

FAA Authorizations & Appropriations For 1994-96

PHOTOCOPY
PRESERVATION

103D CONGRESS
1ST SESSION

H. R. 2820

To authorize appropriations for the Federal Aviation Administration for fiscal years 1994, 1995, and 1996 for research, engineering, and development to increase the efficiency and safety of air transport.

IN THE HOUSE OF REPRESENTATIVES

AUGUST 2, 1993

Mr. VALENTINE introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To authorize appropriations for the Federal Aviation Administration for fiscal years 1994, 1995, and 1996 for research, engineering, and development to increase the efficiency and safety of air transport.

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 "Federal Aviation Ad-
5 ministration Research, Engineering, and Development Au-
6 thorization Act of 1994, 1995, and 1996".

1 **SEC. 2. AVIATION RESEARCH AUTHORIZATION OF APPRO-**
2 **RIATIONS.**

3 Section 506(b)(2) of the Airport and Airway Im-
4 provement Act of 1982 (49 U.S.C. App. 2205(b)(2)) is
5 amended by striking subparagraph (A) and all that follows
6 through the end of the paragraph and inserting the
7 following:

8 “(A) for fiscal year 1994—

9 “(i) \$13,498,000 solely for manage-
10 ment and analysis projects and activities;

11 “(ii) \$76,939,000 solely for capacity
12 and air traffic management technology
13 projects and activities;

14 “(iii) \$35,675,000 solely for commu-
15 nications, navigation, and surveillance
16 projects and activities;

17 “(iv) \$1,908,000 solely for weather
18 projects and activities;

19 “(v) \$7,509,000 solely for airport
20 technology projects and activities;

21 “(vi) \$40,175,000 solely for aircraft
22 safety technology projects and activities;

23 “(vii) \$35,430,000 solely for system
24 security technology projects and activities;

1 “(viii) \$27,756,000 solely for human
2 factors and aviation medicine projects and
3 activities;

4 “(ix) \$5,385,000 for environment and
5 energy projects and activities; and

6 “(x) \$5,725,000 for innovative/cooper-
7 ative research projects and activities, of
8 which \$1,000,000 shall be available for the
9 establishment of a new Aviation Center of
10 Excellence;

11 “(B) for fiscal year 1995—

12 “(i) \$14,847,000 solely for manage-
13 ment and analysis projects and activities;

14 “(ii) \$84,000,000 solely for capacity
15 and air traffic management technology
16 projects and activities;

17 “(iii) \$39,242,000 solely for commu-
18 nications, navigation, and surveillance
19 projects and activities;

20 “(iv) \$2,098,000 solely for weather
21 projects and activities;

22 “(v) \$8,260,000 solely for airport
23 technology projects and activities;

24 “(vi) \$44,192,000 solely for aircraft
25 safety technology projects and activities;

1 “(vii) \$39,523,000 solely for system
2 security technology projects and activities;

3 “(viii) \$31,716,000 solely for human
4 factors and aviation medicine projects and
5 activities;

6 “(ix) \$5,923,000 for environment and
7 energy projects and activities; and

8 “(x) \$5,199,000 for innovative/cooper-
9 ative research projects and activities; and

10 “(C) for fiscal year 1996—

11 “(i) \$16,332,000 solely for manage-
12 ment and analysis projects and activities;

13 “(ii) \$92,402,000 solely for capacity
14 and air traffic management technology
15 projects and activities;

16 “(iii) \$43,167,000 solely for commu-
17 nications, navigation, and surveillance
18 projects and activities;

19 “(iv) \$2,307,000 solely for weather
20 projects and activities;

21 “(v) \$9,086,000 solely for airport
22 technology projects and activities;

23 “(vi) \$48,611,000 solely for aircraft
24 safety technology projects and activities;

1 “(vii) \$43,475,000 solely for system
2 security technology projects and activities;

3 “(viii) \$34,887,000 solely for human
4 factors and aviation medicine projects and
5 activities;

6 “(ix) \$6,515,000 environment and en-
7 ergy projects and activities; and

8 “(x) \$5,718,000 for innovative/cooper-
9 ative research projects and activities.

10 “Not less than 15 percent of the amount appropriated
11 pursuant to this paragraph shall be for long-term research
12 projects, and not less than 3 percent of the amount appro-
13 priated under this paragraph shall be available to the Ad-
14 ministrator for making grants under section 312(g) of the
15 Federal Aviation Act of 1958.”.

16 **SEC. 3. JOINT AVIATION RESEARCH AND DEVELOPMENT**
17 **PROGRAM.**

18 (a) **ESTABLISHMENT.**—The Administrator and the
19 heads of other appropriate Federal agencies shall jointly
20 establish a program to conduct research on aviation tech-
21 nologies that enhance United States competitiveness. The
22 program shall include—

23 (1) next-generation satellite communications,
24 including global positioning satellites;

25 (2) advances airport and airplane security;

1 (3) environmentally compatible technologies, in-
2 cluding technologies that limit or reduce noise and
3 air pollution;

4 (4) advanced aviation safety programs; and

5 (5) technologies and procedures to enhance and
6 improve airport and airway capacity.

7 (b) PROCEDURES FOR CONTRACTS AND GRANTS.—

8 The Administrator and the heads of the other appropriate
9 Federal agencies shall administer contracts and grants en-
10 tered into under the program established under subsection
11 (a) in accordance with procedures developed jointly by the
12 Administrator and the heads of the other appropriate Fed-
13 eral agencies. The procedures should include an integrated
14 acquisition policy for contract and grant requirements and
15 for technical data rights that are not an impediment to
16 joint programs among the Federal Aviation Administra-
17 tion, the other Federal agencies involved, and industry.

18 (c) PROGRAM ELEMENTS.—The program established
19 under subsection (a) shall include—

20 (1) selected programs that jointly enhance pub-
21 lic and private aviation technology development;

22 (2) an opportunity for private contractors to be
23 involved in such technology research and develop-
24 ment; and

- 1 (3) the transfer of Government-developed tech-
- 2 nologies to the private sector to promote economic
- 3 strength and competitiveness.

○

III. H.R. 2820, the Federal Aviation Administration Research, Engineering, and Development Authorization Act of 1994, 1995, and 1996 - [REPORTED as "H.R. 2820, the Federal Aviation Administration Research, Engineering, and Development Authorization Act of 1993" AS AMENDED BY VOICE VOTE]

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FYI - letter
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<u>No.</u>	<u>Sponsor</u>	<u>Description</u>	<u>Results</u>
1.	Mr. Valentine	Short title	Adopted, voice vote
2.	Mr. Walker	Requiring funds for joint aviation research and development program to be derived from funds authorized for aviation research under section 2	Adopted, voice vote
3.	Mr. Grams	Limitation on Appropriations	Adopted, voice vote
4.*	Mr. Traficant	Buy American requirements	*Amendments #4 and #5 offered en bloc by Mr. Traficant were adopted, as modified, by voice vote
5.*	Mr. Traficant	Buy American requirements	
6.	Messrs. Lewis, Valentine, and Hoke	Cabin Air Quality Research Program	Adopted, as amended by the Hoke amendment, by voice vote
7.	Mr. Hoke	Clarifying amendment	Adopted, as modified, by voice vote

AMENDMENT TO H.R. 2820
OFFERED BY MR. VALENTINE

①
Adopted
V.V.

Page 1, lines 3 through 6, strike section 1 and insert the following:

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the "Federal Aviation Ad-
3 ministration Research, Engineering, and Development Au-
4 thorization Act of 1993".

AMENDMENT TO H.R. 2820
OFFERED BY MR. WALKER

②
Adopted, V.V.

Page 7, after line 3, at the end of section 3,
add the following new subsection:

1 (d) AUTHORIZATION OF APPROPRIATIONS.—Of
2 amounts authorized to be appropriated for fiscal years
3 1994, 1995, and 1996 under section 506(b)(2) of the Air-
4 port and Airway Improvement Act of 1982 (49 U.S.C.
5 App. 2205(b)(2)), as amended by section 2 of this Act,
6 there are authorized to be appropriated for fiscal years
7 1994, 1995, and 1996, respectively, such sums as may be
8 necessary to carry out this section.

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*Adopted, V.V.***AMENDMENT TO H.R. 2820****OFFERED BY MR. GRAMS**

Page 7, after line 3, add the following new section:

1 **SEC. 4. LIMITATION ON APPROPRIATIONS.**

2 Notwithstanding any other provision of this Act, no
3 funds are authorized to be appropriated for any fiscal year
4 after fiscal year 1996 for carrying out the programs for
5 which funds are authorized by this Act, or by the amend-
6 ments made by this Act.

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AMENDMENT TO H.R. 2820
OFFERED BY MR. TRAFICANT

(4)

4 & 5
adopted, on the
as modified
by V.V.

Page 1, after line 3, add the following new section:

1 SEC. 4. USE OF DOMESTIC PRODUCTS.

2 (a) PROHIBITION AGAINST FRAUDULENT USE OF
3 "MADE IN AMERICA" LABELS.—(1) A person shall not
4 intentionally affix a label bearing the inscription of "Made
5 in America", or any inscription with that meaning, to any
6 product sold in or shipped to the United States, if that
7 product is not a domestic product.

8 (2) A person who violates paragraph (1) shall not be
9 eligible for any contract for a procurement carried out
10 with amounts authorized under this Act, including any
11 subcontract under such a contract pursuant to the debar-
12 ment, suspension, and ineligibility procedures in subpart
13 9.4 of chapter 1 of title 48, Code of Federal Regulations,
14 or any successor procedures thereto.

15 (b) COMPLIANCE WITH BUY AMERICAN ACT.—(1)

16 Except as provided in paragraph (2), the head of each of-
17 fice within the ~~National Oceanic and Atmospheric Admin-~~
18 ~~istration~~ *Federal Aviation Administration* that conducts procurements shall ensure that
19 such procurements are conducted in compliance with sec-
20 tions 2 through 4 of the Act of March 3, 1933 (41 U.S.C.

— // —

1 10a through 10c, popularly known as the "Buy American
2 Act").

3 (2) This subsection shall apply only to procurements
4 made for which—

5 (A) amounts are authorized by this Act to be
6 made available; and

7 (B) solicitations for bids are issued after the
8 date of the enactment of this Act.

9 (3) The Secretary, before January 1, 1995, shall re-
10 port to the Congress on procurements covered under this
11 subsection of products that are not domestic products.

12 (c) DEFINITIONS.—For the purposes of this section,
13 the term "domestic product" means a product—

14 (1) that is manufactured or produced in the
15 United States; and

16 (2) at least 50 percent of the cost of the arti-
17 cles, materials, or supplies of which are mined, pro-
18 duced, or manufactured in the United States.

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(5)

AMENDMENT TO H.R. 2820
OFFERED BY MR. TRAFICANT

Page 7, after line 3, add the following new section:

1 **SEC. 4. PURCHASE OF AMERICAN MADE EQUIPMENT AND**
2 **PRODUCTS.**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that any recipient of a grant under this Act, or
5 under any amendment made by this Act, should purchase,
6 when available and cost-effective, American made equip-
7 ment and products when expending grant monies.

8 (b) NOTICE TO RECIPIENTS OF ASSISTANCE.—In al-
9 locating grants under this Act, or under any amendment
10 made by this Act, the Secretary shall provide to each re-
11 cipient a notice describing the statement made in sub-
12 section (a) by the Congress.

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6

AMENDMENT TO H.R. 2820
OFFERED BY MR. LEWIS OF FLORIDA AND MR.
VALENTINE *and*
Mr. Hoke

Adopted, as
amended by
the Hoke
amendment, by
V.V.

Page 7, after line 3, add the following new section:

1 SEC. 4 AIRCRAFT CABIN AIR QUALITY RESEARCH PRO-
2 GRAM.

3 (a) ESTABLISHMENT.—The Administrator of the
4 Federal Aviation Administration (in this Act referred to
5 as the "Administrator") and the heads of other appro-
6 priate Federal agencies shall establish a research program
7 to determine—

8 (1) what, if any, aircraft cabin air conditions *on*
9 flights within the United States are harmful to the
10 health of airline passengers and crew, as indicated
11 by physical symptoms such as headaches, nausea, fa-
12 tigue, and lightheadedness; and

13 (2) the risk of airline passengers and crew con-
14 tracting infectious diseases during flight.

15 (b) CONTRACT WITH INDEPENDENT RESEARCH OR-
16 GANIZATION.—In carrying out the research program es-
17 tablished under subsection (a), the Administrator and the
18 heads of the other appropriate Federal agencies shall con-
19 tract with an independent research organization to carry

, including
pressure
altitude
systems,

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1 out any studies necessary to meet the goals of the program
2 set forth in subsection (c).

3 (c) GOALS.—The goals of the research program es-
4 tablished under subsection (a) shall be—

5 (1) to determine what, if any, cabin air condi-
6 tions currently exist on domestic aircraft used for
7 flights within the United States that could be harm-
8 ful to the health of airline passengers and crew, as
9 indicated by physical symptoms such as headaches,
10 nausea, fatigue, and lightheadedness, and including
11 the risk of infection by bacteria and viruses;

12 (2) to determine to what extent, changes in,
13 cabin air pressure, temperature, rate of cabin air
14 circulation, the quantity of fresh air per occupant,
15 and humidity on current domestic aircraft would re-
16 duce or eliminate the risk of illness or discomfort to
17 airline passengers and crew; and

18 (3) to establish a long-term research program
19 to examine potential health problems to airline pas-
20 sengers and crew that may arise in an airplane cabin
21 on a flight within the United States because of cabin
22 air quality as a result of the conditions and changes
23 described in paragraphs (1) and (2).

24 (d) PARTICIPATION.—In carrying out the research
25 program established under subsection (a), the Adminis-

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1 trator shall encourage participation in the program by rep-
2 resentatives of aircraft manufacturers, air carriers, avia-
3 tion employee organizations, airline passengers, and aca-
4 demia.

5 (e) REPORT.—(1) Within 6 months after the date of
6 enactment of this Act, the Administrator shall submit to
7 the Congress a plan for implementation of the research
8 program established under subsection (a).

9 (2) The Administrator shall annually submit to the
10 Congress a report on the progress made during the year
11 for which the report is submitted toward meeting the goals
12 set forth in subsection (c).

13 (f) AUTHORIZATION OF APPROPRIATIONS.—Of
14 amounts authorized to be appropriated for fiscal years
15 1994, 1995, and 1996 under section 506(b)(2) of the Air-
16 port and Airway Improvement Act of 1982 (49 U.S.C.
17 App. 2205(b)(2)), as amended by section 2 of this Act,
18 there are authorized to be appropriated for fiscal years
19 1994, 1995, and 1996, respectively, such sums as may be
20 necessary to carry out this section.

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Amendment to Lewis Amendment
Offered by Mr. Hoke

Page 1, line 8, after "conditions" add
", including pressure altitude," *systems*

7
*Adopted,
as modified,
by V.V.*