

Subsec. (f)(4). Pub. L. 115-141, §108(2)(B), added par. (4).

2016—Subsec. (f). Pub. L. 114-190 added subsec. (f).

2012—Subsecs. (d), (e). Pub. L. 112-95 added subsec. (d) and redesignated former subsec. (d) as (e).

1996—Subsec. (d). Pub. L. 104-287 substituted “Transportation and Infrastructure” for “Public Works and Transportation”.

### Statutory Notes and Related Subsidiaries

#### NOTIFICATION OF VACANCIES

Pub. L. 114-190, title II, §2106(b), July 15, 2016, 130 Stat. 622, provided that: “The Administrator of the Federal Aviation Administration shall consider directly notifying secondary schools and institutions of higher learning, including Historically Black Colleges and Universities, Hispanic-serving institutions, Minority Institutions, and Tribal Colleges and Universities, of a vacancy announcement under section 44506(f)(1)(B)(iii) of title 49, United States Code.”

#### AIR TRAFFIC CONTROLLER STAFFING INITIATIVES AND ANALYSIS

Pub. L. 112-95, title II, §224, Feb. 14, 2012, 126 Stat. 55, provided that: “As soon as practicable, and not later than 1 year after the date of enactment of this Act [Feb. 14, 2012], the Administrator of the Federal Aviation Administration shall—

“(1) ensure, to the extent practicable, a sufficient number of contract instructors, classroom space (including off-site locations as needed), and simulators to allow for an increase in the number of air traffic controllers at air traffic control facilities;

“(2) distribute, to the extent practicable, the placement of certified professional air traffic controllers-in-training and developmental air traffic controllers at facilities evenly across the calendar year in order to avoid training bottlenecks;

“(3) initiate an analysis, to be conducted in consultation with the exclusive bargaining representative of air traffic controllers certified under section 7111 of title 5, United States Code, of scheduling processes and practices, including overtime scheduling practices at those facilities;

“(4) provide, to the extent practicable and where appropriate, priority to certified professional air traffic controllers-in-training when filling staffing vacancies at facilities;

“(5) assess training programs at air traffic control facilities with below-average success rates to determine if training is being carried out in accordance with Administration standards, and conduct exit interview analyses with all candidates to determine potential weaknesses in training protocols, or in the execution of such training protocols; and

“(6) prioritize, to the extent practicable, such efforts to address the recommendations for the facilities identified in the Department of Transportation’s Office of the Inspector General Report Number: AV-2009-047.”

#### FACILITY TRAINING PROGRAM

Pub. L. 112-95, title VI, §609(b), Feb. 14, 2012, 126 Stat. 116, provided that: “Not later than 1 year after the date of enactment of this Act [Feb. 14, 2012], the Administrator [of the Federal Aviation Administration] shall conduct a comprehensive review and evaluation of its Academy and facility training efforts. The Administrator shall—

“(1) clarify responsibility for oversight and direction of the Academy’s facility training program at the national level;

“(2) communicate information concerning that responsibility to facility managers; and

“(3) establish standards to identify the number of developmental air traffic controllers that can be accommodated at each facility, based on—

“(A) the number of available on-the-job training instructors;

“(B) available classroom space;

“(C) the number of available simulators;

“(D) training requirements; and

“(E) the number of recently placed new personnel already in training.”

#### CONTROLLER STAFFING

Pub. L. 116-6, div. G, title I, Feb. 15, 2019, 133 Stat. 401, provided in part: “That not later than March 31 of each fiscal year hereafter, the Administrator of the Federal Aviation Administration shall transmit to Congress an annual update to the report submitted to Congress in December 2004 pursuant to section 221 of Public Law 108-176 [set out below]”.

Similar provisions were contained in the following appropriation acts:

Pub. L. 116-260, div. L, title I, Dec. 27, 2020, 134 Stat. 1830.

Pub. L. 116-94, div. H, title I, Dec. 20, 2019, 133 Stat. 2940.

Pub. L. 115-141, div. L, title I, Mar. 23, 2018, 132 Stat. 977.

Pub. L. 115-31, div. K, title I, May 5, 2017, 131 Stat. 730.

Pub. L. 114-113, div. L, title I, Dec. 18, 2015, 129 Stat. 2839.

Pub. L. 113-235, div. K, title I, Dec. 16, 2014, 128 Stat. 2700.

Pub. L. 113-76, div. L, title I, Jan. 17, 2014, 128 Stat. 578.

Pub. L. 112-55, div. C, title I, Nov. 18, 2011, 125 Stat. 645.

Pub. L. 111-117, div. A, title I, Dec. 16, 2009, 123 Stat. 3039.

Pub. L. 111-8, div. I, title I, Mar. 11, 2009, 123 Stat. 918.

Pub. L. 110-161, div. K, title I, Dec. 26, 2007, 121 Stat. 2378.

Pub. L. 108-176, title II, §221, Dec. 12, 2003, 117 Stat. 2526, provided that:

“(a) ANNUAL REPORT.—Beginning with the submission of the Budget of the United States to the Congress for fiscal year 2005, the Administrator of the Federal Aviation Administration shall transmit a report to the Senate Committee on Commerce, Science, and Transportation and the House of Representatives Committee on Transportation and Infrastructure that describes the overall air traffic controller staffing plan, including strategies to address anticipated retirement and replacement of air traffic controllers.

“(b) HUMAN CAPITAL WORKFORCE STRATEGY.—

“(1) DEVELOPMENT.—The Administrator shall develop a comprehensive human capital workforce strategy to determine the most effective method for addressing the need for more air traffic controllers that is identified in the June 2002 report of the General Accounting Office [now Government Accountability Office].

“(2) COMPLETION DATE.—Not later than 1 year after the date of enactment of this Act [Dec. 12, 2003], the Administrator shall complete development of the strategy.

“(3) REPORT.—Not later than 30 days after the date on which the strategy is completed, the Administrator shall transmit to Congress a report describing the strategy.”

### § 44507. Regions and centers

(a) CIVIL AEROMEDICAL INSTITUTE.—The Civil Aeromedical Institute established by section 106(j) of this title may—

(1) conduct civil aeromedical research, including research related to—

(A) the protection and survival of aircraft occupants;

(B) medical accident investigation and airman medical certification;

(C) toxicology and the effects of drugs on human performance;

(D) the impact of disease and disability on human performance;

(E) vision and its relationship to human performance and equipment design;

(F) human factors of flight crews, air traffic controllers, mechanics, inspectors, airway facility technicians, and other individuals involved in operating and maintaining aircraft and air traffic control equipment; and

(G) agency work force optimization, including training, equipment design, reduction of errors, and identification of candidate tasks for automation;

(2) make comments to the Administrator of the Federal Aviation Administration on human factors aspects of proposed air safety regulations;

(3) make comments to the Administrator on human factors aspects of proposed training programs, equipment requirements, standards, and procedures for aviation personnel;

(4) advise, assist, and represent the Federal Aviation Administration in the human factors aspects of joint projects between the Administration and the National Aeronautics and Space Administration, other departments, agencies, and instrumentalities of the United States Government, industry, and governments of foreign countries; and

(5) provide medical consultation services to the Administrator about medical certification of airmen.

(b) WILLIAM J. HUGHES TECHNICAL CENTER.—The Secretary of Transportation shall define the roles and responsibilities of the William J. Hughes Technical Center in a manner that is consistent with the defined roles and responsibilities of the Civil Aeromedical Institute under subsection (a).

(Pub. L. 103–272, §1(e), July 5, 1994, 108 Stat. 1179; Pub. L. 115–254, div. B, title V, §524(a), Oct. 5, 2018, 132 Stat. 3363.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44507 .....	49 App.:1353(e).	Aug. 23, 1958, Pub. L. 85–726, 72 Stat. 731, §312(e); added Nov. 3, 1988, Pub. L. 100–591, §5(b), 102 Stat. 3013.

In clause (4), the words “departments, agencies, and instrumentalities of the United States Government” are substituted for “Government agencies” for consistency in the revised title and with other titles of the United States Code.

Editorial Notes

AMENDMENTS

2018—Pub. L. 115–254 substituted “Regions and centers” for “Civil aeromedical research” in section catchline, designated existing provisions as subsec. (a) and inserted heading, and added subsec. (b).

§ 44508. Research advisory committee

(a) ESTABLISHMENT AND DUTIES.—(1) There is a research advisory committee in the Federal Aviation Administration. The committee shall—

(A) provide advice and recommendations to the Administrator of the Federal Aviation Ad-

ministration and Congress about needs, objectives, plans, approaches, content, and accomplishments of all aviation research and development activities and programs carried out, including those under sections 40119,<sup>1</sup> 44504, 44505, 44507, 44511–44513, and 44912 of this title;

(B) assist in ensuring that the research is coordinated with similar research being conducted outside the Administration;

(C) review the operations of the regional centers of air transportation excellence established under section 44513 of this title; and

(D) annually review the allocation made by the Administrator of the amounts authorized by section 48102(a) of this title among the major categories of research and development activities carried out by the Administration and provide advice and recommendations to the Administrator on whether such allocation is appropriate to meet the needs and objectives identified under subparagraph (A).

(2) The Administrator may establish subordinate committees to provide advice on specific areas of research conducted under sections 40119,<sup>1</sup> 44504, 44505, 44507, 44511–44513, and 44912 of this title.

(b) MEMBERS, CHAIRMAN, PAY, AND EXPENSES.—(1) The committee is composed of not more than 30 members appointed by the Administrator from among individuals who are not employees of the Administration and who are specially qualified to serve on the committee because of their education, training, or experience. In appointing members of the committee, the Administrator shall ensure that the regional centers of 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 14 of the Federal Advisory Committee Act (5 App. U.S.C.) 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 40119,<sup>1</sup> 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.—

<sup>1</sup> See References in Text note below.