

106TH CONGRESS
1ST SESSION

H. R. 1551

To authorize the Federal Aviation Administration's civil aviation research and development programs for fiscal years 2000 and 2001, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 26, 1999

Mrs. MORELLA introduced the following bill; which was referred to the
Committee on Science

A BILL

To authorize the Federal Aviation Administration's civil aviation research and development programs for fiscal years 2000 and 2001, 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 “Civil Aviation Research
5 and Development Authorization Act of 1999”.

6 **SEC. 2. AUTHORIZATION OF APPROPRIATIONS.**

7 Section 48102(a) of title 49, United States Code, is
8 amended—

1 (1) by striking “and” at the end of paragraph
2 (4)(J);

3 (2) by striking the period at the end of para-
4 graph (5) and inserting in lieu thereof a semicolon;
5 and

6 (3) by adding at the end the following:

7 “(6) for fiscal year 2000, \$646,038,400
8 including—

9 “(A) \$17,269,000 for system development
10 and infrastructure projects and activities;

11 “(B) \$48,021,500 for capacity and air
12 traffic management technology projects and ac-
13 tivities;

14 “(C) \$18,939,200 for communications,
15 navigation, and surveillance projects and activi-
16 ties;

17 “(D) \$15,765,000 for weather projects and
18 activities;

19 “(E) \$7,215,700 for airport technology
20 projects and activities;

21 “(F) \$39,639,000 for aircraft safety tech-
22 nology projects and activities;

23 “(G) \$53,218,000 for system security tech-
24 nology projects and activities;

1 “(H) \$26,207,000 for human factors and
2 aviation medicine projects and activities;

3 “(I) \$3,481,000 for environment and en-
4 ergy projects and activities;

5 “(J) \$2,171,000 for innovative/cooperative
6 research projects and activities, of which
7 \$750,000 shall be for carrying out subsection
8 (h) of this section;

9 “(K) \$266,712,000 for En Route research
10 and development projects and activities;

11 “(L) \$58,900,000 for Terminal research
12 and development projects and activities;

13 “(M) \$3,000,000 for Flight Services re-
14 search and development projects and activities;

15 “(N) \$69,200,000 for Landing and Navi-
16 gation research and development projects and
17 activities; and

18 “(O) \$16,300,000 for Equipment and Fa-
19 cilities research and development projects and
20 activities; and

21 “(7) for fiscal year 2001, \$673,706,795.”.

1 **SEC. 3. BUDGET DESIGNATION FOR RESEARCH AND DEVEL-**
2 **OPMENT ACTIVITIES.**

3 Section 48102 of title 49, United States Code, is
4 amended by inserting after subsection (f) the following
5 new subsection:

6 “(g) DESIGNATION OF ACTIVITIES.—(1) The
7 amounts appropriated under subsection (a) are for the
8 support of all research and development activities carried
9 out by the Federal Aviation Administration that fall with-
10 in the categories of basic research, applied research, and
11 development, including the design and development of pro-
12 totypes, in accordance with the classifications of the Office
13 of Management and Budget Circular A–11 (Budget For-
14 mulation/Submission Process).

15 “(2) The Department of Transportation’s annual
16 budget request for the Federal Aviation Administration
17 shall identify all of the activities carried out by the Admin-
18 istration within the categories of basic research, applied
19 research, and development, as classified by the Office of
20 Management and Budget Circular A–11. Each activity in
21 the categories of basic research, applied research, and de-
22 velopment shall be identified regardless of the budget cat-
23 egory in which it appears in the budget request.”.

24 **SEC. 4. NATIONAL AVIATION RESEARCH PLAN.**

25 Section 44501(c) of title 49, United States Code, is
26 amended—

1 (1) in paragraph (2)(B)—

2 (A) by striking “and” at the end of clause

3 (iii);

4 (B) by striking the period at the end of

5 clause (iv) and inserting in lieu thereof “; and”;

6 and

7 (C) by adding at the end the following new

8 clause:

9 “(v) highlight the research and development

10 technology transfer activities that promote tech-

11 nology sharing among government, industry, and

12 academia through the Stevenson-Wydler Technology

13 Innovation Act of 1980.”; and

14 (2) in paragraph (3), by inserting “The report

15 shall be prepared in accordance with requirements of

16 section 1116 of title 31, United States Code.” after

17 “effect for the prior fiscal year.”.

18 **SEC. 5. INTEGRATED SAFETY RESEARCH PLAN.**

19 (a) REQUIREMENT.—Not later than March 1, 2000,

20 the Administrator of the National Aeronautics and Space

21 Administration and the Administrator of the Federal

22 Aviation Administration shall jointly prepare and transmit

23 to the Congress an integrated civil aviation safety research

24 and development plan.

1 (b) CONTENTS.—The plan required by subsection (a)
2 shall include—

3 (1) an identification of the respective research
4 and development requirements, roles, and respon-
5 sibilities of the National Aeronautics and Space Ad-
6 ministration and the Federal Aviation Administra-
7 tion;

8 (2) formal mechanisms for the timely sharing of
9 information between the National Aeronautics and
10 Space Administration and the Federal Aviation Ad-
11 ministration, including a requirement that the FAA-
12 NASA Coordinating Committee established in 1980
13 meet at least twice a year; and

14 (3) procedures for increased communication and
15 coordination between the Federal Aviation Adminis-
16 tration research advisory committee established
17 under section 44508 of title 49, United States Code,
18 and the NASA Aeronautics and Space Transpor-
19 tation Technology Advisory Committee, including a
20 proposal for greater cross-membership between those
21 2 advisory committees.

22 **SEC. 6. ELIGIBILITY FOR AWARDS.**

23 (a) IN GENERAL.—The Administrator of the Federal
24 Aviation Administration shall exclude from consideration
25 for grant agreements made by that Administration with

1 funds appropriated pursuant to the amendments made by
2 this Act any person who received funds, other than those
3 described in subsection (b), appropriated for a fiscal year
4 after fiscal year 1999, under a grant agreement from any
5 Federal funding source for a project that was not sub-
6 jected to a competitive, merit-based award process. Any
7 exclusion from consideration pursuant to this subsection
8 shall be effective for a period of 5 years after the person
9 receives such Federal funds.

10 (b) EXCEPTION.—Subsection (a) shall not apply to
11 the receipt of Federal funds by a person due to the mem-
12 bership of that person in a class specified by law for which
13 assistance is awarded to members of the class according
14 to a formula provided by law.

15 (c) DEFINITION.—For purposes of this section, the
16 term “grant agreement” means a legal instrument whose
17 principal purpose is to transfer a thing of value to the
18 recipient to carry out a public purpose of support or stim-
19 ulation authorized by a law of the United States, and does
20 not include the acquisition (by purchase, lease, or barter)
21 of property or services for the direct benefit or use of the
22 United States Government. Such term does not include
23 a cooperative agreement (as such term is used in section
24 6305 of title 31, United States Code) or a cooperative re-
25 search and development agreement (as such term is de-

1 fined in section 12(d)(1) of the Stevenson-Wydler Tech-
2 nology Innovation Act of 1980 (15 U.S.C. 3710a(d)(1))).

3 **SEC. 7. NOTICE.**

4 (a) NOTICE OF REPROGRAMMING.—If any funds au-
5 thorized by the amendments made by this Act are subject
6 to a reprogramming action that requires notice to be pro-
7 vided to the Appropriations Committees of the House of
8 Representatives and the Senate, notice of such action shall
9 concurrently be provided to the Committees on Science
10 and Transportation and Infrastructure of the House of
11 Representatives and the Committee on Commerce,
12 Science, and Transportation of the Senate.

13 (b) NOTICE OF REORGANIZATION.—The Adminis-
14 trator of the Federal Aviation Administration shall provide
15 notice to the Committees on Science, Transportation and
16 Infrastructure, and Appropriations of the House of Rep-
17 resentatives, and the Committees on Commerce, Science,
18 and Transportation and Appropriations of the Senate, not
19 later than 15 days before any major reorganization of any
20 program, project, or activity of the Federal Aviation Ad-
21 ministration for which funds are authorized by the amend-
22 ments made by this Act.

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