

of the quarter prior to June 17, 1994, based on which the amount of the allowance payments for such employee under subsection (a) are computed, the amount of the last quarterly retention allowance payment paid to such employee under the personnel demonstration project prior to June 17, 1994 shall, for purposes of paragraph (1), be deemed to be the amount of the allowance which would have been payable to such employee for such quarter under such project had such employee been in pay status throughout such quarter.

“(c) TERMINATION.—An employee’s entitlement to quarterly retention allowance payments under this section shall cease when—

“(1) the amount of such allowance is reduced to zero under subsection (b), or

“(2) the employee separates or moves to a position in which the employee would not, prior to June 17, 1994, have been entitled to receive an allowance under the demonstration project, whichever is earlier.

“(d) SPECIAL PAYMENT RULE.—The Administrator of the Federal Aviation Administration may make payment for the costs incurred under the program established by subsection (a) for the period between June 18, 1994, and September 30, 1994, following the end of the first full pay period that begins on or after October 1, 1994, subject to appropriations made available in fiscal year 1995.

“(e) STUDY OF RECRUITMENT AND RETENTION INCENTIVES.—The Administrator of the Federal Aviation Administration shall conduct a study of impediments that may exist to achieving appropriate air traffic controller staffing levels at hard-to-staff facilities. In conducting such study, the Administrator shall identify and evaluate the extent to which special incentives, of a financial or non-financial nature, could be useful in recruiting or retaining air traffic controllers at such facilities. The Administrator shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Public Works and Transportation of the House of Representatives not later than 180 days after the date of enactment of this Act [May 26, 1994] a report on (1) the results of such study, (2) planned administrative actions, and (3) any recommended legislation.”

§ 44503. Reducing nonessential expenditures

The Secretary of Transportation shall attempt to reduce the capital, operating, maintenance, and administrative costs of the national airport and airway system to the maximum extent practicable consistent with the highest degree of aviation safety. At least annually, the Secretary shall consult with and consider the recommendations of users of the system on ways to reduce nonessential expenditures of the United States Government for aviation. The Secretary shall give particular attention to a recommendation that may reduce, with no adverse effect on safety, future personnel requirements and costs to the Government required to be recovered from user charges.

(Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1176.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44503	49 App.:1704.	July 12, 1976, Pub. L. 94-353, §25, 90 Stat. 885.

The words “in accordance with this section” and “due” are omitted as surplus. The word “personnel” is substituted for “manpower” for consistency in the revised title.

§ 44504. Improved aircraft, aircraft engines, propellers, and appliances

(a) DEVELOPMENTAL WORK AND SERVICE TESTING.—The Administrator of the Federal Aviation Administration may conduct or supervise developmental work and service testing to improve aircraft, aircraft engines, propellers, and appliances.

(b) RESEARCH.—The Administrator shall conduct or supervise research—

(1) to develop technologies and analyze information to predict the effects of aircraft design, maintenance, testing, wear, and fatigue on the life of aircraft, including nonstructural aircraft systems, and air safety;

(2) to develop methods of analyzing and improving aircraft maintenance technology and practices, including nondestructive evaluation of aircraft structures;

(3) to assess the fire and smoke resistance of aircraft material;

(4) to develop improved fire and smoke resistant material for aircraft interiors;

(5) to develop and improve fire and smoke containment systems for inflight aircraft fires;

(6) to develop advanced aircraft fuels with low flammability and technologies that will contain aircraft fuels to minimize post-crash fire hazards;

(7) to develop technologies and methods to assess the risk of and prevent defects, failures, and malfunctions of products, parts, processes, and articles manufactured for use in aircraft, aircraft engines, propellers, and appliances that could result in a catastrophic failure of an aircraft; and

(8) in conjunction with other Federal agencies, as appropriate, to develop technologies and methods to assess the risk of and prevent defects, failures, and malfunctions of products, parts, and processes for use in all classes of unmanned aircraft systems that could result in a catastrophic failure of the unmanned aircraft that would endanger other aircraft in the national airspace system.

(c) AUTHORITY TO BUY ITEMS OFFERING SPECIAL ADVANTAGES.—In carrying out this section, the Administrator, by negotiation or otherwise, may buy or exchange experimental aircraft, aircraft engines, propellers, and appliances that the Administrator decides may offer special advantages to aeronautics.

(Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1176; Pub. L. 106-181, title IX, §904, Apr. 5, 2000, 114 Stat. 196; Pub. L. 112-95, title IX, §903(a), Feb. 14, 2012, 126 Stat. 138.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44504(a)	49 App.:1353(b) (1st sentence). 49 App.:1655(c)(1).	Aug. 23, 1958, Pub. L. 85-726, §312(b) (1st, last sentences), 72 Stat. 752. Oct. 15, 1966, Pub. L. 89-670, §6(c)(1), 80 Stat. 938; Jan. 12, 1983, Pub. L. 97-449, §7(b), 96 Stat. 2444.
44504(b)	49 App.:1353(b) (2d sentence).	Aug. 23, 1958, Pub. L. 85-726, 72 Stat. 731, §312(b) (2d sentence); added Nov. 3, 1988, Pub. L. 100-591, §2, 102 Stat. 3011; Nov. 5, 1990, Pub. L. 101-508, §9208(a), 104 Stat. 1388-376.