

air transportation excellence, universities, corporations, associations, consumers, and other departments, agencies, and instrumentalities of the United States Government are represented.

(2) The Administrator shall designate the chairman of the committee.

(3) A member of the committee serves without pay. However, the Administrator may allow a member, when attending meetings of the committee or a subordinate committee, expenses as authorized under section 5703 of title 5.

(c) SUPPORT STAFF, INFORMATION, AND SERVICES.—The Administrator shall provide support staff for the committee. On request of the committee, the Administrator shall provide information, administrative services, and supplies that the Administrator considers necessary for the committee to carry out its duties and powers.

(d) NONAPPLICATION.—Section 1013 of title 5 does not apply to the committee.

(e) USE AND LIMITATION OF AMOUNTS.—(1) Not more than .1 percent of the amounts made available to conduct research under sections 44504, 44505, 44507, 44511–44513, and 44912 of this title may be used by the Administrator to carry out this section.

(2) A limitation on amounts available for obligation by or for the committee does not apply to amounts made available to carry out this section.

(f) WRITTEN REPLY.—

(1) IN GENERAL.—Not later than 60 days after receiving any recommendation from the research advisory committee, the Administrator shall provide a written reply to the research advisory committee that, at a minimum—

(A) clearly states whether the Administrator accepts or rejects the recommendation;

(B) explains the rationale for the Administrator's decision;

(C) sets forth the timeframe in which the Administrator will implement the recommendation; and

(D) describes the steps the Administrator will take to implement the recommendation.

(2) TRANSPARENCY.—The written reply to the research advisory committee, when transmitted to the research advisory committee, shall be—

(A) made publicly available on the research advisory committee website; and

(B) transmitted to the Committee on Science, Space, and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.

(3) NATIONAL AVIATION RESEARCH PLAN.—The national aviation research plan required under section 44501(c) shall include a summary of all research advisory committee recommendations and a description of the status of their implementation.

(Pub. L. 103–272, §1(e), July 5, 1994, 108 Stat. 1180; Pub. L. 104–264, title XI, §1104, Oct. 9, 1996, 110 Stat. 3279; Pub. L. 115–254, div. B, title VII, §712, Oct. 5, 2018, 132 Stat. 3410; Pub. L. 117–286, §4(a)(313), Dec. 27, 2022, 136 Stat. 4340; Pub. L. 118–63, title XI, §1101(D), May 16, 2024, 138 Stat. 1414.)

## HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44508(a)(1) ..	49 App.:1353(f)(1), (2).	Aug. 23, 1958, Pub. L. 85–726, 72 Stat. 731, §312(f); added Nov. 3, 1988, Pub. L. 100–591, §6, 102 Stat. 3013; Nov. 5, 1990, Pub. L. 101–508, §9209(b), 104 Stat. 1388–377.
44508(a)(2) ..	49 App.:1353(f)(6) (last sentence).	
44508(b) .....	49 App.:1353(f)(3)–(5).	
44508(c) .....	49 App.:1353(f)(6) (1st sentence), (7).	
44508(d) .....	49 App.:1353(f)(8).	
44508(e) .....	49 App.:1353(f)(9).	

In subsection (a)(1), before clause (A), the words “There is a” are substituted for “Not later than 180 days after November 3, 1988, the Administrator shall establish” to eliminate obsolete words. In clause (C), the words “operations of” are substituted for “research and training to be carried out by” for consistency with section 44513 of the revised title.

In subsection (a)(2), the words “to the advisory committee” are omitted as surplus.

In subsection (b)(1), the words “departments, agencies, and instrumentalities” are substituted for “agencies” for consistency in the revised title and with other titles of the United States Code.

In subsection (b)(3), the words “travel or transportation” are omitted as surplus.

In subsection (e), the words “for fiscal years beginning after September 30, 1988” are omitted as obsolete.

## Editorial Notes

## AMENDMENTS

2024—Subsecs. (a)(1)(A), (2), (e)(1). Pub. L. 118–63 struck out “40119,” after “under sections”.

2022—Subsec. (d). Pub. L. 117–286 substituted “Section 1013 of title 5” for “Section 14 of the Federal Advisory Committee Act (5 App. U.S.C.)”.

2018—Subsec. (a)(1)(A). Pub. L. 115–254, §712(a), amended subpar. (A) generally. Prior to amendment, subpar. (A) read as follows: “provide advice and recommendations to the Administrator of the Federal Aviation Administration about needs, objectives, plans, approaches, content, and accomplishments of the aviation research program carried out under sections 40119, 44504, 44505, 44507, 44511–44513, and 44912 of this title;”.

Subsec. (f). Pub. L. 115–254, §712(b), added subsec. (f).

1996—Subsec. (a)(1)(D). Pub. L. 104–264 added subpar. (D).

## Statutory Notes and Related Subsidiaries

## EFFECTIVE DATE OF 1996 AMENDMENT

Except as otherwise specifically provided, amendment by Pub. L. 104–264 applicable only to fiscal years beginning after Sept. 30, 1996, and not to be construed as affecting funds made available for a fiscal year ending before Oct. 1, 1996, see section 3 of Pub. L. 104–264, set out as a note under section 106 of this title.

## § 44509. Demonstration projects

The Secretary of Transportation may carry out under this chapter demonstration projects that the Secretary considers necessary for research and development activities under this chapter.

(Pub. L. 103–272, §1(e), July 5, 1994, 108 Stat. 1181.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44509 .....	49 App.:2205(b)(1).	Sept. 3, 1982, Pub. L. 97-248, § 506(b)(1), 96 Stat. 678; re-stated Dec. 30, 1987, Pub. L. 100-223, § 105(b)(1), 101 Stat. 1490.

**[§ 44510. Repealed. Pub. L. 118-63, title IV, § 401(a), May 16, 2024, 138 Stat. 1148]**

Section, Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1181, related to airway science curriculum grants.

**§ 44511. Aviation research grants**

(a) GENERAL AUTHORITY.—The Administrator of the Federal Aviation Administration may make grants to institutions of higher education and nonprofit research organizations to conduct aviation research in areas the Administrator considers necessary for the long-term growth of civil aviation.

(b) APPLICATIONS.—An institution of higher education or nonprofit research organization interested in receiving a grant under this section may submit an application to the Administrator. The application must be in the form and contain the information the Administrator requires.

(c) SOLICITATION, REVIEW, AND EVALUATION PROCESS.—The Administrator shall establish a solicitation, review, and evaluation process that ensures—

(1) providing grants under this section for proposals having adequate merit and relevancy to the mission of the Administration;

(2) a fair geographical distribution of grants under this section; and

(3) the inclusion of historically black institutions of higher education and other minority nonprofit research organizations for grant consideration under this section.

(d) RECORDS.—Each person receiving a grant under this section shall maintain records that the Administrator requires as being necessary to facilitate an effective audit and evaluation of the use of money provided under the grant.

(e) ANNUAL REPORT.—The Administrator shall submit an annual report to the Committee on Science of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate on carrying out this section.

(f) AIRPORT COOPERATIVE RESEARCH PROGRAM.—

(1) ESTABLISHMENT.—The Secretary of Transportation shall maintain an airport cooperative research program to—

(A) identify problems that are shared by airport operating agencies and can be solved through applied research but that are not being adequately addressed by existing Federal research programs; and

(B) fund research to address those problems.

(2) GOVERNANCE.—The Secretary of Transportation shall appoint an independent governing board for the research program established under this subsection. The governing board shall be appointed from candidates nomi-

inated by national associations representing public airport operating agencies, airport executives, State aviation officials, and the scheduled airlines, and shall include representatives of appropriate Federal agencies. Section 1013 of title 5 shall not apply to the governing board.

(3) IMPLEMENTATION.—The Secretary of Transportation shall enter into an arrangement with the National Academy of Sciences to provide staff support to the governing board established under paragraph (2) and to carry out projects proposed by the governing board that the Secretary considers appropriate.

(4) REPORT.—Not later than September 30, 2012, the Secretary shall transmit to the Congress a report on the program.

(Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1181; Pub. L. 104-287, §5(74), Oct. 11, 1996, 110 Stat. 3396; Pub. L. 108-176, title VII, §712, Dec. 12, 2003, 117 Stat. 2586; Pub. L. 112-95, title IX, §906, Feb. 14, 2012, 126 Stat. 139; Pub. L. 117-286, §4(a)(314), Dec. 27, 2022, 136 Stat. 4340.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44511 .....	49 App.:1353(g).	Aug. 23, 1958, Pub. L. 85-726, 72 Stat. 731, §312(g); added Nov. 5, 1990, Pub. L. 101-508, §9205(a), 104 Stat. 1388-373.

In this section, the words “institutions of higher education” and “institution of higher education” are substituted for “colleges, universities”, “university, college”, and “colleges and universities” for consistency in the revised title.

In subsection (c), the words “providing grants” are substituted for “the funding”, the word “grants” is substituted for “grant funds”, and the words “grant consideration” are substituted for “funding consideration”, for consistency in the revised title.

In subsection (d), the words “money provided under the grant” are substituted for “grant funds” for consistency.

**Editorial Notes**

AMENDMENTS

2022—Subsec. (f)(2). Pub. L. 117-286 substituted “Section 1013 of title 5” for “Section 14 of the Federal Advisory Committee Act”.

2012—Subsec. (f)(1). Pub. L. 112-95, §906(1), substituted “maintain an” for “establish a 4-year pilot” in introductory provisions.

Subsec. (f)(4). Pub. L. 112-95, §906(2), substituted “Not later than September 30, 2012,” for “Not later than 6 months after the expiration of the program under this subsection,” and “program” for “program, including recommendations as to the need for establishing a permanent airport cooperative research program”.

2003—Subsec. (f). Pub. L. 108-176 added subsec. (f).

1996—Subsec. (e). Pub. L. 104-287 substituted “Committee on Science” for “Committee on Science, Space, and Technology”.

**Statutory Notes and Related Subsidiaries**

CHANGE OF NAME

Committee on Science of House of Representatives changed to Committee on Science and Technology of House of Representatives by House Resolution No. 6, One Hundred Tenth Congress, Jan. 5, 2007. Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Tech-