

110TH CONGRESS  
1ST SESSION

# H. R. 2684

To authorize an independent review of the Federal Aviation Administration's aviation safety-related research programs, and in particular those programs related to air traffic control and runway safety, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JUNE 12, 2007

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

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## A BILL

To authorize an independent review of the Federal Aviation Administration's aviation safety-related research programs, and in particular those programs related to air traffic control and runway safety, 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 “FAA Aviation Safety  
5       Research Assessment Act of 2007”.

6       **SEC. 2. DEFINITIONS.**

7       In this Act, the following definitions apply:

4 (2) FAA.—The term “FAA” means the Fed-  
5 eral Aviation Administration.

8 SEC. 3. REVIEW OF FAA'S AVIATION SAFETY-RELATED RE-  
9 SEARCH PROGRAMS.

(1) the programs have well-defined, prioritized,  
and appropriate research objectives;

(3) the programs have allocated appropriate resources to each of the research objectives; and

1 (b) AVIATION SAFETY-RELATED RESEARCH PRO-  
2 GRAMS TO BE ASSESSED.—The FAA aviation safety-re-  
3 lated research programs to be assessed under the review  
4 shall include, at a minimum, the following:

5 (1) Air traffic control/technical operations  
6 human factors.

7 (2) Runway incursion reduction.

8 (3) Flightdeck/maintenance system integration  
9 human factors.

10 (4) Airports technology research—safety.

11 (5) Airport cooperative research program—safe-  
12 ty.

13 (6) Weather program.

14 (7) Atmospheric hazards/digital system safety.

15 (8) Fire research and safety.

16 (9) Propulsion and fuel systems.

17 (10) Advanced materials/structural safety.

18 (11) Aging aircraft.

19 (12) Aircraft catastrophic failure prevention re-  
20 search.

21 (13) Aeromedical research.

22 (14) Aviation safety risk analysis.

23 (15) Unmanned aircraft systems research.

24 (16) Safe flight 21—Alaska Capstone.

1       (c) REPORT.—Not later than 14 months after the  
2 date of enactment of this Act, the Administrator shall sub-  
3 mit to the Committee on Science and Technology of the  
4 House of Representatives and the Committee on Com-  
5 merce, Science, and Transportation of the Senate a report  
6 on the results of the review.

7 **SEC. 4. AUTHORIZATION OF APPROPRIATIONS.**

8       There is authorized to be appropriated to carry out  
9 this Act \$700,000 for fiscal year 2008.

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