifications earned as
17 a Department of Defense pilot, pilot instructor, or pilot ex-
18 aminer in the same manner that a military pilot is eligible
19 for such a rating based on qualifications earned as a mili-
20 tary pilot, pilot instructor, or pilot examiner.

21 (b) *DEFINITIONS.*—In this section:

22 (1) *DEPARTMENT OF DEFENSE CIVILIAN*
23 *PILOT.*—

24 (A) *IN GENERAL.*—The term “Department
25 of Defense civilian pilot” means an individual,

1 *other than a military pilot, who is employed as*
2 *a pilot by the Department of Defense.*

3 *(B) EXCLUSION.—The term “Department of*
4 *Defense civilian pilot” does not include a con-*
5 *tractor of the Department of Defense.*

6 *(2) MILITARY PILOT.—The term “military pilot”*
7 *means a military pilot, as such term is used in sec-*
8 *tion 61.73 of title 14, Code of Federal Regulations (as*
9 *in effect on the day before the date of the enactment*
10 *of this Act).*

11 **SEC. 5304. PILOT PROGRAM FOR SPACEFLIGHT RECOVERY**

12 **OPERATIONS AT SEA.**

13 *(a) SENSE OF CONGRESS.—It is the sense of Congress*
14 *that—*

15 *(1) the United States has the most advanced*
16 *commercial space industry in the world;*

17 *(2) the United States domestic space sector cre-*
18 *ates jobs, demonstrates American global technological*
19 *leadership, and is critical to the national defense; and*

20 *(3) the reliable, safe, and secure at-sea recovery*
21 *of spaceflight components is necessary to sustain and*
22 *further develop the commercial space enterprise,*
23 *which is of vital importance to the national and eco-*
24 *nommic security of the United States.*

25 *(b) ESTABLISHMENT.—*

1 (1) *IN GENERAL.*—Not later than 30 days after
2 the date of enactment of this Act, the Secretary shall
3 establish and conduct a pilot program to oversee the
4 operation and monitoring of remotely-controlled or
5 unmanned spaceflight recovery vessels or platforms by
6 eligible entities to—

7 (A) better understand the complexities of
8 such operation and monitoring and potential
9 risks to navigation safety and maritime workers;

10 (B) gather observational and performance
11 data from monitoring the use of remotely-con-
12 trolled or unmanned spaceflight recovery vessels
13 and platforms; and

14 (C) assess and evaluate regulatory alter-
15 natives to guide the development of routine oper-
16 ation and monitoring of remotely-controlled or
17 unmanned spaceflight recovery vessels and plat-
18 forms.

19 (2) *REQUIREMENTS.*—In conducting the pilot
20 program established under this section, the Secretary
21 shall—

22 (A) ensure that authority provided under
23 this section is necessary to ensure the life and
24 safety of licensed and unlicensed maritime work-
25 ers and other non-vessel operating personnel in-

1 *involved during operations regulated under this*
2 *section; and*

3 *(B) consider experience and knowledge*
4 *gained pursuant to implementation of the pilot*
5 *program authorized under section 8343 of the*
6 *Elijah E. Cummings Coast Guard Authorization*
7 *Act of 2020 (46 U.S.C. 70034 note).*

8 *(c) AUTHORIZED ACTIVITIES.—*

9 *(1) IN GENERAL.—In conducting the pilot pro-*
10 *gram under this section, the Secretary may allow an*
11 *eligible entity to—*

12 *(A) carry out remote over-the-horizon moni-*
13 *toring operations related to the active recovery of*
14 *spaceflight components at sea on a remotely-con-*
15 *trolled or unmanned spaceflight recovery vessel*
16 *or platform;*

17 *(B) develop procedures for the operation*
18 *and monitoring of remotely-controlled or un-*
19 *manned spaceflight recovery vessels or platforms;*

20 *(C) carry out unmanned spaceflight recov-*
21 *ery vessel transits and testing operations without*
22 *a physical tow line; and*

23 *(D) carry out any other activities the Sec-*
24 *retary determines to be in the interest of fur-*
25 *thering the development of operations to recover*

1 *spaceflight components at sea, including the use*
2 *of remotely-controlled or unmanned vessels spe-*
3 *cifically designed, built, and used for domestic*
4 *spaceflight recovery operations.*

5 (2) *PROHIBITION.—In conducting the pilot pro-*
6 *gram under this section, the Secretary may not allow*
7 *an eligible entity to operate a remotely-controlled or*
8 *unmanned spaceflight recovery vessel without a phys-*
9 *ical tow line within 12 nautical miles of a port.*

10 (d) *INTERIM AUTHORITY.—In recognition of potential*
11 *risks to navigation safety and unique circumstances requir-*
12 *ing the use of remotely operated or unmanned spaceflight*
13 *recovery vessels or platforms for recovery of spaceflight com-*
14 *ponents at sea, and in carrying out the pilot program under*
15 *this section, the Secretary is authorized to—*

16 (1) *allow such recovery operations to proceed*
17 *consistent with the authorities of the Secretary under*
18 *navigation and manning laws and regulations; and*

19 (2) *modify applicable regulations and guidance*
20 *as the Secretary considers appropriate to—*

21 (A) *allow the recovery of spaceflight compo-*
22 *nents at sea to occur while ensuring navigation*
23 *safety in recovery areas; and*

1 (B) ensure the reliable, safe, and secure op-
2 eration of remotely controlled or unmanned
3 spaceflight recovery vessels and platforms.

4 (e) *DURATION.*—The pilot program established under
5 this section shall terminate on the day that is 5 years after
6 the date on which the pilot program is established.

7 (f) *PROHIBITION ON RULEMAKING.*—

8 (1) *IN GENERAL.*—During the covered period,
9 and except as provided in paragraph (2), the Sec-
10 retary may not propose, issue, or implement a rule
11 regarding the integration of automated and autono-
12 mous commercial vessels and vessel technologies, in-
13 cluding artificial intelligence, into the United States
14 maritime transportation system.

15 (2) *NON-APPLICATION.*—The prohibition author-
16 ized under paragraph (1) shall not apply to a rule
17 that is—

18 (A) related to activities carried out under
19 this section; and

20 (B) initiated due to a matter of national se-
21 curity, an emergency, or to prevent the immi-
22 nent loss of life and property at sea.

23 (3) *COVERED PERIOD DEFINED.*—In this sub-
24 section, the term “covered period” means the period

1 *beginning on the date of enactment of this Act and*
2 *ending on the later of—*

3 *(A) the date on which the International*
4 *Maritime Organization adopts a regulatory re-*
5 *gime including international standards to gov-*
6 *ern the use and operation of automated and au-*
7 *tonomous commercial vessels and vessel tech-*
8 *nologies for commercial waterborne transpor-*
9 *tation; or*

10 *(B) the date on which the pilot program*
11 *terminates under subsection (e).*

12 *(g) BRIEFINGS.—Upon the request of the Committee*
13 *on Transportation and Infrastructure of the House of Rep-*
14 *resentatives or the Committee on Commerce, Science, and*
15 *Transportation of the Senate, the Commandant of the Coast*
16 *Guard shall brief either such committee on the pilot pro-*
17 *gram established under this section.*

18 *(h) REPORT.—Not later than 180 days after the termi-*
19 *nation of the pilot program under subsection (e), the Sec-*
20 *retary shall submit to the Committee on Transportation*
21 *and Infrastructure of the House of Representatives and the*
22 *Committee on Commerce, Science, and Transportation of*
23 *the Senate a final report describing the execution of such*
24 *pilot program and recommendations for maintaining navi-*

1 *gation safety and the safety of maritime workers in*
2 *spaceflight recovery areas.*

3 (i) *RULE OF CONSTRUCTION.*—*Nothing in this section*
4 *may be construed to authorize the employment in the coast-*
5 *wise trade of a vessel or platform that does not meet the*
6 *requirements of sections 12112, 55102, 55103, or 55111 of*
7 *title 46, United States Code.*

8 (j) *DEFINITIONS.*—*In this section:*

9 (1) *ELIGIBLE ENTITY.*—*The term “eligible enti-*
10 *ty” means any company engaged in the recovery of*
11 *spaceflight components at sea.*

12 (2) *SECRETARY.*—*The term “Secretary” means*
13 *the Secretary of the department in which the Coast*
14 *Guard is operating.*

15 **SEC. 5305. PORT INFRASTRUCTURE DEVELOPMENT**
16 **GRANTS.**

17 (a) *IN GENERAL.*—*From amounts appropriated for*
18 *port infrastructure development grants under section*
19 *54301(a) of title 46, United States Code, after the date of*
20 *enactment of this Act for each of fiscal years 2023 through*
21 *2027, the Secretary of Transportation shall treat a project*
22 *described in subsection (b) as an eligible project under sec-*
23 *tion 54301(a)(3) of such title for purposes of making grants*
24 *under section 54301(a) of such title.*

1 **(b) PROJECT DESCRIBED.**—*A project described in this*
2 *subsection is a project to provide shore power at a port that*
3 *services passenger vessels described in section 3507(k) of*
4 *title 46, United States Code.*

5 **TITLE LIV—FINANCIAL**
6 **SERVICES MATTERS**

7 **SEC. 5401. MODIFICATION TO FINANCIAL INSTITUTION DEF-**
8 **INITION AND ESTABLISHMENT OF ANTI-**
9 **MONEY LAUNDERING STRATEGY AND TASK**
10 **FORCE.**

11 **(a) IN GENERAL.**—*Section 5312(a)(2) of title 31,*
12 *United States Code, as amended by the William M. (Mac)*
13 *Thornberry National Defense Authorization Act for Fiscal*
14 *Year 2021, is amended—*

15 **(1)** *by redesignating subparagraphs (Z) and*
16 *(AA) as subparagraphs (GG) and (HH), respectively;*
17 *and*

18 **(2)** *by inserting after subparagraph (Y) the fol-*
19 *lowing:*

20 *“(Z) a person engaged in the business of*
21 *providing investment advice for compensation;*

22 *“(AA) a person engaged in the trade in*
23 *works of art, antiques, or collectibles, including*
24 *a dealer, advisor, consultant, custodian, gallery,*
25 *auction house, museum, or any other person who*

1 *engages as a business in the solicitation or the*
2 *sale of works of art, antiques, or collectibles;*

3 “(BB) *an attorney, law firm, or notary in-*
4 *volved in financial activity or related adminis-*
5 *trative activity on behalf of another person;*

6 “(CC) *a trust or company service provider,*
7 *including—*

8 “(i) *a person involved in forming a*
9 *corporation, limited liability company,*
10 *trust, foundation, partnership, or other*
11 *similar entity or arrangement;*

12 “(ii) *a person involved in acting as, or*
13 *arranging for another person to act as, a*
14 *registered agent, trustee, or nominee to be a*
15 *shareholder, officer, director, secretary, part-*
16 *ner, signatory, or other similar position in*
17 *relation to a person or arrangement;*

18 “(iii) *a person involved in providing a*
19 *registered office, address, or other similar*
20 *service for a person or arrangement; or*

21 “(iv) *any other person providing trust*
22 *or company services, as defined by the Sec-*
23 *retary of the Treasury;*

24 “(DD) *a certified public accountant or pub-*
25 *lic accounting firm;*

1 “(EE) a person engaged in the business of
2 public relations, marketing, communications, or
3 other similar services in such a manner as to
4 provide another person anonymity or
5 deniability; and

6 “(FF) a person engaged in the business of
7 providing third-party payment services, includ-
8 ing payment processing, check consolidation,
9 cash vault services, or other similar services des-
10 ignated by the Secretary of the Treasury;”.

11 (b) RULEMAKING.—

12 (1) IN GENERAL.—Not later than December 31,
13 2023, the Secretary of the Treasury shall issue one or
14 more rules to require all financial institutions (as de-
15 fined in section 5312(a)(2) of title 31, United States
16 Code) that have not already done so to—

17 (A) report suspicious transactions under
18 section 5318(g) of title 31, United States Code;

19 (B) establish anti-money laundering pro-
20 grams under section 5318(h) of title 31, United
21 States Code;

22 (C) establish due diligence policies, proce-
23 dures, and controls under section 5318(i) of title
24 31, United States Code; and

1 (D) identify and verify their account hold-
2 ers under section 5318(l) of title 31, United
3 States Code.

4 (2) *TRUST OR COMPANY SERVICE PROVIDER.*—In
5 promulgating a rule under paragraph (1) to imple-
6 ment subparagraph (CC) of section 5312(a)(2) of title
7 31, United States Code, as added by subsection (a),
8 the Secretary of Treasury shall exclude from the cat-
9 egory of covered persons—

10 (A) any government agency; and

11 (B) any attorney or law firm that uses a
12 paid trust or company service provider, includ-
13 ing any paid entity formation agent, operating
14 within the United States.

15 (c) *EFFECTIVE DATE.*—

16 (1) *DELAYED EFFECTIVE DATE.*—Subparagraphs
17 (Z) through (FF) of section 5312(a)(2) of title 31,
18 United States Code, as added by subsection (a), shall
19 take effect on December 31, 2023.

20 (2) *LIMITATION ON EXEMPTIONS.*—With respect
21 to a person described under subparagraphs (Z)
22 through (FF) of section 5312(a)(2) of title 31, United
23 States Code, as added by subsection (a), the Secretary
24 of the Treasury may not exempt such person from
25 any requirement under subchapter II of chapter 53 of

1 *title 31, United States Code, including any delay in*
2 *such application.*

3 (3) *APPLICATION OF CERTAIN PROVISIONS.—Any*
4 *financial institution (as defined in section 5312(a)(2)*
5 *of title 31, United States Code) that is not already re-*
6 *quired to comply with subsections (g), (h), (i), and (l)*
7 *of section 5318 of title 31, United States Code, shall*
8 *do so on and after June 30, 2024, whether or not a*
9 *rule has been issued under subsection (b)(1)(A).*

10 (d) *TREASURY TASK FORCE AND STRATEGY.—*

11 (1) *IN GENERAL.—The Secretary of the Treas-*
12 *ury, acting through the Director of the Financial*
13 *Crimes Enforcement Network, shall establish a task*
14 *force to—*

15 (A) *develop an ambitious, comprehensive,*
16 *and multi-year United States Government strat-*
17 *egy to impose anti-money laundering safeguards*
18 *on all necessary gatekeeper professions;*

19 (B) *designate and authorize a Federal or*
20 *State agency to enforce anti-money laundering*
21 *requirements for each type of financial institu-*
22 *tion defined in section 5312(a)(2) of title 31,*
23 *United States Code; and*

24 (C) *advance the regulatory rulemaking re-*
25 *quired under section 2(b) of this Act.*

1 (2) *GATEKEEPERS STRATEGY*.—

2 (A) *IN GENERAL*.—Section 262 of the *Count-*
3 *ering America’s Adversaries Through Sanctions*
4 *Act (Public Law 115–44)*, is amended by insert-
5 *ing after paragraph (10) the following:*

6 “(11) *GATEKEEPERS STRATEGY*.—A description
7 *of efforts to impose anti-money laundering safeguards*
8 *on all necessary gatekeeper professions, including art*
9 *dealers, investment advisors, real estate professionals,*
10 *lawyers, accountants, trust or company service pro-*
11 *viders, public relations professionals, dealers of luxury*
12 *vehicles, money service businesses, and other similar*
13 *professions.”.*

14 (B) *UPDATE CLARIFICATION*.—If, before the
15 *date of the enactment of this Act, all updates to*
16 *the national strategy required by section 261(b)*
17 *of the Countering America’s Adversaries Through*
18 *Sanctions Act (Public Law 115–44) have been*
19 *completed, the President shall provide an addi-*
20 *tional update of such national strategy to the*
21 *Congress containing the contents required under*
22 *the amendment made by paragraph (1).*

1 **SEC. 5402. REVIEW OF CYBER-RELATED MATTERS AT THE**
2 **DEPARTMENT OF THE TREASURY.**

3 (a) *IN GENERAL.*—No later than 270 days after the
4 date of enactment of this Act, the Secretary of the Treasury
5 shall complete a comprehensive review of the Department
6 of the Treasury’s efforts dedicated to enhancing cybersecu-
7 rity capability, readiness, and resilience of the financial
8 services sector, specifically as it relates to—

9 (1) *Treasury’s role as the sector risk manage-*
10 *ment agency for the financial services sector, as de-*
11 *finied by section 9002 of the William M. (Mac) Thorn-*
12 *berry National Defense Authorization Act for Fiscal*
13 *Year 2021; and*

14 (2) *integration of operational resilience and cy-*
15 *bersecurity for the financial services sector across the*
16 *Department of the Treasury.*

17 (b) *ELEMENTS.*—The review required under subsection
18 (a) shall include the following elements and considerations:

19 (1) *A comprehensive review of the components*
20 *and offices within the Departmental Offices of the De-*
21 *partment of the Treasury involved in efforts specified*
22 *in subsection (a).*

23 (2) *A review of activities by the Department of*
24 *the Treasury involved in efforts specified in subsection*
25 *(a).*

1 (3) *An assessment of the how each activity iden-*
2 *tified in this subsection connects to the National Se-*
3 *curity Strategy and other related documents of the*
4 *Executive Branch.*

5 (4) *An assessment of the Department of the*
6 *Treasury's ability to discharge fully its duties speci-*
7 *fied in subsection (a) and identify any areas where*
8 *it may need additional resources, legislation or au-*
9 *thority.*

10 (5) *An evaluation of the partnerships with other*
11 *executive branch departments and agencies to support*
12 *efforts specified in subsection (a).*

13 (6) *An evaluation of support to and from the Fi-*
14 *nancial and Banking Information Infrastructure*
15 *Committee, and its member agencies to enhance ef-*
16 *forts specified in subsection (a).*

17 (7) *A five-year plan for the Department of the*
18 *Treasury that defines an objectives and goals related*
19 *to the efforts specified in subsection (a).*

20 (c) *SUBMISSION TO CONGRESS.—No later than 30*
21 *days after the completion of the review specified under sub-*
22 *section (a), the Secretary of the Treasury shall transmit the*
23 *review to Committee on Financial Services of the House*
24 *of Representatives and the Committee on Banking, Hous-*
25 *ing, and Urban Affairs of the Senate.*

1 (d) *ANNUAL UPDATE*.—No later than February 1st of
 2 each year after the submission of the review until 2028, the
 3 Secretary shall provide an update on progress made in the
 4 preceding year in relation to the plan directed in subsection
 5 (b)(7) to the Committee on Financial Services of the House
 6 of Representatives and the Committee on Banking, Hous-
 7 ing, and Urban Affairs of the Senate.

8 **TITLE LV—NATURAL**
 9 **RESOURCES MATTERS**

10 **SEC. 5501. YSLETA DEL SUR PUEBLO AND ALABAMA-**
 11 **COUSHATTA TRIBES OF TEXAS EQUAL AND**
 12 **FAIR OPPORTUNITY AMENDMENT.**

13 *The Ysleta del Sur Pueblo and Alabama and*
 14 *Coushatta Indian Tribes of Texas Restoration Act (Public*
 15 *Law 100–89; 101 Stat. 666) is amended by adding at the*
 16 *end the following:*

17 **“SEC. 301. RULE OF CONSTRUCTION.**

18 *“Nothing in this Act shall be construed to preclude or*
 19 *limit the applicability of the Indian Gaming Regulatory*
 20 *Act (25 U.S.C. 2701 et seq.).”*

21 **SEC. 5502. INCLUSION OF COMMONWEALTH OF THE NORTH-**
 22 **ERN MARIANA ISLANDS AND AMERICAN**
 23 **SAMOA.**

24 *The Wagner-Peyser Act is amended—*

1 (1) in section 2(5) (29 U.S.C. 49a(5)), by insert-
2 ing “the Commonwealth of the Northern Mariana Is-
3 lands, American Samoa,” after “Guam,”;

4 (2) in section 5(b)(1) (29 U.S.C. 49d(b)(1)), by
5 inserting “the Commonwealth of the Northern Mar-
6 iana Islands, and American Samoa,” after “Guam,”;

7 (3) in section 6(a) (29 U.S.C. 49e(a))—

8 (A) by inserting “, the Commonwealth of
9 the Northern Mariana Islands, and American
10 Samoa” after “except for Guam”;

11 (B) by striking “allot to Guam” and insert-
12 ing the following: “allot to—

13 “(1) Guam”;

14 (C) by striking the period at the end and
15 inserting “; and”; and

16 (D) by adding at the end the following:

17 “(2) the Commonwealth of the Northern Mariana
18 Islands and American Samoa an amount which, in
19 relation to the total amount available for the fiscal
20 year, is equal to the allotment percentage that Guam
21 received of amounts available under this Act in fiscal
22 year 1983.”; and

23 (4) in section 6(b)(1) (29 U.S.C. 49e(b)(1)), in
24 the matter following subparagraph (B), by inserting
25 “, the Commonwealth of the Northern Mariana Is-

1 *lands, American Samoa,*” after “does not include
2 *Guam*”.

3 **SEC. 5503. AMENDMENTS TO SIKES ACT.**

4 (a) *USE OF NATURAL FEATURES.*—Section
5 *101(a)(3)(A) of the Sikes Act (16 U.S.C. 670a(a)(3)(A)) is*
6 *amended—*

7 (1) *by redesignating clauses (ii) and (iii) as*
8 *clauses (iii) and (iv), respectively; and*

9 (2) *by inserting after clause (i) the following:*

10 “(i) *the use of natural and nature-*
11 *based features to maintain or improve mili-*
12 *tary installation resilience;”.*

13 (b) *EXPANDING AND MAKING PERMANENT THE PRO-*
14 *GRAM FOR INVASIVE SPECIES MANAGEMENT FOR MILITARY*
15 *INSTALLATIONS.*—Section *101(g) of the Sikes Act (16*
16 *U.S.C. 670a(g)) is amended—*

17 (1) *by striking the header and inserting “PRO-*
18 *GRAM FOR INVASIVE SPECIES MANAGEMENT FOR*
19 *MILITARY INSTALLATIONS”;* and

20 (2) *in paragraph (1)—*

21 (A) *by striking “During fiscal years 2009*
22 *through 2014, the” and inserting “The”;* and

23 (B) *by striking “in Guam”.*

1 **SEC. 5504. BRENNAN REEF.**

2 (a) *DESIGNATION.*—*The reef described in subsection*
3 *(b) shall be known and designated as “Brennan Reef”, in*
4 *honor of the late Rear Admiral Richard T. Brennan of the*
5 *National Oceanic and Atmospheric Administration.*

6 (b) *REEF DESCRIBED.*—*The reef referred to in sub-*
7 *section (a) is—*

8 (1) *between San Miguel and Santa Rosa Islands*
9 *on the north side of the San Miguel Passage in the*
10 *Channel Island National Marine Sanctuary; and*

11 (2) *centered at 34 degrees 03.12 minutes North,*
12 *120 degrees 15.95 minutes West.*

13 (c) *REFERENCES.*—*Any reference in any law, regula-*
14 *tion, document, record, map, or other paper of the United*
15 *States to the reef described in subsection (b) is deemed to*
16 *be a reference to Brennan Reef.*

17 **TITLE LVI—INSPECTOR GEN-**
18 **ERAL INDEPENDENCE AND**
19 **EMPOWERMENT MATTERS**
20 **Subtitle A—Inspector General**
21 **Independence**

22 **SEC. 5601. SHORT TITLE.**

23 *This subtitle may be cited as the “Securing Inspector*
24 *General Independence Act of 2022”.*

1 **SEC. 5602. REMOVAL OR TRANSFER OF INSPECTORS GEN-**
2 **ERAL; PLACEMENT ON NON-DUTY STATUS.**

3 (a) *IN GENERAL.*—*The Inspector General Act of 1978*
4 *(5 U.S.C. App.) is amended—*

5 (1) *in section 3(b)—*

6 (A) *by inserting “(1)(A)” after “(b)”;*

7 (B) *in paragraph (1), as so designated—*

8 (i) *in subparagraph (A), as so des-*
9 *ignated, in the second sentence—*

10 (I) *by striking “reasons” and in-*
11 *serting the following: “substantive ra-*
12 *tionale, including detailed and case-*
13 *specific reasons,”; and*

14 (II) *by inserting “(including to*
15 *the appropriate congressional commit-*
16 *tees)” after “Houses of Congress”; and*

17 (ii) *by adding at the end the following:*

18 “(B) *If there is an open or completed inquiry into an*
19 *Inspector General that relates to the removal or transfer of*
20 *the Inspector General under subparagraph (A), the written*
21 *communication required under that subparagraph shall—*

22 (i) *identify each entity that is conducting, or*
23 *that conducted, the inquiry; and*

24 (ii) *in the case of a completed inquiry, contain*
25 *the findings made during the inquiry.”; and*

26 (C) *by adding at the end the following:*

1 “(2)(A) Subject to the other provisions of this para-
2 graph, only the President may place an Inspector General
3 on non-duty status.

4 “(B) If the President places an Inspector General on
5 non-duty status, the President shall communicate in writ-
6 ing the substantive rationale, including detailed and case-
7 specific reasons, for the change in status to both Houses of
8 Congress (including to the appropriate congressional com-
9 mittees) not later than 15 days before the date on which
10 the change in status takes effect, except that the President
11 may submit that communication not later than the date
12 on which the change in status takes effect if—

13 “(i) the President has made a determination that
14 the continued presence of the Inspector General in the
15 workplace poses a threat described in any of clauses
16 (i) through (iv) of section 6329b(b)(2)(A) of title 5,
17 United States Code; and

18 “(ii) in the communication, the President in-
19 cludes a report on the determination described in
20 clause (i), which shall include—

21 “(I) a specification of which clause of sec-
22 tion 6329b(b)(2)(A) of title 5, United States
23 Code, the President has determined applies
24 under clause (i) of this subparagraph;

1 “(II) the substantive rationale, including
2 detailed and case-specific reasons, for the deter-
3 mination made under clause (i);

4 “(III) an identification of each entity that
5 is conducting, or that conducted, any inquiry
6 upon which the determination under clause (i)
7 was made; and

8 “(IV) in the case of an inquiry described in
9 subclause (III) that is completed, the findings
10 made during that inquiry.

11 “(C) The President may not place an Inspector Gen-
12 eral on non-duty status during the 30-day period preceding
13 the date on which the Inspector General is removed or
14 transferred under paragraph (1)(A) unless the President—

15 “(i) has made a determination that the contin-
16 ued presence of the Inspector General in the workplace
17 poses a threat described in any of clauses (i) through
18 (iv) of section 6329b(b)(2)(A) of title 5, United States
19 Code; and

20 “(ii) not later than the date on which the change
21 in status takes effect, submits to both Houses of Con-
22 gress (including to the appropriate congressional com-
23 mittees) a written communication that contains the
24 information required under subparagraph (B), in-

1 *cluding the report required under clause (ii) of that*
2 *subparagraph.*

3 *“(D) For the purposes of this paragraph—*

4 *“(i) the term ‘Inspector General’—*

5 *“(I) means an Inspector General who was*
6 *appointed by the President, without regard to*
7 *whether the Senate provided advice and consent*
8 *with respect to that appointment; and*

9 *“(II) includes the Inspector General of an*
10 *establishment, the Inspector General of the Intel-*
11 *ligence Community, the Inspector General of the*
12 *Central Intelligence Agency, the Special Inspec-*
13 *tor General for Afghanistan Reconstruction, the*
14 *Special Inspector General for the Troubled Asset*
15 *Relief Program, and the Special Inspector Gen-*
16 *eral for Pandemic Recovery; and*

17 *“(ii) a reference to the removal or transfer of an*
18 *Inspector General under paragraph (1), or to the*
19 *written communication described in that paragraph,*
20 *shall be considered to be—*

21 *“(I) in the case of the Inspector General of*
22 *the Intelligence Community, a reference to sec-*
23 *tion 103H(c)(4) of the National Security Act of*
24 *1947 (50 U.S.C. 3033(c)(4));*

1 “(II) in the case of the Inspector General of
2 the Central Intelligence Agency, a reference to
3 section 17(b)(6) of the Central Intelligence Agen-
4 cy Act of 1949 (50 U.S.C. 3517(b)(6));

5 “(III) in the case of the Special Inspector
6 General for Afghanistan Reconstruction, a ref-
7 erence to section 1229(c)(6) of the National De-
8 fense Authorization Act for Fiscal Year 2008
9 (Public Law 110–181; 122 Stat. 378);

10 “(IV) in the case of the Special Inspector
11 General for the Troubled Asset Relief Program, a
12 reference to section 121(b)(4) of the Emergency
13 Economic Stabilization Act of 2008 (12 U.S.C.
14 5231(b)(4)); and

15 “(V) in the case of the Special Inspector
16 General for Pandemic Recovery, a reference to
17 section 4018(b)(3) of the CARES Act (15 U.S.C.
18 9053(b)(3)).”; and

19 (2) in section 8G(e)—

20 (A) in paragraph (1), by inserting “or
21 placement on non-duty status” after “a re-
22 moval”;

23 (B) in paragraph (2)—

24 (i) by inserting “(A)” after “(2)”; ”;

1 (ii) in subparagraph (A), as so des-
2 ignated, in the first sentence—

3 (I) by striking “reasons” and in-
4 serting the following: “substantive ra-
5 tionale, including detailed and case-
6 specific reasons,”; and

7 (II) by inserting “(including to
8 the appropriate congressional commit-
9 tees)” after “Houses of Congress”; and

10 (iii) by adding at the end the fol-
11 lowing:

12 “(B) If there is an open or completed inquiry into an
13 Inspector General that relates to the removal or transfer of
14 the Inspector General under subparagraph (A), the written
15 communication required under that subparagraph shall—

16 “(i) identify each entity that is conducting, or
17 that conducted, the inquiry; and

18 “(ii) in the case of a completed inquiry, contain
19 the findings made during the inquiry.”; and

20 (C) by adding at the end the following:

21 “(3)(A) Subject to the other provisions of this para-
22 graph, only the head of the applicable designated Federal
23 entity (referred to in this paragraph as the ‘covered offi-
24 cial’) may place an Inspector General on non-duty status.

1 “(B) If a covered official places an Inspector General
2 on non-duty status, the covered official shall communicate
3 in writing the substantive rationale, including detailed and
4 case-specific reasons, for the change in status to both Houses
5 of Congress (including to the appropriate congressional
6 committees) not later than 15 days before the date on which
7 the change in status takes effect, except that the covered offi-
8 cial may submit that communication not later than the
9 date on which the change in status takes effect if—

10 “(i) the covered official has made a determina-
11 tion that the continued presence of the Inspector Gen-
12 eral in the workplace poses a threat described in any
13 of clauses (i) through (iv) of section 6329b(b)(2)(A) of
14 title 5, United States Code; and

15 “(ii) in the communication, the covered official
16 includes a report on the determination described in
17 clause (i), which shall include—

18 “(I) a specification of which clause of sec-
19 tion 6329b(b)(2)(A) of title 5, United States
20 Code, the covered official has determined applies
21 under clause (i) of this subparagraph;

22 “(II) the substantive rationale, including
23 detailed and case-specific reasons, for the deter-
24 mination made under clause (i);

1 “(III) an identification of each entity that
2 is conducting, or that conducted, any inquiry
3 upon which the determination under clause (i)
4 was made; and

5 “(IV) in the case of an inquiry described in
6 subclause (III) that is completed, the findings
7 made during that inquiry.

8 “(C) A covered official may not place an Inspector
9 General on non-duty status during the 30-day period pre-
10 ceding the date on which the Inspector General is removed
11 or transferred under paragraph (2)(A) unless the covered
12 official—

13 “(i) has made a determination that the contin-
14 ued presence of the Inspector General in the workplace
15 poses a threat described in any of clauses (i) through
16 (iv) of section 6329b(b)(2)(A) of title 5, United States
17 Code; and

18 “(ii) not later than the date on which the change
19 in status takes effect, submits to both Houses of Con-
20 gress (including to the appropriate congressional com-
21 mittees) a written communication that contains the
22 information required under subparagraph (B), in-
23 cluding the report required under clause (ii) of that
24 subparagraph.

1 “(D) *Nothing in this paragraph may be construed to*
2 *limit or otherwise modify—*

3 “(i) *any statutory protection that is afforded to*
4 *an Inspector General; or*

5 “(ii) *any other action that a covered official may*
6 *take under law with respect to an Inspector Gen-*
7 *eral.”.*

8 (b) *TECHNICAL AND CONFORMING AMENDMENT.—Sec-*
9 *tion 12(3) of the Inspector General Act of 1978 (5 U.S.C.*
10 *App.) is amended by inserting “except as otherwise ex-*
11 *pressly provided,” before “the term”.*

12 **SEC. 5603. VACANCY IN POSITION OF INSPECTOR GENERAL.**

13 (a) *IN GENERAL.—Section 3 of the Inspector General*
14 *Act of 1978 (5 U.S.C. App.) is amended by adding at the*
15 *end the following:*

16 “(h)(1) *In this subsection—*

17 “(A) *the term ‘first assistant to the position of*
18 *Inspector General’ means, with respect to an Office of*
19 *Inspector General—*

20 “(i) *an individual who, as of the day before*
21 *the date on which the Inspector General dies, re-*
22 *signs, or otherwise becomes unable to perform the*
23 *functions and duties of that position—*

24 “(I) *is serving in a position in that*
25 *Office; and*

1 “(II) has been designated in writing by
2 the Inspector General, through an order of
3 succession or otherwise, as the first assistant
4 to the position of Inspector General; or

5 “(i) if the Inspector General has not made
6 a designation described in clause (i)(II)—

7 “(I) the Principal Deputy Inspector
8 General of that Office, as of the day before
9 the date on which the Inspector General
10 dies, resigns, or otherwise becomes unable to
11 perform the functions and duties of that po-
12 sition; or

13 “(II) if there is no Principal Deputy
14 Inspector General of that Office, the Deputy
15 Inspector General of that Office, as of the
16 day before the date on which the Inspector
17 General dies, resigns, or otherwise becomes
18 unable to perform the functions and duties
19 of that position; and

20 “(B) the term ‘Inspector General’—

21 “(i) means an Inspector General who is ap-
22 pointed by the President, by and with the advice
23 and consent of the Senate; and

24 “(ii) includes the Inspector General of an
25 establishment, the Inspector General of the Intel-

1 *ligence Community, the Inspector General of the*
2 *Central Intelligence Agency, the Special Inspec-*
3 *tor General for the Troubled Asset Relief Pro-*
4 *gram, and the Special Inspector General for*
5 *Pandemic Recovery.*

6 “(2) *If an Inspector General dies, resigns, or is other-*
7 *wise unable to perform the functions and duties of the posi-*
8 *tion—*

9 “(A) *section 3345(a) of title 5, United States*
10 *Code, and section 103(e) of the National Security Act*
11 *of 1947 (50 U.S.C. 3025(e)) shall not apply;*

12 “(B) *subject to paragraph (4), the first assistant*
13 *to the position of Inspector General shall perform the*
14 *functions and duties of the Inspector General tempo-*
15 *rarily in an acting capacity subject to the time limi-*
16 *tations of section 3346 of title 5, United States Code;*
17 *and*

18 “(C) *notwithstanding subparagraph (B), and*
19 *subject to paragraphs (4) and (5), the President (and*
20 *only the President) may direct an officer or employee*
21 *of any Office of an Inspector General to perform the*
22 *functions and duties of the Inspector General tempo-*
23 *rarily in an acting capacity subject to the time limi-*
24 *tations of section 3346 of title 5, United States Code,*
25 *only if—*

1 “(i) during the 365-day period preceding
2 the date of death, resignation, or beginning of in-
3 ability to serve of the Inspector General, the offi-
4 cer or employee served in a position in an Office
5 of an Inspector General for not less than 90
6 days, except that—

7 “(I) the requirement under this clause
8 shall not apply if the officer is an Inspector
9 General; and

10 “(II) for the purposes of this subpara-
11 graph, performing the functions and duties
12 of an Inspector General temporarily in an
13 acting capacity does not qualify as service
14 in a position in an Office of an Inspector
15 General;

16 “(ii) the rate of pay for the position of the
17 officer or employee described in clause (i) is
18 equal to or greater than the minimum rate of
19 pay payable for a position at GS-15 of the Gen-
20 eral Schedule;

21 “(iii) the officer or employee has dem-
22 onstrated ability in accounting, auditing, finan-
23 cial analysis, law, management analysis, public
24 administration, or investigations; and

1 “(iv) not later than 30 days before the date
2 on which the direction takes effect, the President
3 communicates in writing to both Houses of Con-
4 gress (including to the appropriate congressional
5 committees) the substantive rationale, including
6 the detailed and case-specific reasons, for such
7 direction, including the reason for the direction
8 that someone other than the individual who is
9 performing the functions and duties of the In-
10 specter General temporarily in an acting capac-
11 ity (as of the date on which the President issues
12 that direction) perform those functions and du-
13 ties temporarily in an acting capacity.

14 “(3) Notwithstanding section 3345(a) of title 5, United
15 States Code, section 103(e) of the National Security Act of
16 1947 (50 U.S.C. 3025(e)), and subparagraphs (B) and (C)
17 of paragraph (2), and subject to paragraph (4), during any
18 period in which an Inspector General is on non-duty sta-
19 tus—

20 “(A) the first assistant to the position of Inspec-
21 tor General shall perform the functions and duties of
22 the position temporarily in an acting capacity subject
23 to the time limitations of section 3346 of title 5,
24 United States Code; and

1 “(B) if the first assistant described in subpara-
2 graph (A) dies, resigns, or becomes otherwise unable
3 to perform those functions and duties, the President
4 (and only the President) may direct an officer or em-
5 ployee in that Office of Inspector General to perform
6 those functions and duties temporarily in an acting
7 capacity, subject to the time limitations of section
8 3346 of title 5, United States Code, if—

9 “(i) that direction satisfies the requirements
10 under clauses (ii), (iii), and (iv) of paragraph
11 (2)(C); and

12 “(ii) that officer or employee served in a po-
13 sition in that Office of Inspector General for not
14 fewer than 90 of the 365 days preceding the date
15 on which the President makes that direction.

16 “(4) An individual may perform the functions and du-
17 ties of an Inspector General temporarily and in an acting
18 capacity under subparagraph (B) or (C) of paragraph (2),
19 or under paragraph (3), with respect to only 1 Inspector
20 General position at any given time.

21 “(5) If the President makes a direction under para-
22 graph (2)(C), during the 30-day period preceding the date
23 on which the direction of the President takes effect, the func-
24 tions and duties of the position of the applicable Inspector
25 General shall be performed by—

1 “(A) *the first assistant to the position of Inspec-*
2 *tor General; or*

3 “(B) *the individual performing those functions*
4 *and duties temporarily in an acting capacity, as of*
5 *the date on which the President issues that direction,*
6 *if that individual is an individual other than the*
7 *first assistant to the position of Inspector General.”.*

8 (b) *RULE OF CONSTRUCTION.—Nothing in the amend-*
9 *ment made by subsection (a) may be construed to limit the*
10 *applicability of sections 3345 through 3349d of title 5,*
11 *United States Code (commonly known as the “Federal Va-*
12 *cancies Reform Act of 1998”), other than with respect to*
13 *section 3345(a) of that title.*

14 (c) *EFFECTIVE DATE.—*

15 (1) *DEFINITION.—In this subsection, the term*
16 *“Inspector General” has the meaning given the term*
17 *in subsection (h)(1)(B) of section 3 of the Inspector*
18 *General Act of 1978 (5 U.S.C. App.), as added by*
19 *subsection (a) of this section.*

20 (2) *APPLICABILITY.—*

21 (A) *IN GENERAL.—Except as provided in*
22 *subparagraph (B), this section, and the amend-*
23 *ments made by this section, shall take effect on*
24 *the date of enactment of this Act.*

1 (B) *EXISTING VACANCIES.*—If, as of the
2 date of enactment of this Act, an individual is
3 performing the functions and duties of an In-
4 spector General temporarily in an acting capac-
5 ity, this section, and the amendments made by
6 this section, shall take effect with respect to that
7 Inspector General position on the date that is 30
8 days after the date of enactment of this Act.

9 **SEC. 5604. OFFICE OF INSPECTOR GENERAL WHISTLE-**
10 **BLOWER COMPLAINTS.**

11 (a) *WHISTLEBLOWER PROTECTION COORDINATOR.*—
12 Section 3(d)(1)(C) of the Inspector General Act of 1978 (5
13 U.S.C. App.) is amended—

14 (1) in clause (i), in the matter preceding sub-
15 clause (I), by inserting “, including employees of that
16 Office of Inspector General” after “employees”; and

17 (2) in clause (iii), by inserting “(including the
18 Integrity Committee of that Council)” after “and Ef-
19 ficiency”.

20 (b) *COUNCIL OF THE INSPECTORS GENERAL ON IN-*
21 *TEGRITY AND EFFICIENCY.*—Section 11(c)(5)(B) of the In-
22 spector General Act of 1978 (5 U.S.C. App.) is amended
23 by striking “, allegations of reprisal,” and inserting the fol-
24 lowing: “and allegations of reprisal (including the timely
25 and appropriate handling and consideration of protected

1 *disclosures and allegations of reprisal that are internal to*
2 *an Office of Inspector General)”.*

3 ***Subtitle B—Presidential Explan-***
4 ***ation of Failure to Nominate***
5 ***an Inspector General***

6 ***SEC. 5611. PRESIDENTIAL EXPLANATION OF FAILURE TO***
7 ***NOMINATE AN INSPECTOR GENERAL.***

8 *(a) IN GENERAL.—Subchapter III of chapter 33 of*
9 *title 5, United States Code, is amended by inserting after*
10 *section 3349d the following:*

11 ***“§ 3349e. Presidential explanation of failure to nomi-***
12 ***nate an inspector general***

13 *“If the President fails to make a formal nomination*
14 *for a vacant inspector general position that requires a for-*
15 *mal nomination by the President to be filled within the pe-*
16 *riod beginning on the later of the date on which the vacancy*
17 *occurred or on which a nomination is rejected, withdrawn,*
18 *or returned, and ending on the day that is 210 days after*
19 *that date, the President shall communicate, within 30 days*
20 *after the end of such period and not later than June 1 of*
21 *each year thereafter, to the appropriate congressional com-*
22 *mittees, as defined in section 12 of the Inspector General*
23 *Act of 1978 (5 U.S.C. App.)—*

24 *“(1) the reasons why the President has not yet*
25 *made a formal nomination; and*

1 “(2) a target date for making a formal nomina-
2 tion.”.

3 (b) *TECHNICAL AND CONFORMING AMENDMENT.*—The
4 table of sections for subchapter III of chapter 33 of title
5 5, United States Code, is amended by inserting after the
6 item relating to section 3349d the following:

“3349e. Presidential explanation of failure to nominate an Inspector General.”.

7 (c) *EFFECTIVE DATE.*—The amendment made by sub-
8 section (a) shall take effect—

9 (1) on the date of enactment of this Act with re-
10 spect to any vacancy first occurring on or after that
11 date; and

12 (2) on the day that is 210 days after the date of
13 enactment of this Act with respect to any vacancy
14 that occurred before the date of enactment of this Act.

15 ***Subtitle C—Integrity Committee of***
16 ***the Council of Inspectors Gen-***
17 ***eral on Integrity and Efficiency***
18 ***Transparency***

19 ***SEC. 5621. SHORT TITLE.***

20 This subtitle may be cited as the “Integrity Committee
21 Transparency Act of 2022”.

22 ***SEC. 5622. ADDITIONAL INFORMATION TO BE INCLUDED IN***

23 ***REQUESTS AND REPORTS TO CONGRESS.***

24 Section 11(d) of the Inspector General Act of 1978 (5
25 U.S.C. App.) is amended—

1 (1) *in paragraph (5)(B)(ii), by striking the pe-*
 2 *riod at the end and inserting “, the length of time the*
 3 *Integrity Committee has been evaluating the allega-*
 4 *tion of wrongdoing, and a description of any previous*
 5 *written notice provided under this clause with respect*
 6 *to the allegation of wrongdoing, including the descrip-*
 7 *tion provided for why additional time was needed.”;*
 8 *and*

9 (2) *in paragraph (8)(A)(ii), by inserting “or*
 10 *corrective action” after “disciplinary action”.*

11 **SEC. 5623. AVAILABILITY OF INFORMATION TO CONGRESS**
 12 **ON CERTAIN ALLEGATIONS OF WRONGDOING**
 13 **CLOSED WITHOUT REFERRAL.**

14 *Section 11(d)(5)(B) of the Inspector General Act of*
 15 *1978 (5 U.S.C. App.) is amended by adding at the end the*
 16 *following:*

17 “(iii) AVAILABILITY OF INFORMATION
 18 TO CONGRESS ON CERTAIN ALLEGATIONS OF
 19 WRONGDOING CLOSED WITHOUT REFER-
 20 RAL.—

21 “(I) IN GENERAL.—With respect
 22 to an allegation of wrongdoing made
 23 by a member of Congress that is closed
 24 by the Integrity Committee without re-
 25 ferral to the Chairperson of the Integ-

1 *riety Committee to initiate an inves-*
2 *tigation, the Chairperson of the Integ-*
3 *riety Committee shall, not later than 60*
4 *days after closing the allegation of*
5 *wrongdoing, provide a written descrip-*
6 *tion of the nature of the allegation of*
7 *wrongdoing and how the Integrity*
8 *Committee evaluated the allegation of*
9 *wrongdoing to—*

10 *“(aa) the Chair and Ranking*
11 *Minority Member of the Com-*
12 *mittee on Homeland Security and*
13 *Governmental Affairs of the Sen-*
14 *ate; and*

15 *“(bb) the Chair and Ranking*
16 *Minority Member of the Com-*
17 *mittee on Oversight and Reform*
18 *of the House of Representatives.*

19 *“(II) REQUIREMENT TO FOR-*
20 *WARD.—The Chairperson of the Integ-*
21 *riety Committee shall forward any*
22 *written description or update provided*
23 *under this clause to the members of the*
24 *Integrity Committee and to the Chair-*
25 *person of the Council.”.*

1 **SEC. 5624. SEMIANNUAL REPORT.**

2 *Section 11(d)(9) of the Inspector General Act of 1978*
3 *(5 U.S.C. App.) is amended to read as follows:*

4 *“(9) SEMIANNUAL REPORT.—On or before May*
5 *31, 2022, and every 6 months thereafter, the Council*
6 *shall submit to Congress and the President a report*
7 *on the activities of the Integrity Committee during*
8 *the immediately preceding 6-month periods ending*
9 *March 31 and September 30, which shall include the*
10 *following with respect to allegations of wrongdoing*
11 *that are made against Inspectors General and staff*
12 *members of the various Offices of Inspector General*
13 *described in paragraph (4)(C):*

14 *“(A) An overview and analysis of the alle-*
15 *gations of wrongdoing disposed of by the Integ-*
16 *riety Committee, including—*

17 *“(i) analysis of the positions held by*
18 *individuals against whom allegations were*
19 *made, including the duties affiliated with*
20 *such positions;*

21 *“(ii) analysis of the categories or types*
22 *of the allegations of wrongdoing; and*

23 *“(iii) a summary of disposition of all*
24 *the allegations.*

25 *“(B) The number of allegations received by*
26 *the Integrity Committee.*

1 “(C) *The number of allegations referred to*
2 *the Department of Justice or the Office of Spe-*
3 *cial Counsel, including the number of allegations*
4 *referred for criminal investigation.*

5 “(D) *The number of allegations referred to*
6 *the Chairperson of the Integrity Committee for*
7 *investigation, a general description of the status*
8 *of such investigations, and a summary of the*
9 *findings of investigations completed.*

10 “(E) *An overview and analysis of allega-*
11 *tions of wrongdoing received by the Integrity*
12 *Committee during any previous reporting pe-*
13 *riod, but remained pending during some part of*
14 *the six months covered by the report, including—*

15 “(i) *analysis of the positions held by*
16 *individuals against whom allegations were*
17 *made, including the duties affiliated with*
18 *such positions;*

19 “(ii) *analysis of the categories or types*
20 *of the allegations of wrongdoing; and*

21 “(iii) *a summary of disposition of all*
22 *the allegations.*

23 “(F) *The number and category or type of*
24 *pending investigations.*

25 “(G) *For each allegation received—*

1 “(i) the date on which the investigation
2 was opened;

3 “(ii) the date on which the allegation
4 was disposed of, as applicable; and

5 “(iii) the case number associated with
6 the allegation.

7 “(H) The nature and number of allegations
8 to the Integrity Committee closed without refer-
9 ral, including the justification for why each alle-
10 gation was closed without referral.

11 “(I) A brief description of any difficulty en-
12 countered by the Integrity Committee when re-
13 ceiving, evaluating, investigating, or referring
14 for investigation an allegation received by the
15 Integrity Committee, including a brief descrip-
16 tion of—

17 “(i) any attempt to prevent or hinder
18 an investigation; or

19 “(ii) concerns about the integrity or
20 operations at an Office of Inspector Gen-
21 eral.

22 “(J) Other matters that the Council con-
23 siders appropriate.”.

1 **SEC. 5625. ADDITIONAL REPORTS.**

2 *Section 5 of the Inspector General Act of 1978 (5*
3 *U.S.C. App.) is amended—*

4 *(1) by redesignating subsections (e) and (f) as*
5 *subsections (g) and (h), respectively; and*

6 *(2) by inserting after subsection (d) the fol-*
7 *lowing:*

8 *“(e) ADDITIONAL REPORTS.—*

9 *“(1) REPORT TO INSPECTOR GENERAL.—The*
10 *Chairperson of the Integrity Committee of the Council*
11 *of the Inspectors General on Integrity and Efficiency*
12 *shall, immediately whenever the Chairperson of the*
13 *Integrity Committee becomes aware of particularly se-*
14 *rious or flagrant problems, abuses, or deficiencies re-*
15 *lating to the administration of programs and oper-*
16 *ations of an Office of Inspector General for which the*
17 *Integrity Committee may receive, review, and refer*
18 *for investigation allegations of wrongdoing under sec-*
19 *tion 11(d), submit a report to the Inspector General*
20 *who leads the Office at which the serious or flagrant*
21 *problems, abuses, or deficiencies were alleged.*

22 *“(2) REPORT TO PRESIDENT, CONGRESS, AND*
23 *THE ESTABLISHMENT.—Not later than 7 days after*
24 *the date on which an Inspector General receives a re-*
25 *port submitted under paragraph (1), the Inspector*
26 *General shall submit to the President, the appropriate*

1 *congressional committees, and the head of the estab-*
2 *lishment—*

3 “(A) *the report received under paragraph*
4 *(1); and*

5 “(B) *a report by the Inspector General con-*
6 *taining any comments the Inspector General de-*
7 *termines appropriate.”.*

8 **SEC. 5626. REQUIREMENT TO REPORT FINAL DISPOSITION**
9 **TO CONGRESS.**

10 *Section 11(d)(8)(B) of the Inspector General Act of*
11 *1978 (5 U.S.C. App.) is amended by inserting “and the*
12 *appropriate congressional committees” after “Integrity*
13 *Committee”.*

14 **SEC. 5627. INVESTIGATIONS OF OFFICES OF INSPECTORS**
15 **GENERAL OF ESTABLISHMENTS BY THE IN-**
16 **TEGRITY COMMITTEE.**

17 *Section 11(d)(7)(B)(i)(V) of the Inspector General Act*
18 *of 1978 (5 U.S.C. App.) is amended by inserting “, and*
19 *that an investigation of an Office of Inspector General of*
20 *an establishment is conducted by another Office of Inspector*
21 *General of an establishment” after “size”.*

1 ***Subtitle D—Notice of Ongoing In-***
2 ***vestigations When There Is a***
3 ***Change in Status of Inspector***
4 ***General***

5 ***SEC. 5631. NOTICE OF ONGOING INVESTIGATIONS WHEN***
6 ***THERE IS A CHANGE IN STATUS OF INSPEC-***
7 ***TOR GENERAL.***

8 *Section 5 of the Inspector General Act of 1978 (5*
9 *U.S.C. App.) is amended by inserting after subsection (e),*
10 *as added by section 5625 of this title, the following:*

11 *“(f) Not later than 15 days after an Inspector General*
12 *is removed, placed on paid or unpaid non-duty status, or*
13 *transferred to another position or location within an estab-*
14 *lishment, the officer or employee performing the functions*
15 *and duties of the Inspector General temporarily in an act-*
16 *ing capacity shall submit to the Committee on Homeland*
17 *Security and Governmental Affairs of the Senate and the*
18 *Committee on Oversight and Reform of the House of Rep-*
19 *resentatives information regarding work being conducted by*
20 *the Office as of the date on which the Inspector General*
21 *was removed, placed on paid or unpaid non-duty status,*
22 *or transferred, which shall include—*

23 *“(1) for each investigation—*

24 *“(A) the type of alleged offense;*

1 “(B) the fiscal quarter in which the Office
2 initiated the investigation;

3 “(C) the relevant Federal agency, including
4 the relevant component of that Federal agency
5 for any Federal agency listed in section 901(b)
6 of title 31, United States Code, under investiga-
7 tion or affiliated with the individual or entity
8 under investigation; and

9 “(D) whether the investigation is adminis-
10 trative, civil, criminal, or a combination thereof,
11 if known; and

12 “(2) for any work not described in paragraph
13 (1)—

14 “(A) a description of the subject matter and
15 scope;

16 “(B) the relevant agency, including the rel-
17 evant component of that Federal agency, under
18 review;

19 “(C) the date on which the Office initiated
20 the work; and

21 “(D) the expected time frame for comple-
22 tion.”.

1 ***Subtitle E—Council of the Inspectors General on Integrity and Ef-***
2 ***iciency Report on Expenditures***
3

4 **SEC. 5641. CIGIE REPORT ON EXPENDITURES.**

5 *Section 11(c)(3) of the Inspector General Act of 1978*
6 *(5 U.S.C. App.) is amended by adding at the end the fol-*
7 *lowing:*

8 *“(D) REPORT ON EXPENDITURES.—Not*
9 *later than November 30 of each year, the Chair-*
10 *person shall submit to the appropriate commit-*
11 *tees or subcommittees of Congress, including the*
12 *Committee on Appropriations of the Senate and*
13 *the Committee on Appropriations of the House of*
14 *Representatives, a report on the expenditures of*
15 *the Council for the preceding fiscal year, includ-*
16 *ing from direct appropriations to the Council,*
17 *interagency funding pursuant to subparagraph*
18 *(A), a revolving fund pursuant to subparagraph*
19 *(B), or any other source.”.*

20 ***Subtitle F—Notice of Refusal to***
21 ***Provide Inspectors General Access***

22 **SEC. 5651. NOTICE OF REFUSAL TO PROVIDE INFORMATION**
23 **OR ASSISTANCE TO INSPECTORS GENERAL.**

24 *Section 6(c) of the Inspector General Act of 1978 (5*
25 *U.S.C. App.) is amended by adding at the end the following:*

1 “(3) If the information or assistance that is the subject
2 of a report under paragraph (2) is not provided to the In-
3 spector General by the date that is 30 days after the report
4 is made, the Inspector General shall submit a notice that
5 the information or assistance requested has not been pro-
6 vided by the head of the establishment involved or the head
7 of the Federal agency involved, as applicable, to the appro-
8 priate congressional committees.”.

9 **Subtitle G—Training Resources for**
10 **Inspectors General and Other**
11 **Matters**

12 **SEC. 5671. TRAINING RESOURCES FOR INSPECTORS GEN-**
13 **ERAL.**

14 Section 11(c)(1) of the Inspector General Act of 1978
15 (5 U.S.C. App.) is amended—

16 (1) by redesignating subparagraphs (E) through
17 (I) as subparagraphs (F) through (J), respectively;
18 and

19 (2) by inserting after subparagraph (D) the fol-
20 lowing:

21 “(E) support the professional development
22 of Inspectors General, including by providing
23 training opportunities on the duties, responsibil-
24 ities, and authorities under this Act and on top-
25 ics relevant to Inspectors General and the work

1 *of Inspectors General, as identified by Inspectors*
2 *General and the Council.”.*

3 **SEC. 5672. DEFINITION OF APPROPRIATE CONGRESSIONAL**
4 **COMMITTEES.**

5 *The Inspector General Act of 1978 (5 U.S.C. App.) is*
6 *amended—*

7 (1) *in section 5—*

8 (A) *in subsection (b), in the matter pre-*
9 *ceding paragraph (1), by striking “committees or*
10 *subcommittees of the Congress” and inserting*
11 *“congressional committees”; and*

12 (B) *in subsection (d), by striking “commit-*
13 *tees or subcommittees of Congress” and inserting*
14 *“congressional committees”;*

15 (2) *in section 6(h)(4)—*

16 (A) *in subparagraph (B), by striking “Gov-*
17 *ernment”;* and

18 (B) *by amending subparagraph (C) to read*
19 *as follows:*

20 *“(C) Any other relevant congressional com-*
21 *mittee or subcommittee of jurisdiction.”;*

22 (3) *in section 8—*

23 (A) *in subsection (b)—*

24 (i) *in paragraph (3), by striking “the*
25 *Committees on Armed Services and Govern-*

1 *mental Affairs of the Senate and the Com-*
2 *mittee on Armed Services and the Com-*
3 *mittee on Government Reform and Over-*
4 *sight of the House of Representatives and to*
5 *other appropriate committees or subcommit-*
6 *tees of the Congress” and inserting “the ap-*
7 *propriate congressional committees, includ-*
8 *ing the Committee on Armed Services of the*
9 *Senate and the Committee on Armed Serv-*
10 *ices of the House of Representatives”; and*

11 *(ii) in paragraph (4), by striking “and*
12 *to other appropriate committees or sub-*
13 *committees”; and*

14 *(B) in subsection (f)—*

15 *(i) in paragraph (1), by striking “the*
16 *Committees on Armed Services and on*
17 *Homeland Security and Governmental Af-*
18 *airs of the Senate and the Committees on*
19 *Armed Services and on Oversight and Gov-*
20 *ernment Reform of the House of Representa-*
21 *tives and to other appropriate committees*
22 *or subcommittees of Congress” and inserting*
23 *“the appropriate congressional committees,*
24 *including the Committee on Armed Services*
25 *of the Senate and the Committee on Armed*

1 *Services of the House of Representatives”;*
2 *and*

3 *(ii) in paragraph (2), by striking*
4 *“committees or subcommittees of the Con-*
5 *gress” and inserting “congressional commit-*
6 *tees”;*

7 *(4) in section 8D—*

8 *(A) in subsection (a)(3), by striking “Com-*
9 *mittees on Governmental Affairs and Finance of*
10 *the Senate and the Committees on Government*
11 *Operations and Ways and Means of the House of*
12 *Representatives, and to other appropriate com-*
13 *mittees or subcommittees of the Congress” and*
14 *inserting “appropriate congressional committees,*
15 *including the Committee on Finance of the Sen-*
16 *ate and the Committee on Ways and Means of*
17 *the House of Representatives”;* *and*

18 *(B) in subsection (g)—*

19 *(i) in paragraph (1)—*

20 *(I) by striking “committees or*
21 *subcommittees of the Congress” and in-*
22 *serting “congressional committees”;*
23 *and*

24 *(II) by striking “Committees on*
25 *Governmental Affairs and Finance of*

1 *the Senate and the Committees on Gov-*
2 *ernment Reform and Oversight and*
3 *Ways and Means of the House of Rep-*
4 *resentatives” and inserting “Committee*
5 *on Finance of the Senate and the Com-*
6 *mittee on Ways and Means of the*
7 *House of Representatives”; and*

8 *(ii) in paragraph (2), by striking*
9 *“committees or subcommittees of Congress”*
10 *and inserting “congressional committees”;*

11 *(5) in section 8E—*

12 *(A) in subsection (a)(3), by striking “Com-*
13 *mittees on Governmental Affairs and Judiciary*
14 *of the Senate and the Committees on Government*
15 *Operations and Judiciary of the House of Rep-*
16 *resentatives, and to other appropriate committees*
17 *or subcommittees of the Congress” and inserting*
18 *“appropriate congressional committees, includ-*
19 *ing the Committee on the Judiciary of the Sen-*
20 *ate and the Committee on the Judiciary of the*
21 *House of Representatives”; and*

22 *(B) in subsection (c)—*

23 *(i) by striking “committees or sub-*
24 *committees of the Congress” and inserting*
25 *“congressional committees”; and*

1 (ii) by striking “Committees on the Ju-
2 diciary and Governmental Affairs of the
3 Senate and the Committees on the Judici-
4 ary and Government Operations of the
5 House of Representatives” and inserting
6 “Committee on the Judiciary of the Senate
7 and the Committee on the Judiciary of the
8 House of Representatives”;

9 (6) in section 8G—

10 (A) in subsection (d)(2)(E), in the matter
11 preceding clause (i), by inserting “the appro-
12 priate congressional committees, including” after
13 “are”; and

14 (B) in subsection (f)(3)—

15 (i) in subparagraph (A)(iii), by strik-
16 ing “Committee on Governmental Affairs of
17 the Senate and the Committee on Govern-
18 ment Reform and Oversight of the House of
19 Representatives, and to other appropriate
20 committees or subcommittees of the Con-
21 gress” and inserting “the appropriate con-
22 gressional committees”; and

23 (ii) by striking subparagraph (C);

24 (7) in section 8I—

1 (A) in subsection (a)(3), in the matter pre-
2 ceding subparagraph (A), by striking “commit-
3 tees and subcommittees of Congress” and insert-
4 ing “congressional committees”; and

5 (B) in subsection (d), by striking “commit-
6 tees and subcommittees of Congress” each place
7 it appears and inserting “congressional commit-
8 tees”;

9 (8) in section 8N(b), by striking “committees of
10 Congress” and inserting “congressional committees”;

11 (9) in section 11—

12 (A) in subsection (b)(3)(B)(viii)—

13 (i) by striking subclauses (III) and
14 (IV);

15 (ii) in subclause (I), by adding “and”
16 at the end; and

17 (iii) by amending subclause (II) to
18 read as follows:

19 “(II) the appropriate congres-
20 sional committees.”; and

21 (B) in subsection (d)(8)(A)(iii), by striking
22 “to the” and all that follows through “jurisdic-
23 tion” and inserting “to the appropriate congres-
24 sional committees”; and

25 (10) in section 12—

1 (A) in paragraph (4), by striking “and” at
2 the end;

3 (B) in paragraph (5), by striking the period
4 at the end and inserting “; and”; and

5 (C) by adding at the end the following:

6 “(6) the term ‘appropriate congressional commit-
7 tees’ means—

8 “(A) the Committee on Homeland Security
9 and Governmental Affairs of the Senate;

10 “(B) the Committee on Oversight and Re-
11 form of the House of Representatives; and

12 “(C) any other relevant congressional com-
13 mittee or subcommittee of jurisdiction.”.

14 **SEC. 5673. SEMIANNUAL REPORTS.**

15 *The Inspector General Act of 1978 (5 U.S.C. App.) is*
16 *amended—*

17 (1) in section 4(a)(2)—

18 (A) by inserting “, including” after “to
19 make recommendations”; and

20 (B) by inserting a comma after “section
21 5(a)”;

22 (2) in section 5—

23 (A) in subsection (a)—

24 (i) by striking paragraphs (1) through
25 (12) and inserting the following:

1 “(1) a description of significant problems,
2 abuses, and deficiencies relating to the administration
3 of programs and operations of the establishment and
4 associated reports and recommendations for corrective
5 action made by the Office;

6 “(2) an identification of each recommendation
7 made before the reporting period, for which corrective
8 action has not been completed, including the potential
9 costs savings associated with the recommendation;

10 “(3) a summary of significant investigations
11 closed during the reporting period;

12 “(4) an identification of the total number of con-
13 victions during the reporting period resulting from
14 investigations;

15 “(5) information regarding each audit, inspec-
16 tion, or evaluation report issued during the reporting
17 period, including—

18 “(A) a listing of each audit, inspection, or
19 evaluation;

20 “(B) if applicable, the total dollar value of
21 questioned costs (including a separate category
22 for the dollar value of unsupported costs) and the
23 dollar value of recommendations that funds be
24 put to better use, including whether a manage-

1 *ment decision had been made by the end of the*
2 *reporting period;*

3 “(6) *information regarding any management de-*
4 *cision made during the reporting period with respect*
5 *to any audit, inspection, or evaluation issued during*
6 *a previous reporting period;”;*

7 *(ii) by redesignating paragraphs (13)*
8 *through (22) as paragraphs (7) through*
9 *(16), respectively;*

10 *(iii) by amending paragraph (13), as*
11 *so redesignated, to read as follows:*

12 “(13) *a report on each investigation conducted*
13 *by the Office where allegations of misconduct were*
14 *substantiated involving a senior Government em-*
15 *ployee or senior official (as defined by the Office) if*
16 *the establishment does not have senior Government*
17 *employees, which shall include—*

18 “(A) *the name of the senior Government*
19 *employee, if already made public by the Office;*
20 *and*

21 “(B) *a detailed description of—*

22 “(i) *the facts and circumstances of the*
23 *investigation; and*

24 “(ii) *the status and disposition of the*
25 *matter, including—*

1 “(I) if the matter was referred to
2 the Department of Justice, the date of
3 the referral; and

4 “(II) if the Department of Justice
5 declined the referral, the date of the
6 declination;”; and

7 (iv) by amending paragraph (15), as
8 so redesignated, to read as follows:

9 “(15) information related to interference by the
10 establishment, including—

11 “(A) a detailed description of any attempt
12 by the establishment to interfere with the inde-
13 pendence of the Office, including—

14 “(i) with budget constraints designed
15 to limit the capabilities of the Office; and

16 “(ii) incidents where the establishment
17 has resisted or objected to oversight activi-
18 ties of the Office or restricted or signifi-
19 cantly delayed access to information, in-
20 cluding the justification of the establishment
21 for such action; and

22 “(B) a summary of each report made to the
23 head of the establishment under section 6(c)(2)
24 during the reporting period;”; and

25 (B) in subsection (b)—

1 *(i) by striking paragraphs (2) and (3)*
2 *and inserting the following:*

3 *“(2) where final action on audit, inspection, and*
4 *evaluation reports had not been taken before the com-*
5 *mencement of the reporting period, statistical tables*
6 *showing—*

7 *“(A) with respect to management deci-*
8 *sions—*

9 *“(i) for each report, whether a manage-*
10 *ment decision was made during the report-*
11 *ing period;*

12 *“(ii) if a management decision was*
13 *made during the reporting period, the dol-*
14 *lar value of disallowed costs and funds to be*
15 *put to better use as agreed to in the man-*
16 *agement decision; and*

17 *“(iii) total number of reports where a*
18 *management decision was made during the*
19 *reporting period and the total cor-*
20 *responding dollar value of disallowed costs*
21 *and funds to be put to better use as agreed*
22 *to in the management decision; and*

23 *“(B) with respect to final actions—*

24 *“(i) whether, if a management decision*
25 *was made before the end of the reporting pe-*

1 *riod, final action was taken during the re-*
2 *porting period;*

3 *“(ii) if final action was taken, the dol-*
4 *lar value of—*

5 *“(I) disallowed costs that were re-*
6 *covered by management through collec-*
7 *tion, offset, property in lieu of cash, or*
8 *otherwise;*

9 *“(II) disallowed costs that were*
10 *written off by management;*

11 *“(III) disallowed costs and funds*
12 *to be put to better use not yet recovered*
13 *or written off by management;*

14 *“(IV) recommendations that were*
15 *completed; and*

16 *“(V) recommendations that man-*
17 *agement has subsequently concluded*
18 *should not or could not be implemented*
19 *or completed; and*

20 *“(iii) total number of reports where*
21 *final action was not taken and total num-*
22 *ber of reports where final action was taken,*
23 *including the total corresponding dollar*
24 *value of disallowed costs and funds to be*

1 *put to better use as agreed to in the man-*
2 *agement decisions;”;*

3 *(ii) by redesignating paragraph (4) as*
4 *paragraph (3);*

5 *(iii) in paragraph (3), as so redesign-*
6 *ated, by striking “subsection (a)(20)(A)”*
7 *and inserting “subsection (a)(14)(A)”;* and

8 *(iv) by striking paragraph (5) and in-*
9 *serting the following:*

10 *“(4) a statement explaining why final action has*
11 *not been taken with respect to each audit, inspection,*
12 *and evaluation report in which a management deci-*
13 *sion has been made but final action has not yet been*
14 *taken, except that such statement—*

15 *“(A) may exclude reports if—*

16 *“(i) a management decision was made*
17 *within the preceding year; or*

18 *“(ii) the report is under formal admin-*
19 *istrative or judicial appeal or management*
20 *of the establishment has agreed to pursue a*
21 *legislative solution; and*

22 *“(B) shall identify the number of reports in*
23 *each category so excluded.”;*

1 (C) by redesignating subsection (h), as so
2 redesignated by section ____305 of this title, as
3 subsection (i); and

4 (D) by inserting after subsection (g), as so
5 redesignated by section ____305 of this title, the
6 following:

7 “(h) If an Office has published any portion of the re-
8 port or information required under subsection (a) to the
9 website of the Office or on oversight.gov, the Office may elect
10 to provide links to the relevant webpage or website in the
11 report of the Office under subsection (a) in lieu of including
12 the information in that report.”.

13 **SEC. 5674. SUBMISSION OF REPORTS THAT SPECIFICALLY**
14 **IDENTIFY NON-GOVERNMENTAL ORGANIZA-**
15 **TIONS OR BUSINESS ENTITIES.**

16 (a) *IN GENERAL.*—Section 5(g) of the Inspector Gen-
17 eral Act of 1978 (5 U.S.C. App.), as so redesignated by sec-
18 tion ____305 of this title, is amended by adding at the end
19 the following:

20 “(6)(A) Except as provided in subparagraph (B), if
21 an audit, evaluation, inspection, or other non-investigative
22 report prepared by an Inspector General specifically identi-
23 fies a specific non-governmental organization or business
24 entity, whether or not the non-governmental organization

1 *or business entity is the subject of that audit, evaluation,*
2 *inspection, or non-investigative report—*

3 *“(i) the Inspector General shall notify the non-*
4 *governmental organization or business entity;*

5 *“(ii) the non-governmental organization or busi-*
6 *ness entity shall have—*

7 *“(I) 30 days to review the audit, evaluation,*
8 *inspection, or non-investigative report beginning*
9 *on the date of publication of the audit, evalua-*
10 *tion, inspection, or non-investigative report; and*

11 *“(II) the opportunity to submit a written*
12 *response for the purpose of clarifying or pro-*
13 *viding additional context as it directly relates to*
14 *each instance wherein an audit, evaluation, in-*
15 *spection, or non-investigative report specifically*
16 *identifies that non-governmental organization or*
17 *business entity; and*

18 *“(iii) if a written response is submitted under*
19 *clause (ii)(II) within the 30-day period described in*
20 *clause (ii)(I)—*

21 *“(I) the written response shall be attached*
22 *to the audit, evaluation, inspection, or non-in-*
23 *vestigative report; and*

24 *“(II) in every instance where the report*
25 *may appear on the public-facing website of the*

1 *Inspector General, the website shall be updated*
2 *in order to access a version of the audit, evalua-*
3 *tion, inspection, or non-investigative report that*
4 *includes the written response.*

5 *“(B) Subparagraph (A) shall not apply with respect*
6 *to a non-governmental organization or business entity that*
7 *refused to provide information or assistance sought by an*
8 *Inspector General during the creation of the audit, evalua-*
9 *tion, inspection, or non-investigative report.*

10 *“(C) An Inspector General shall review any written*
11 *response received under subparagraph (A) for the purpose*
12 *of preventing the improper disclosure of classified informa-*
13 *tion or other non-public information, consistent with appli-*
14 *cable laws, rules, and regulations, and, if necessary, redact*
15 *such information.”.*

16 *(b) RETROACTIVE APPLICABILITY.—During the 30-*
17 *day period beginning on the date of enactment of this Act—*

18 *(1) the amendment made by subsection (a) shall*
19 *apply upon the request of a non-governmental organi-*
20 *zation or business entity named in an audit, evalua-*
21 *tion, inspection, or other non-investigative report pre-*
22 *pared on or after January 1, 2019; and*

23 *(2) any written response submitted under clause*
24 *(iii) of section 5(g)(6)(A) of the Inspector General Act*
25 *of 1978 (5 U.S.C. App.), as added by subsection (a),*

1 *with respect to such an audit, evaluation, inspection,*
2 *or other non-investigative report shall attach to the*
3 *original report in the manner described in that*
4 *clause.*

5 **SEC. 5675. REVIEW RELATING TO VETTING, PROCESSING,**
6 **AND RESETTLEMENT OF EVACUEES FROM AF-**
7 **GHANISTAN AND THE AFGHANISTAN SPECIAL**
8 **IMMIGRANT VISA PROGRAM.**

9 *(a) IN GENERAL.—In accordance with the Inspector*
10 *General Act of 1978 (5 U.S.C. App.), the Inspector General*
11 *of the Department of Homeland Security, jointly with the*
12 *Inspector General of the Department of State, and in co-*
13 *ordination with the Inspector General of the Department*
14 *of Defense and any appropriate inspector general, shall con-*
15 *duct a thorough review of efforts to support and process*
16 *evacuees from Afghanistan and the Afghanistan special im-*
17 *migrant visa program.*

18 *(b) ELEMENTS.—The review required by subsection (a)*
19 *shall include an assessment of the systems, staffing, policies,*
20 *and programs used—*

21 *(1) to the screen and vet such evacuees, includ-*
22 *ing—*

23 *(A) an assessment of whether personnel con-*
24 *ducting such screening and vetting were appro-*
25 *priately authorized and provided with training,*

1 *including training in the detection of fraudulent*
2 *personal identification documents;*

3 *(B) an analysis of the degree to which such*
4 *screening and vetting deviated from United*
5 *States law, regulations, policy, and best practices*
6 *relating to the screening and vetting of refugees*
7 *and applicants for United States visas that have*
8 *been in use at any time since January 1, 2016;*

9 *(C) an identification of any risk to the na-*
10 *tional security of the United States posed by any*
11 *such deviations;*

12 *(D) an analysis of the processes used for*
13 *evacuees traveling without personal identifica-*
14 *tion records, including the creation or provision*
15 *of any new identification records to such evac-*
16 *uees; and*

17 *(E) an analysis of the degree to which such*
18 *screening and vetting process was capable of de-*
19 *tecting—*

20 *(i) instances of human trafficking and*
21 *domestic abuse;*

22 *(ii) evacuees who are unaccompanied*
23 *minors; and*

24 *(iii) evacuees with a spouse that is a*
25 *minor;*

1 (2) to admit and process such evacuees at United
2 States ports of entry;

3 (3) to temporarily house such evacuees prior to
4 resettlement;

5 (4) to account for the total number of individ-
6 uals evacuated from Afghanistan in 2021 with sup-
7 port of the United States Government, disaggregated
8 by—

9 (A) country of origin;

10 (B) citizenship, only if different from coun-
11 try of origin;

12 (C) age;

13 (D) gender;

14 (E) eligibility for special immigrant visas
15 under the Afghan Allies Protection Act of 2009
16 (8 U.S.C. 1101 note; Public Law 111–8) or sec-
17 tion 1059 of the National Defense Authorization
18 Act for Fiscal Year 2006 (8 U.S.C. 1101 note;
19 Public Law 109–163) at the time of evacuation;

20 (F) eligibility for employment-based non-
21 immigrant visas at the time of evacuation; and

22 (G) familial relationship to evacuees who
23 are eligible for visas described in subparagraphs
24 (E) and (F); and

1 (5) to provide eligible individuals with special
2 immigrant visas under the Afghan Allies Protection
3 Act of 2009 (8 U.S.C. 1101 note; Public Law 111–8)
4 and section 1059 of the National Defense Authoriza-
5 tion Act for Fiscal Year 2006 (8 U.S.C. 1101 note;
6 Public Law 109–163) since the date of the enactment
7 of the Afghan Allies Protection Act of 2009 (8 U.S.C.
8 1101 note; Public Law 111–8), including—

9 (A) a detailed step-by-step description of the
10 application process for such special immigrant
11 visas, including the number of days allotted by
12 the United States Government for the completion
13 of each step;

14 (B) the number of such special immigrant
15 visa applications received, approved, and denied,
16 disaggregated by fiscal year;

17 (C) the number of such special immigrant
18 visas issued, as compared to the number avail-
19 able under law, disaggregated by fiscal year;

20 (D) an assessment of the average length of
21 time taken to process an application for such a
22 special immigrant visa, beginning on the date of
23 submission of the application and ending on the
24 date of final disposition, disaggregated by fiscal
25 year;

1 (E) an accounting of the number of appli-
2 cations for such special immigrant visas that re-
3 mained pending at the end of each fiscal year;

4 (F) an accounting of the number of inter-
5 views of applicants for such special immigrant
6 visas conducted during each fiscal year;

7 (G) the number of noncitizens who were ad-
8 mitted to the United States pursuant to such a
9 special immigrant visa during each fiscal year;

10 (H) an assessment of the extent to which
11 each participating department or agency of the
12 United States Government, including the De-
13 partment of State and the Department of Home-
14 land Security, adjusted processing practices and
15 procedures for such special immigrant visas so
16 as to vet applicants and expand processing ca-
17 pacity since the February 29, 2020, Doha Agree-
18 ment between the United States and the Taliban;

19 (I) a list of specific steps, if any, taken be-
20 tween February 29, 2020, and August 31,
21 2021—

22 (i) to streamline the processing of ap-
23 plications for such special immigrant visas;
24 and

1 (ii) to address longstanding bureau-
2 cratic hurdles while improving security pro-
3 tocols;

4 (J) a description of the degree to which the
5 Secretary of State implemented recommendations
6 made by the Department of State Office of In-
7 spector General in its June 2020 reports on Re-
8 view of the Afghan Special Immigrant Visa Pro-
9 gram (AUD-MERO-20-35) and Management As-
10 sistance Report: Quarterly Reporting on Afghan
11 Special Immigrant Visa Program Needs Im-
12 provement (AUD-MERO-20-34);

13 (K) an assessment of the extent to which
14 challenges in verifying applicants' employment
15 with the Department of Defense contributed to
16 delays in the processing of such special immi-
17 grant visas, and an accounting of the specific
18 steps taken since February 29, 2020, to address
19 issues surrounding employment verification; and

20 (L) recommendations to strengthen and
21 streamline such special immigrant visa process
22 going forward.

23 (c) *INTERIM REPORTING.*—

24 (1) *IN GENERAL.*—Not later than 180 days after
25 the date of the enactment of this Act, the Inspector

1 *General of the Department of Homeland Security and*
2 *the Inspector General of the Department of State shall*
3 *submit to the appropriate congressional committees*
4 *not fewer than one interim report on the review con-*
5 *ducted under this section.*

6 (2) *DEFINITIONS.—In this subsection:*

7 (A) *APPROPRIATE CONGRESSIONAL COMMIT-*
8 *TEES.—The term “appropriate congressional*
9 *committees” has the meaning given the term in*
10 *section 12 of the Inspector General Act of 1978*
11 *(5 U.S.C. App.), as amended by this subtitle.*

12 (B) *SCREEN; SCREENING.—The terms*
13 *“screen” and “screening”, with respect to an*
14 *evacuee, mean the process by which a Federal of-*
15 *ficial determines—*

16 (i) *the identity of the evacuee;*

17 (ii) *whether the evacuee has a valid*
18 *identification documentation; and*

19 (iii) *whether any database of the*
20 *United States Government contains deroga-*
21 *tory information about the evacuee.*

22 (C) *VET; VETTING.—The term “vet” and*
23 *“vetting”, with respect to an evacuee, means the*
24 *process by which a Federal official interviews the*
25 *evacuee to determine whether the evacuee is who*

1 *they purport to be, including whether the evacuee*
2 *poses a national security risk.*

3 *(d) DISCHARGE OF RESPONSIBILITIES.—The Inspec-*
4 *tor General of the Department of Homeland Security and*
5 *the Inspector General of the Department of State shall dis-*
6 *charge the responsibilities under this section in a manner*
7 *consistent with the authorities and requirements of the In-*
8 *spector General Act of 1978 (5 U.S.C. App.) and the au-*
9 *thorities and requirements applicable to the Inspector Gen-*
10 *eral of the Department of Homeland Security and the In-*
11 *spector General of the Department of State under that Act.*

12 *(e) COORDINATION.—Upon request of an Inspector*
13 *General for information or assistance under subsection (a),*
14 *the head of any Federal agency involved shall, insofar as*
15 *is practicable and not in contravention of any existing stat-*
16 *utory restriction or regulation of the Federal agency from*
17 *which the information is requested, furnish to such Inspec-*
18 *tor General, or to an authorized designee, such information*
19 *or assistance.*

20 *(f) RULE OF CONSTRUCTION.—Nothing in this section*
21 *shall be construed to limit the ability of the Inspector Gen-*
22 *eral of the Department of Homeland Security or the Inspec-*
23 *tor General of the Department of State to enter into agree-*
24 *ments to conduct joint audits, inspections, or investigations*
25 *in the exercise of the oversight responsibilities of the Inspec-*

1 *tor General of the Department of Homeland Security and*
2 *the Inspector General of the Department of State, in accord-*
3 *ance with the Inspector General Act of 1978 (5 U.S.C.*
4 *App.), with respect to oversight of the evacuation from Af-*
5 *ghanistan, the selection, vetting, and processing of appli-*
6 *cants for special immigrant visas and asylum, and any re-*
7 *settlement in the United States of such evacuees.*

8 **TITLE LVII—FEDERAL**
9 **EMPLOYEE MATTERS**

10 **SEC. 5701. APPEALS TO MERIT SYSTEMS PROTECTION**
11 **BOARD RELATING TO FBI REPRISAL ALLEGA-**
12 **TIONS; SALARY OF SPECIAL COUNSEL.**

13 (a) *APPEALS TO MSPB.*—Section 2303 of title 5,
14 *United States Code, is amended by adding at the end the*
15 *following:*

16 “(d)(1) *An employee of the Federal Bureau of Inves-*
17 *tigation who makes an allegation of a reprisal under regu-*
18 *lations promulgated under this section may appeal a final*
19 *determination or corrective action order by the Bureau*
20 *under those regulations to the Merit Systems Protection*
21 *Board pursuant to section 1221.*

22 “(2) *If no final determination or corrective action*
23 *order has been made or issued for an allegation described*
24 *in paragraph (1) before the expiration of the 180-day period*
25 *beginning on the date on which the allegation is received*

1 *by the Federal Bureau of Investigation, the employee de-*
2 *scribed in that paragraph may seek corrective action di-*
3 *rectly from the Merit Systems Protection Board pursuant*
4 *to section 1221.”.*

5 (b) *SPECIAL COUNSEL SALARY.—*

6 (1) *IN GENERAL.—Subchapter II of chapter 53 of*
7 *title 5, United States Code, is amended—*

8 (A) *in section 5314, by adding at the end*
9 *the following new item :“Special Counsel of the*
10 *Office of Special Counsel.”; and*

11 (B) *in section 5315, by striking “Special*
12 *Counsel of the Merit Systems Protection Board.”*

13 (2) *APPLICATION.—The rate of pay applied*
14 *under the amendments made by paragraph (1) shall*
15 *begin to apply on the first day of the first pay period*
16 *beginning after date of enactment of this Act.*

17 **SEC. 5702. MINIMUM WAGE FOR FEDERAL CONTRACTORS.**

18 *Executive Order 14026 and its implementing regula-*
19 *tions in part 23 of title 29, Code of Federal Regulations,*
20 *are hereby enacted into law, except that nothing in this sec-*
21 *tion shall be construed to prohibit any Federal department*
22 *or agency from requiring any Federal contract entered into*
23 *on or after the date of enactment of this section to include*
24 *a clause requiring that workers employed in the perform-*
25 *ance of such contract or any covered subcontract (as defined*

1 *in such regulations) be paid at a minimum wage that ex-*
2 *ceeds the minimum wage in effect pursuant to such execu-*
3 *tive order and regulations.*

4 **SEC. 5703. FEDERAL WILDLAND FIREFIGHTER RECRUIT-**
5 **MENT AND RETENTION.**

6 *(a) RECRUITMENT AND RETENTION BONUS.—In order*
7 *to promote the recruitment and retention of Federal*
8 *wildland firefighters, the Director of the Office of Personnel*
9 *Management, in coordination with the Secretary of Agri-*
10 *culture and the Secretary of the Interior, shall establish a*
11 *program under which a recruitment or retention bonus of*
12 *not less than \$1,000 may be paid to a Federal wildland*
13 *firefighter in an amount as determined appropriate by the*
14 *Director of the Office of Personnel Management and the Sec-*
15 *retary of Agriculture and the Secretary of the Interior. The*
16 *minimum amount of such bonus in the previous sentence*
17 *shall be increased each year by the Consumer Price Index*
18 *in the manner prescribed under subsection (b)(2). Any*
19 *bonus under this subsection—*

20 *(1) shall be paid to any primary or secondary*
21 *Federal wildland firefighter upon the date that such*
22 *firefighter successfully completes a work capacity test;*
23 *and*

24 *(2) may not be paid to any such firefighter more*
25 *than once per calendar year.*

1 (b) *FEDERAL WILDLAND FIREFIGHTER*.—*In this sec-*
2 *tion, the term “Federal wildland firefighter” means any*
3 *temporary, seasonal, or permanent position at the Depart-*
4 *ment of Agriculture or the Department of the Interior that*
5 *maintains group, emergency incident management, or fire*
6 *qualifications, as established annually by the Standards for*
7 *Wildland Fire Position Qualifications published by the Na-*
8 *tional Wildfire Coordinating Group, and primarily engages*
9 *in or supports wildland fire management activities, includ-*
10 *ing forestry and rangeland technicians and positions con-*
11 *cerning aviation, engineering heavy equipment operations,*
12 *or fire and fuels management.*

13 ***TITLE LVIII—OTHER MATTERS***

14 ***SEC. 5801. AFGHAN ALLIES PROTECTION.***

15 *Clause (ii) of section 602(b)(2)(A) of the Afghan Allies*
16 *Protection Act of 2009 (Public Law 111–8; 8 U.S.C. 1101*
17 *note) is amended in the matter preceding subclause (I), by*
18 *striking “year—” and inserting the following: “year, or in*
19 *the case of an alien who was wounded or seriously injured*
20 *in connection with employment described in this subpara-*
21 *graph, for the period until such wound or injury occurred,*
22 *if the wound or injury prevented the alien from continuing*
23 *employment—”.*

1 **SEC. 5802. ADVANCING MUTUAL INTERESTS AND GROWING**
2 **OUR SUCCESS.**

3 (a) *NONIMMIGRANT TRADERS AND INVESTORS.*—For
4 purposes of clauses (i) and (ii) of section 101(a)(15)(E) of
5 the Immigration and Nationality Act (8 U.S.C.
6 1101(a)(15)(E)), Portugal shall be considered to be a for-
7 eign state described in such section if the Government of
8 Portugal provides similar nonimmigrant status to nation-
9 als of the United States.

10 (b) *MODIFICATION OF ELIGIBILITY CRITERIA FOR E*
11 *VISAS.*—

12 Section 101(a)(15)(E) of the Immigration and
13 Nationality Act (8 U.S.C. 1101(a)(15)(E)) is amend-
14 ed—

15 (1) by inserting “(or, in the case of an alien who
16 acquired the relevant nationality through a financial
17 investment and who has not previously been granted
18 status under this subparagraph, the foreign state of
19 which the alien is a national and in which the alien
20 has been domiciled for a continuous period of not less
21 than 3 years at any point before applying for a non-
22 immigrant visa under this subparagraph)” before “,
23 and the spouse”; and

24 (2) by striking “him” and inserting “such
25 alien”; and

1 (3) by striking “he” each place such term ap-
2 pears and inserting “the alien”.

3 **SEC. 5803. EXPANSION OF STUDY OF PFAS CONTAMINA-**
4 **TION.**

5 (a) *CDC STUDY ON HEALTH IMPLICATIONS OF PER-*
6 *AND POLYFLUOROALKYL SUBSTANCES CONTAMINATION IN*
7 *DRINKING WATER.*—*The Secretary of Health and Human*
8 *Services, acting through the Director of the Centers for Dis-*
9 *ease Control and Prevention and the Director of the Agency*
10 *for Toxic Substances and Disease Registry, and, as appro-*
11 *priate, the Director of the National Institute of Environ-*
12 *mental Health Sciences, and in consultation with the Sec-*
13 *retary of Defense, shall—*

14 (1) *expand (by including more military installa-*
15 *tions, communities, or other sites) the study author-*
16 *ized by section 316 of the National Defense Authoriza-*
17 *tion Act for Fiscal Year 2018 (Public Law 115–91)*
18 *on the human health implications of per- and*
19 *polyfluoroalkyl substances (in this section referred to*
20 *as “PFAS”) contamination in drinking water,*
21 *ground water, and any other sources of water and rel-*
22 *evant exposure pathways, including the cumulative*
23 *human health implications of multiple types of PFAS*
24 *contamination at levels above and below health advi-*

1 sory levels to assess health effects at additional mili-
2 tary installations;

3 (2) not later than 1 year after the date of the en-
4 actment of this Act, and annually thereafter until
5 submission of the report under paragraph (3)(B), sub-
6 mit to the appropriate congressional committees a re-
7 port on the progress of such expanded study; and

8 (3) not later than 5 years after the date of enact-
9 ment of this Act (or 7 years after such date of enact-
10 ment after providing notice to the appropriate con-
11 gressional committees of the need for the delay)—

12 (A) complete the expanded study and make
13 any appropriate recommendations; and

14 (B) submit a report to the appropriate con-
15 gressional committees on the results of such ex-
16 panded study.

17 (b) *EXPOSURE ASSESSMENT.*—

18 (1) *IN GENERAL.*—*The Secretary of Health and*
19 *Human Services, acting through the Director of the*
20 *Centers for Disease Control and Prevention and the*
21 *Director of the Agency for Toxic Substances and Dis-*
22 *ease Registry, and, as appropriate, the Director of the*
23 *National Institute of Environmental Health Sciences,*
24 *and in consultation with the Secretary of Defense,*
25 *shall conduct an exposure assessment of not less than*

1 *10 current or former domestic military installations*
2 *which were not included in the study authorized by*
3 *section 316(a) of the National Defense Authorization*
4 *Act for Fiscal Year 2018 (Public Law 115–91) and*
5 *which are known to have PFAS contamination in*
6 *drinking water, ground water, and any other sources*
7 *of water and relevant exposure pathways.*

8 (2) *CONTENTS.—The exposure assessment re-*
9 *quired under this subsection shall—*

10 (A) *include—*

11 (i) *for each military installation cov-*
12 *ered under the exposure assessment, a statis-*
13 *tical sample to be determined by the Sec-*
14 *retary of Health and Human Services in*
15 *consultation with the relevant State health*
16 *departments; and*

17 (ii) *biomonitoring for assessing the*
18 *contamination described in paragraph (1);*
19 *and*

20 (B) *produce findings, which shall be—*

21 (i) *used to help design the study de-*
22 *scribed in subsection (a)(1); and*

23 (ii) *not later than 1 year after the con-*
24 *clusion of such exposure assessment, released*
25 *to the appropriate congressional committees.*

1 (3) *TIMING.*—*The exposure assessment required*
2 *under this subsection shall—*

3 (A) *begin not later than 180 days after the*
4 *date of enactment of this Act; and*

5 (B) *conclude not later than 2 years after*
6 *such date of enactment.*

7 (c) *COORDINATION WITH OTHER AGENCIES.*—*The Di-*
8 *rector of the Agency for Toxic Substances and Disease Reg-*
9 *istry may, as necessary, use staff and other resources from*
10 *other Federal agencies in carrying out the study under sub-*
11 *section (a) and the assessment under subsection (b).*

12 (d) *NO EFFECT ON REGULATORY PROCESS.*—*The*
13 *study under subsection (a) and assessment under subsection*
14 *(b) shall not interfere with any regulatory processes of the*
15 *Environmental Protection Agency, including determina-*
16 *tions of maximum contaminant levels.*

17 (e) *DEFINITION.*—*In this section, the term “appro-*
18 *priate congressional committees” means—*

19 (1) *the congressional defense committees;*

20 (2) *the Committee on Health, Education, Labor,*
21 *and Pensions, the Committee on Environment and*
22 *Public Works, and the Committee on Veterans’ Affairs*
23 *of the Senate; and*

1 (3) *the Committee on Energy and Commerce and*
2 *the Committee on Veterans' Affairs of the House of*
3 *Representatives.*

4 (f) *FUNDING.*—

5 (1) *SOURCE OF FUNDS.*—*The study under sub-*
6 *section (a) and assessment under subsection (b) may*
7 *be paid for using funds authorized to be appropriated*
8 *to the Department of Defense under the heading “Op-*
9 *eration and Maintenance, Defense-Wide”.*

10 (2) *TRANSFER AUTHORITY.*—*Without regard to*
11 *section 2215 of title 10, United States Code, the Sec-*
12 *retary of Defense may transfer not more than*
13 *\$20,000,000 a year during each of fiscal years 2023*
14 *and 2024 to the Secretary of Health and Human*
15 *Services to pay for the study under subsection (a) and*
16 *assessment under subsection (b).*

17 (3) *EXPENDITURE AUTHORITY.*—*Amounts trans-*
18 *ferred to the Secretary of Health and Human Services*
19 *shall be used to carry out the study under subsection*
20 *(a) and assessment under subsection (b) through con-*
21 *tracts, cooperative agreements, or grants. In addition,*
22 *such funds may be transferred by the Secretary of*
23 *Health and Human Services to other accounts of the*
24 *Department of Health and Human Services for the*
25 *purposes of carrying out this section.*

1 (4) *RELATIONSHIP TO OTHER TRANSFER AU-*
2 *THORITIES.*—*The transfer authority provided under*
3 *this subsection is in addition to any other transfer*
4 *authority available to the Department of Defense or*
5 *the Department of Health and Human Services.*

6 **SEC. 5804. NATIONAL RESEARCH AND DEVELOPMENT**
7 **STRATEGY FOR DISTRIBUTED LEDGER TECH-**
8 **NOLOGY.**

9 (a) *DEFINITIONS.*—*In this section:*

10 (1) *DIRECTOR.*—*Except as otherwise expressly*
11 *provided, the term “Director” means the Director of*
12 *the Office of Science and Technology Policy.*

13 (2) *DISTRIBUTED LEDGER.*—*The term “distrib-*
14 *uted ledger” means a ledger that—*

15 (A) *is shared across a set of distributed*
16 *nodes, which are devices or processes, that par-*
17 *ticipate in a network and store a complete or*
18 *partial replica of the ledger;*

19 (B) *is synchronized between the nodes;*

20 (C) *has data appended to it by following*
21 *the ledger’s specified consensus mechanism;*

22 (D) *may be accessible to anyone (public) or*
23 *restricted to a subset of participants (private);*
24 *and*

1 (E) may require participants to have au-
2 thorization to perform certain actions
3 (permissioned) or require no authorization
4 (permissionless).

5 (3) *DISTRIBUTED LEDGER TECHNOLOGY*.—The
6 term “distributed ledger technology” means technology
7 that enables the operation and use of distributed ledg-
8 ers.

9 (4) *INSTITUTION OF HIGHER EDUCATION*.—The
10 term “institution of higher education” has the mean-
11 ing given the term in section 101 of the Higher Edu-
12 cation Act of 1965 (20 U.S.C. 1001).

13 (5) *RELEVANT CONGRESSIONAL COMMITTEES*.—
14 The term “relevant congressional committees”
15 means—

16 (A) the Committee on Commerce, Science,
17 and Transportation of the Senate; and

18 (B) the Committee on Science, Space, and
19 Technology of the House of Representatives.

20 (6) *SMART CONTRACT*.—The term “smart con-
21 tract” means a computer program stored in a distrib-
22 uted ledger system that is executed when certain
23 predefined conditions are satisfied and wherein the
24 outcome of any execution of the program may be re-
25 corded on the distributed ledger.

1 (b) *NATIONAL DISTRIBUTED LEDGER TECHNOLOGY*
2 *R&D STRATEGY.*—

3 (1) *IN GENERAL.*—*The Director, or a designee of*
4 *the Director, shall, in coordination with the National*
5 *Science and Technology Council, and the heads of*
6 *such other relevant Federal agencies and entities as*
7 *the Director considers appropriate, which may in-*
8 *clude the National Academies, and in consultation*
9 *with such nongovernmental entities as the Director*
10 *considers appropriate, develop a national strategy for*
11 *the research and development of distributed ledger*
12 *technologies and their applications, including appli-*
13 *cations of public and permissionless distributed ledg-*
14 *ers. In developing the national strategy, the Director*
15 *shall consider the following:*

16 (A) *Current efforts and coordination by*
17 *Federal agencies to invest in the research and de-*
18 *velopment of distributed ledger technologies and*
19 *their applications, including through programs*
20 *like the Small Business Innovation Research*
21 *program, the Small Business Technology Trans-*
22 *fer program, and the National Science Founda-*
23 *tion's Innovation Corps programs.*

24 (B)(i) *The potential benefits and risks of*
25 *applications of distributed ledger technologies*

1 across different industry sectors, including their
2 potential to—

3 (I) lower transactions costs and facili-
4 tate new types of commercial transactions;

5 (II) protect privacy and increase indi-
6 viduals' data sovereignty;

7 (III) reduce friction to the interoper-
8 ability of digital systems;

9 (IV) increase the accessibility,
10 auditability, security, efficiency, and trans-
11 parency of digital services;

12 (V) increase market competition in the
13 provision of digital services;

14 (VI) enable dynamic contracting and
15 contract execution through smart contracts;

16 (VII) enable participants to collaborate
17 in trustless and disintermediated environ-
18 ments;

19 (VIII) enable the operations and gov-
20 ernance of distributed organizations;

21 (IX) create new ownership models for
22 digital items; and

23 (X) increase participation of popu-
24 lations historically underrepresented in the
25 technology, business, and financial sectors.

1 (ii) *In consideration of the potential risks of*
2 *applications of distributed ledger technologies*
3 *under clause (i), the Director shall take into ac-*
4 *count, where applicable—*

5 (I) *additional risks that may emerge*
6 *from distributed ledger technologies, as*
7 *identified in reports submitted to the Presi-*
8 *dent pursuant to Executive Order 14067,*
9 *that may be addressed by research and de-*
10 *velopment;*

11 (II) *software vulnerabilities in distrib-*
12 *uted ledger technologies and smart con-*
13 *tracts;*

14 (III) *limited consumer literacy on en-*
15 *gaging with applications of distributed*
16 *ledger technologies in a secure way;*

17 (IV) *the use of distributed ledger tech-*
18 *nologies in illicit finance and their use in*
19 *combating illicit finance;*

20 (V) *manipulative, deceptive, and*
21 *fraudulent practices that harm consumers*
22 *engaging with applications of distributed*
23 *ledger technologies;*

24 (VI) *the implications of different con-*
25 *sensus mechanisms for digital ledgers and*

1 *governance and accountability mechanisms*
2 *for applications of distributed ledger tech-*
3 *nologies, which may include decentralized*
4 *networks;*

5 *(VII) foreign activities in the develop-*
6 *ment and deployment of distributed ledger*
7 *technologies and their associated tools and*
8 *infrastructure; and*

9 *(VIII) environmental, sustainability,*
10 *and economic impacts of the computational*
11 *resources required for distributed ledger*
12 *technologies.*

13 *(C) Potential uses for distributed ledger*
14 *technologies that could improve the operations*
15 *and delivery of services by Federal agencies, tak-*
16 *ing into account the potential of digital ledger*
17 *technologies to—*

18 *(i) improve the efficiency and effective-*
19 *ness of privacy-preserving data sharing*
20 *among Federal agencies and with State,*
21 *local, territorial, and Tribal governments;*

22 *(ii) promote government transparency*
23 *by improving data sharing with the public;*

1 (iii) introduce or mitigate risks that
2 may threaten individuals' rights or broad
3 access to Federal services;

4 (iv) automate and modernize processes
5 for assessing and ensuring regulatory com-
6 pliance; and

7 (v) facilitate broad access to financial
8 services for underserved and underbanked
9 populations.

10 (D) Ways to support public and private sec-
11 tor dialogue on areas of research that could en-
12 hance the efficiency, scalability, interoperability,
13 security, and privacy of applications using dis-
14 tributed ledger technologies.

15 (E) The need for increased coordination of
16 the public and private sectors on the development
17 of voluntary standards in order to promote re-
18 search and development, including standards re-
19 garding security, smart contracts, cryptographic
20 protocols, virtual routing and forwarding, inter-
21 operability, zero-knowledge proofs, and privacy,
22 for distributed ledger technologies and their ap-
23 plications.

24 (F) Applications of distributed ledger tech-
25 nologies that could positively benefit society but

1 that receive relatively little private sector invest-
2 ment.

3 (G) *The United States position in global*
4 *leadership and competitiveness across research,*
5 *development, and deployment of distributed ledg-*
6 *er technologies.*

7 (2) *CONSULTATION.—*

8 (A) *IN GENERAL.—In carrying out the Di-*
9 *rector’s duties under this subsection, the Director*
10 *shall consult with the following:*

11 (i) *Private industry.*

12 (ii) *Institutions of higher education,*
13 *including minority-serving institutions.*

14 (iii) *Nonprofit organizations, includ-*
15 *ing foundations dedicated to supporting dis-*
16 *tributed ledger technologies and their appli-*
17 *cations.*

18 (iv) *State governments.*

19 (v) *Such other persons as the Director*
20 *considers appropriate.*

21 (B) *REPRESENTATION.—The Director shall*
22 *ensure consultations with the following:*

23 (i) *Rural and urban stakeholders from*
24 *across the Nation.*

1 (ii) *Small, medium, and large busi-*
2 *nesses.*

3 (iii) *Subject matter experts rep-*
4 *resenting multiple industrial sectors.*

5 (iv) *A demographically diverse set of*
6 *stakeholders.*

7 (3) *COORDINATION.—In carrying out this sub-*
8 *section, the Director shall, for purposes of avoiding*
9 *duplication of activities, consult, cooperate, and co-*
10 *ordinate with the programs and policies of other rel-*
11 *evant Federal agencies, including the interagency*
12 *process outlined in section 3 of Executive Order*
13 *14067 (87 Fed. Reg. 14143; relating ensuring respon-*
14 *sible development of digital assets).*

15 (4) *NATIONAL STRATEGY.—Not later than 1 year*
16 *after the date of enactment of this Act, the Director*
17 *shall submit to the relevant congressional committees*
18 *and the President a national strategy that includes*
19 *the following:*

20 (A) *Priorities for the research and develop-*
21 *ment of distributed ledger technologies and their*
22 *applications.*

23 (B) *Plans to support public and private*
24 *sector investment and partnerships in research*
25 *and technology development for societally bene-*

1 *ficial applications of distributed ledger tech-*
2 *nologies.*

3 (C) *Plans to mitigate the risks of distrib-*
4 *uted ledger technologies and their applications.*

5 (D) *An identification of additional re-*
6 *sources, administrative action, or legislative ac-*
7 *tion recommended to assist with the implementa-*
8 *tion of such strategy.*

9 (5) *RESEARCH AND DEVELOPMENT FUNDING.—*

10 *The Director shall, as the Director considers nec-*
11 *essary, consult with the Director of the Office of Man-*
12 *agement and Budget and with the heads of such other*
13 *elements of the Executive Office of the President as*
14 *the Director considers appropriate, to ensure that the*
15 *recommendations and priorities with respect to re-*
16 *search and development funding, as expressed in the*
17 *national strategy developed under this subsection, are*
18 *incorporated in the development of annual budget re-*
19 *quests for Federal research agencies.*

20 (c) *DISTRIBUTED LEDGER TECHNOLOGY RE-*
21 *SEARCH.—*

22 (1) *IN GENERAL.—The Director of the National*
23 *Science Foundation shall make awards, on a competi-*
24 *tive basis, to institutions of higher education, includ-*
25 *ing minority-serving institutions, or nonprofit orga-*

1 *nizations (or consortia of such institutions or organi-*
2 *zations) to support research, including interdiscipli-*
3 *nary research, on distributed ledger technologies, their*
4 *applications, and other issues that impact or are*
5 *caused by distributed ledger technologies, which may*
6 *include research on—*

7 *(A) the implications on trust, transparency,*
8 *privacy, accessibility, accountability, and energy*
9 *consumption of different consensus mechanisms*
10 *and hardware choices, and approaches for ad-*
11 *ressing these implications;*

12 *(B) approaches for improving the security,*
13 *privacy, resiliency, interoperability, perform-*
14 *ance, and scalability of distributed ledger tech-*
15 *nologies and their applications, which may in-*
16 *clude decentralized networks;*

17 *(C) approaches for identifying and address-*
18 *ing vulnerabilities and improving the perform-*
19 *ance and expressive power of smart contracts;*

20 *(D) the implications of quantum computing*
21 *on applications of distributed ledger technologies,*
22 *including long-term protection of sensitive infor-*
23 *mation (such as medical or digital property),*
24 *and techniques to address them;*

1 (E) game theory, mechanism design, and ec-
2 onomics underpinning and facilitating the oper-
3 ations and governance of decentralized networks
4 enabled by distributed ledger technologies;

5 (F) the social behaviors of participants in
6 decentralized networks enabled by distributed
7 ledger technologies;

8 (G) human-centric design approaches to
9 make distributed ledger technologies and their
10 applications more usable and accessible;

11 (H) use cases for distributed ledger tech-
12 nologies across various industry sectors and gov-
13 ernment, including applications pertaining to—

14 (i) digital identity, including trusted
15 identity and identity management;

16 (ii) digital property rights;

17 (iii) delivery of public services;

18 (iv) supply chain transparency;

19 (v) medical information management;

20 (vi) inclusive financial services;

21 (vii) community governance;

22 (viii) charitable giving;

23 (ix) public goods funding;

24 (x) digital credentials;

25 (xi) regulatory compliance;

1 (xii) *infrastructure resilience, includ-*
2 *ing against natural disasters; and*

3 (xiii) *peer-to-peer transactions; and*

4 (I) *the social, behavioral, and economic im-*
5 *plications associated with the growth of applica-*
6 *tions of distributed ledger technologies, including*
7 *decentralization in business, financial, and eco-*
8 *nomie systems.*

9 (2) *ACCELERATING INNOVATION.—The Director*
10 *of the National Science Foundation shall consider*
11 *continuing to support startups that are in need of*
12 *funding, would develop in and contribute to the econ-*
13 *omy of the United States, leverage distributed ledger*
14 *technologies, have the potential to positively benefit*
15 *society, and have the potential for commercial viabil-*
16 *ity, through programs like the Small Business Inno-*
17 *vation Research program, the Small Business Tech-*
18 *nology Transfer program, and, as appropriate, other*
19 *programs that promote broad and diverse participa-*
20 *tion.*

21 (3) *CONSIDERATION OF NATIONAL DISTRIBUTED*
22 *LEDGER TECHNOLOGY RESEARCH AND DEVELOPMENT*
23 *STRATEGY.—In making awards under paragraph (1),*
24 *the Director of the National Science Foundation shall*

1 *take into account the national strategy, as described*
2 *in subsection (b)(4).*

3 (4) *FUNDAMENTAL RESEARCH.*—*The Director of*
4 *the National Science Foundation shall consider con-*
5 *tinuing to make awards supporting fundamental re-*
6 *search in areas related to distributed ledger tech-*
7 *nologies and their applications, such as applied cryp-*
8 *tography and distributed systems.*

9 (d) *DISTRIBUTED LEDGER TECHNOLOGY APPLIED RE-*
10 *SEARCH PROJECT.*—

11 (1) *APPLIED RESEARCH PROJECT.*—*Subject to*
12 *the availability of appropriations, the Director of the*
13 *National Institute of Standards and Technology, may*
14 *carry out an applied research project to study and*
15 *demonstrate the potential benefits and unique capa-*
16 *bilities of distributed ledger technologies.*

17 (2) *ACTIVITIES.*—*In carrying out the applied re-*
18 *search project, the Director of the National Institute*
19 *of Standards and Technology shall—*

20 (A) *identify potential applications of dis-*
21 *tributed ledger technologies, including those that*
22 *could benefit activities at the Department of*
23 *Commerce or at other Federal agencies, consid-*
24 *ering applications that could—*

1 (i) improve the privacy and interoper-
2 ability of digital identity and access man-
3 agement solutions;

4 (ii) increase the integrity and trans-
5 parency of supply chains through the secure
6 and limited sharing of relevant supplier in-
7 formation;

8 (iii) facilitate increased interoper-
9 ability across healthcare information sys-
10 tems and consumer control over the move-
11 ment of their medical data;

12 (iv) facilitate broader participation in
13 distributed ledger technologies of popu-
14 lations historically underrepresented in
15 technology, business, and financial sectors;
16 or

17 (v) be of benefit to the public or private
18 sectors, as determined by the Director in
19 consultation with relevant stakeholders;

20 (B) solicit and provide the opportunity for
21 public comment relevant to potential projects;

22 (C) consider, in the selection of a project,
23 whether the project addresses a pressing need not
24 already addressed by another organization or
25 Federal agency;

1 (D) establish plans to mitigate potential
2 risks, including those outlined in subsection
3 (b)(1)(B)(ii), if applicable, of potential projects;

4 (E) produce an example solution leveraging
5 distributed ledger technologies for 1 of the appli-
6 cations identified in subparagraph (A);

7 (F) hold a competitive process to select pri-
8 vate sector partners, if they are engaged, to sup-
9 port the implementation of the example solution;

10 (G) consider hosting the project at the Na-
11 tional Cybersecurity Center of Excellence; and

12 (H) ensure that cybersecurity best practices
13 consistent with the Cybersecurity Framework of
14 the National Institute of Standards and Tech-
15 nology are demonstrated in the project.

16 (3) *BRIEFINGS TO CONGRESS.*—Not later than 1
17 year after the date of enactment of this Act, the Direc-
18 tor of the National Institute of Standards and Tech-
19 nology shall offer a briefing to the relevant congres-
20 sional committees on the progress and current find-
21 ings from the project under this subsection.

22 (4) *PUBLIC REPORT.*—Not later than 12 months
23 after the completion of the project under this sub-
24 section, the Director of the National Institute of

1 *Standards and Technology shall make public a report*
2 *on the results and findings from the project.*

3 **SEC. 5805. COMMERCIAL AIR WAIVER FOR NEXT OF KIN RE-**
4 **GARDING TRANSPORTATION OF REMAINS OF**
5 **CASUALTIES.**

6 *Section 580A of the National Defense Authorization*
7 *Act for Fiscal Year 2020 (Public Law 116–92) is amended*
8 *by adding at the end the following:*

9 “(c) *TRANSPORTATION OF DECEASED MILITARY MEM-*
10 *BER.—In the event of a death that requires the Secretary*
11 *concerned to provide a death benefit under subchapter II*
12 *of chapter 75 of title 10, United States Code, such Secretary*
13 *shall provide the next of kin or other appropriate person*
14 *a commercial air travel use waiver for the transportation*
15 *of deceased remains of military member who dies outside*
16 *of the United States.”.*

Amend the title so as to read: “A bill to authorize appropriations for fiscal year 2023 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.”.

Union Calendar No. 305

117TH CONGRESS
2^D SESSION

H. R. 7900

[Report No. 117-397]

A BILL

To authorize appropriations for fiscal year 2023 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

JULY 1, 2022

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed