

118TH CONGRESS  
1ST SESSION

# H. R. 1048

To develop pilot grant programs through the Environmental Protection Agency to research and collect data on aircraft and airport noise and emissions and to use such information and data to develop a mitigation strategy, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 14, 2023

Mr. SMITH of Washington introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committee on Transportation and Infrastructure, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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## A BILL

To develop pilot grant programs through the Environmental Protection Agency to research and collect data on aircraft and airport noise and emissions and to use such information and data to develop a mitigation strategy, 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 “Aviation Noise and  
5 Emissions Mitigation Act”.

1 **SEC. 2. NOISE AND AIR QUALITY MONITORING AND RE-**  
2 **SEARCH GRANT PROGRAM.**

3 (a) IN GENERAL.—Not later than 180 days after the  
4 date of enactment of this Act, the Administrator of the  
5 Environmental Protection Agency in consultation with  
6 Secretary of Transportation and other relevant Federal  
7 agencies determined by the Administrator, shall establish  
8 a 3-year pilot grant program with eligible entities to meas-  
9 ure noise and emissions, including greenhouse gases, par-  
10 ticulate matter, ultrafine particles, and air toxics, in com-  
11 munities near airports or air flight pathways using sophis-  
12 ticated methods and technology that allow tracing of noise  
13 and emissions to specific sources such as aircraft and air-  
14 port related noise and emissions near such communities,  
15 including identifying specific neighborhoods, structures, or  
16 areas impacted by such noise and emissions.

17 (b) GRANT ACTIVITIES.—Recipients of grants under  
18 subsection (a) shall—

19 (1) use technology capable of producing data  
20 that can be used for wedge analysis to decipher the  
21 sources of noise and emissions so communities may  
22 better understand the primary contributors of noise  
23 and emissions;

24 (2) make every reasonable effort to establish a  
25 program that can be easily replicated across the  
26 country with the goal of ongoing data collection and

1 monitoring in areas near airports or air flight path-  
2 ways;

3 (3) produce neighborhood and ZIP Code-level  
4 data for a designated area to be used to determine  
5 or predict the level and impact of noise and emis-  
6 sions on certain neighborhoods and ZIP Codes of  
7 such area, and to identify frontline and dispropor-  
8 tionately impacted communities;

9 (4) coordinate and regularly communicate with  
10 the local clean air agency (or agencies, if applicable),  
11 local public health departments, local metropolitan  
12 planning organizations, Indian Tribal governments,  
13 community based organizations, and other local gov-  
14 ernment, State government, or non-profit entities as  
15 the grantee determines useful to the project;

16 (5) work with community-based organizations,  
17 some of which may be selected for a grant under  
18 section 2, to assist in developing a mitigation abate-  
19 ment strategy for communities, neighborhoods, or  
20 areas impacted by aircraft or airport noise and emis-  
21 sions;

22 (6) establish a clear plan for disseminating the  
23 data and results of the program on an regular basis;  
24 and



1 tion Agency, in consultation with the Department of  
2 Health and Human Services, Department of Transpor-  
3 tation, or other relevant Federal agencies as determined  
4 by the Administrator, shall establish a pilot grant program  
5 to mitigate aircraft or airport noise and emissions, and  
6 their impacts, in communities near airports and air flight  
7 pathways.

8 (b) GRANT REQUIREMENTS.—

9 (1) PRIORITY.—The Administrator shall  
10 prioritize and provide guidance and technical assist-  
11 ance to applicants applications that—

12 (A) focus on communities found to be dis-  
13 proportionately impacted by aviation noise or  
14 emissions identified in the research produced  
15 under the section 1 grant;

16 (B) primarily benefit disadvantaged com-  
17 munities and communities with a higher preva-  
18 lence of diseases associated with environmental  
19 exposures; and

20 (C) demonstrate community support and  
21 involvement from affected communities in their  
22 proposed program.

23 (2) ELIGIBILITY.—To be eligible to receive a  
24 grant under this section, an applicant shall be a  
25 local community-based non-profit organization, a

1 consortium of community-based non-profit organiza-  
2 tions from a community that participated in the  
3 noise and emissions monitoring program under sec-  
4 tion 1, a local public health department, or a local  
5 or Indian Tribal government. If the recipient is a  
6 public health department or local or Indian Tribal  
7 government, the recipient shall demonstrate commu-  
8 nity support for the program and how it plans to  
9 partner with at least 1 non-profit community-based  
10 organization.

11 (3) MITIGATION STRATEGY.—An applicant shall  
12 demonstrate in its application how the—

13 (A) research conducted under section 1 in-  
14 forms its proposed project design;

15 (B) proposed project addresses environ-  
16 mental or health disparities and the needs and  
17 concerns of affected communities, disadvan-  
18 taged communities, or other communities facing  
19 environmental justice concerns, including how  
20 the applicant used the Climate and Economic  
21 Justice Screening Tool or other similar environ-  
22 mental justice mapping tool to effectively target  
23 mitigation strategies;

24 (C) applicant incorporated input from af-  
25 fected communities in its proposed program,

1 demonstrated community support for the pro-  
2 posed program, and has established a written  
3 plan detailing how the applicant will maintain  
4 ongoing engagement with the affected commu-  
5 nities; and

6 (D) applicant intends to partner or coordi-  
7 nate with relevant local organizations, govern-  
8 ment entities, and service providers such as  
9 local public health departments, Indian Tribal  
10 governments, community health centers, and  
11 local education authorities, depending on the  
12 mitigation plan.

13 (4) USE OF FUNDS.—Funds under the grant  
14 program shall be used to mitigate the impacts of air-  
15 craft or airport noise and emissions on communities  
16 near airports or air flight pathways, including estab-  
17 lishing 1 or more of the following:

18 (A) Noise mitigation packages that may  
19 include weatherization, retrofitting, or energy  
20 efficiency upgrades that have noise reduction,  
21 environmental, or health benefits for house-  
22 holds, schools, or other facilities, prioritizing  
23 low-income households and low-resourced com-  
24 munities and facilities, and structures that are

1 less likely to be eligible for other similar Fed-  
2 eral resources.

3 (B) Programs to promote environmental  
4 and public health services in impacted commu-  
5 nities, including programs that address the dis-  
6 proportionate effects of climate change on envi-  
7 ronmental justice communities.

8 (C) Health care services and environmental  
9 and public health interventions that address un-  
10 derlying impacts from airport noise and pollu-  
11 tion on health and quality of life, especially in  
12 children, vulnerable populations, disadvantaged  
13 communities, and communities of color.

14 (5) DURATION.—A grant under this section  
15 shall be not less than 3 years and not more than 5  
16 years as determined appropriate by the Adminis-  
17 trator.

18 (c) REPORTING REQUIREMENTS.—

19 (1) AFTER 1ST YEAR.—One year after the  
20 awarding of grants under this section, and annually  
21 thereafter, the Administrator shall submit a report  
22 to the Committees on Energy and Commerce and  
23 Transportation and Infrastructure of the House of  
24 Representatives and the Committees on Environ-  
25 ment and Public Works and Commerce, Science, and



1 Transportation of the Senate on the activities of the  
2 grant programs to include—

3 (A) the services provided and their tar-  
4 geted beneficiaries (including households,  
5 schools, other facilities, children, adults, sen-  
6 iors);

7 (B) the steps taken by the grantee to en-  
8 gage the public and impacted communities dur-  
9 ing execution of the grant;

10 (C) a breakdown of the areas served under  
11 the grant and if and how such areas align with  
12 locations identified under section 1; and

13 (D) aggregate information about the com-  
14 munities, households, and individuals benefit-  
15 ting from the services provided under the grant,  
16 including a breakdown of the demographic in-  
17 formation and socioeconomic status of individ-  
18 uals and households.

19 (2) AFTER 3D YEAR.—Three years after award-  
20 ing of the first grant under this section, the agency  
21 shall submit a report to the congressional commit-  
22 tees referred to in paragraph (1) to include—

23 (A) an assessment of the grant program’s  
24 ability to meet its goal of mitigating airport and  
25 aviation noise and emissions;

1 (B) potential lessons learned to inform fu-  
2 ture efforts to address the impacts of noise and  
3 emissions in communities near airports and air  
4 flight pathways; and

5 (C) a review of how levels and impact of  
6 noise and pollution from airports and air flight  
7 pathways can be incorporated into the Climate  
8 and Economic Justice Screening Tool or other  
9 similar environmental justice mapping tool used  
10 by the Government.

11 (3) INPUT IN REPORT.—The report under this  
12 subsection shall be completed with input from grant-  
13 ees and affected communities.

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