

Border Protection in the Department of Homeland Security, treated as if included in Pub. L. 107-296 as of Nov. 25, 2002, see section 211 of Title 6, as amended generally by Pub. L. 114-125, and section 802(b) of Pub. L. 114-125, set out as a note under section 211 of Title 6.

#### MAINTENANCE PROVIDERS

Pub. L. 112-95, title III, §319, Feb. 14, 2012, 126 Stat. 69, provided that:

“(a) REGULATIONS.—Not later than 3 years after the date of enactment of this Act [Feb. 14, 2012], the Administrator of the Federal Aviation Administration shall issue regulations requiring that covered work on an aircraft used to provide air transportation under part 121 of title 14, Code of Federal Regulations, be performed by persons in accordance with subsection (b).

“(b) PERSONS AUTHORIZED TO PERFORM CERTAIN WORK.—A person may perform covered work on aircraft used to provide air transportation under part 121 of title 14, Code of Federal Regulations, only if the person is employed by—

“(1) a part 121 air carrier;

“(2) a part 145 repair station or a person authorized under section 43.17 of title 14, Code of Federal Regulations (or any successor regulation); or

“(3) subject to subsection (c), a person that—

“(A) provides contract maintenance workers, services, or maintenance functions to a part 121 air carrier or part 145 repair station; and

“(B) meets the requirements of the part 121 air carrier or the part 145 repair station, as appropriate.

“(c) TERMS AND CONDITIONS.—Covered work performed by a person who is employed by a person described in subsection (b)(3) shall be subject to the following terms and conditions:

“(1) The applicable part 121 air carrier shall be directly in charge of the covered work being performed.

“(2) The covered work shall be carried out in accordance with the part 121 air carrier’s maintenance manual.

“(3) The person shall carry out the covered work under the supervision and control of the part 121 air carrier directly in charge of the covered work being performed on its aircraft.

“(d) DEFINITIONS.—In this section, the following definitions apply:

“(1) COVERED WORK.—The term ‘covered work’ means any of the following:

“(A) Essential maintenance that could result in a failure, malfunction, or defect endangering the safe operation of an aircraft if not performed properly or if improper parts or materials are used.

“(B) Regularly scheduled maintenance.

“(C) A required inspection item (as defined by the Administrator).

“(2) PART 121 AIR CARRIER.—The term ‘part 121 air carrier’ means an air carrier that holds a certificate issued under part 121 of title 14, Code of Federal Regulations.

“(3) PART 145 REPAIR STATION.—The term ‘part 145 repair station’ means a repair station that holds a certificate issued under part 145 of title 14, Code of Federal Regulations.

“(4) PERSON.—The term ‘person’ means an individual, firm, partnership, corporation, company, or association that performs maintenance, preventative maintenance, or alterations.”

#### § 44714. Aviation fuel standards

The Administrator of the Federal Aviation Administration shall prescribe—

(1) standards for the composition or chemical or physical properties of an aircraft fuel or fuel additive to control or eliminate aircraft emissions the Administrator of the Environmental Protection Agency decides under section 231 of the Clean Air Act (42 U.S.C. 7571) endanger the public health or welfare; and

(2) regulations providing for carrying out and enforcing those standards.

(Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1195.)

#### HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44714 .....	49 App.:1421(e).	Aug. 23, 1958, Pub. L. 85-726, 72 Stat. 731, §601(e); added Dec. 31, 1970, Pub. L. 91-604, §11(b)(1), 84 Stat. 1705; Nov. 9, 1977, Pub. L. 95-163, §15(b)(1), 91 Stat. 1283.

In this section, before clause (1), the words “and from time to time revise” are omitted as surplus. In clause (1), the words “establishing” and “the purpose of” are omitted as surplus.

#### Statutory Notes and Related Subsidiaries

##### AVIATION FUEL

Pub. L. 115-254, div. B, title V, §565, Oct. 5, 2018, 132 Stat. 3385, provided that:

“(a) USE OF UNLEADED AVIATION GASOLINE.—The Administrator [of the Federal Aviation Administration] shall allow the use of an unleaded aviation gasoline in an aircraft as a replacement for a leaded gasoline if the Administrator—

“(1) determines that the unleaded aviation gasoline qualifies as a replacement for an approved leaded gasoline;

“(2) identifies the aircraft and engines that are eligible to use the qualified replacement unleaded gasoline; and

“(3) adopts a process (other than the traditional means of certification) to allow eligible aircraft and engines to operate using qualified replacement unleaded gasoline in a manner that ensures safety.

“(b) TIMING.—The Administrator shall adopt the process described in subsection (a)(3) not later than 180 days after the later of—

“(1) the date on which the [Federal Aviation] Administration completes the Piston Aviation Fuels Initiative; or

“(2) the date on which the American Society for Testing and Materials publishes a production specification for an unleaded aviation gasoline.

“(c) TYPE CERTIFICATION.—Existing regulatory mechanisms by which an unleaded aviation gasoline can be approved for use in an engine or aircraft by Type or Supplemental Type Certificate for individual aircraft and engine types or by Approved Model List Supplemental Type Certificate providing coverage for a broad range of applicable types of aircraft or engines identified in the application shall continue to be fully available as a means of approving and bringing an unleaded aviation gasoline into general use in the United States. Such approvals shall be issued when the Administrator finds that the aircraft or engine performs properly and meets the applicable regulations and minimum standards under the normal certification process.”

#### § 44715. Controlling aircraft noise and sonic boom

(a) STANDARDS AND REGULATIONS.—(1)(A) To relieve and protect the public health and welfare from aircraft noise and sonic boom, the Administrator of the Federal Aviation Administration, as he deems necessary, shall prescribe—

(i) standards to measure aircraft noise and sonic boom; and

(ii) regulations to control and abate aircraft noise and sonic boom.

(B) The Administrator, as the Administrator deems appropriate, shall provide for the partici-

pation of a representative of the Environmental Protection Agency on such advisory committees or associated working groups that advise the Administrator on matters related to the environmental effects of aircraft and aircraft engines.

(2) The Administrator of the Federal Aviation Administration may prescribe standards and regulations under this subsection only after consulting with the Administrator of the Environmental Protection Agency. The standards and regulations shall be applied when issuing, amending, modifying, suspending, or revoking a certificate authorized under this chapter.

(3) An original type certificate may be issued under section 44704(a) of this title for an aircraft for which substantial noise abatement can be achieved only after the Administrator of the Federal Aviation Administration prescribes standards and regulations under this section that apply to that aircraft.

(b) CONSIDERATIONS AND CONSULTATION.—When prescribing a standard or regulation under this section, the Administrator of the Federal Aviation Administration shall—

(1) consider relevant information related to aircraft noise and sonic boom;

(2) consult with appropriate departments, agencies, and instrumentalities of the United States Government and State and interstate authorities;

(3) consider whether the standard or regulation is consistent with the highest degree of safety in air transportation or air commerce in the public interest;

(4) consider whether the standard or regulation is economically reasonable, technologically practicable, and appropriate for the applicable aircraft, aircraft engine, appliance, or certificate; and

(5) consider the extent to which the standard or regulation will carry out the purposes of this section.

(c) PROPOSED REGULATIONS OF ADMINISTRATOR OF ENVIRONMENTAL PROTECTION AGENCY.—The Administrator of the Environmental Protection Agency shall submit to the Administrator of the Federal Aviation Administration proposed regulations to control and abate aircraft noise and sonic boom (including control and abatement through the use of the authority of the Administrator of the Federal Aviation Administration) that the Administrator of the Environmental Protection Agency considers necessary to protect the public health and welfare. The Administrator of the Federal Aviation Administration shall consider those proposed regulations and shall publish them in a notice of proposed regulations not later than 30 days after they are received. Not later than 60 days after publication, the Administrator of the Federal Aviation Administration shall begin a hearing at which interested persons are given an opportunity for oral and written presentations. Not later than 90 days after the hearing is completed and after consulting with the Administrator of the Environmental Protection Agency, the Administrator of the Federal Aviation Administration shall—

(1) prescribe regulations as provided by this section—

(A) substantially the same as the proposed regulations submitted by the Administrator of the Environmental Protection Agency; or

(B) that amend the proposed regulations; or

(2) publish in the Federal Register—

(A) a notice that no regulation is being prescribed in response to the proposed regulations of the Administrator of the Environmental Protection Agency;

(B) a detailed analysis of, and response to, all information the Administrator of the Environmental Protection Agency submitted with the proposed regulations; and

(C) a detailed explanation of why no regulation is being prescribed.

(d) CONSULTATION AND REPORTS.—(1) If the Administrator of the Environmental Protection Agency believes that the action of the Administrator of the Federal Aviation Administration under subsection (c)(1)(B) or (2) of this section does not protect the public health and welfare from aircraft noise or sonic boom, consistent with the considerations in subsection (b) of this section, the Administrator of the Environmental Protection Agency shall consult with the Administrator of the Federal Aviation Administration and may request a report on the advisability of prescribing the regulation as originally proposed. The request, including a detailed statement of the information on which the request is based, shall be published in the Federal Register.

(2) The Administrator of the Federal Aviation Administration shall report to the Administrator of the Environmental Protection Agency within the time, if any, specified in the request. However, the time specified must be at least 90 days after the date of the request. The report shall—

(A) be accompanied by a detailed statement of the findings of the Administrator of the Federal Aviation Administration and the reasons for the findings;

(B) identify any statement related to an action under subsection (c) of this section filed under section 102(2)(C) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332(2)(C));

(C) specify whether and where that statement is available for public inspection; and

(D) be published in the Federal Register unless the request proposes specific action by the Administrator of the Federal Aviation Administration and the report indicates that action will be taken.

(e) SUPPLEMENTAL REPORTS.—The Administrator of the Environmental Protection Agency may request the Administrator of the Federal Aviation Administration to file a supplemental report if the report under subsection (d) of this section indicates that the proposed regulations under subsection (c) of this section, for which a statement under section 102(2)(C) of the Act (42 U.S.C. 4332(2)(C)) is not required, should not be prescribed. The supplemental report shall be published in the Federal Register within the time the Administrator of the Environmental Protection Agency specifies. However, the time specified must be at least 90 days after the date

of the request. The supplemental report shall contain a comparison of the environmental effects, including those that cannot be avoided, of the action of the Administrator of the Federal Aviation Administration and the proposed regulations of the Administrator of the Environmental Protection Agency.

(f) EXEMPTIONS.—An exemption from a standard or regulation prescribed under this section may be granted only if, before granting the exemption, the Administrator of the Federal Aviation Administration consults with the Administrator of the Environmental Protection Agency. However, if the Administrator of the Federal Aviation Administration finds that safety in air transportation or air commerce requires an exemption before the Administrator of the Environmental Protection Agency can be consulted, the exemption may be granted. The Administrator of the Federal Aviation Administration shall consult with the Administrator of the Environmental Protection Agency as soon as practicable after the exemption is granted.

(Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1196; Pub. L. 104-264, title IV, §406(a), Oct. 9, 1996, 110 Stat. 3257.)

#### HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
44715(a)(1), (2).	49 App.:1431(a), (b)(1) (1st sentence).	Aug. 23, 1958, Pub. L. 85-726, 72 Stat. 731, §611(a), (b), (d); added July 21, 1968, Pub. L. 90-411, §1, 82 Stat. 395; restated Oct. 27, 1972, Pub. L. 92-574, §7(b), 86 Stat. 1239, 1241.
44715(a)(3) .. 44715(b) ..... 44715(c) .....	49 App.:1431(b)(2). 49 App.:1431(d). 49 App.:1431(c)(1).	Aug. 23, 1958, Pub. L. 85-726, 72 Stat. 731, §611(c); added July 21, 1968, Pub. L. 90-411, §1, 82 Stat. 395; restated Oct. 27, 1972, Pub. L. 92-574, §7(b), 86 Stat. 1240; Nov. 8, 1978, Pub. L. 95-609, §3, 92 Stat. 3080.
44715(d) ..... 44715(e) ..... 44715(f) .....	49 App.:1431(c)(2). 49 App.:1431(c)(3). 49 App.:1431(b)(1) (last sentence).	

In subsection (a)(1), before clause (A), the text of 49 App.:1431(a) is omitted because the revised section identifies the appropriate Administrator each time the Administrator is mentioned. The words “present and future” and “and amend” are omitted as surplus. In clause (B), the words “as the FAA may find necessary to provide” are omitted as surplus.

In subsection (a)(2), the word “only” is added for clarity.

Subsection (a)(3) is substituted for 49 App.:1431(b)(2) to eliminate unnecessary words.

In subsection (b), before clause (1), the words “and amending” are omitted as surplus. In clause (1), the words “available . . . including the results of research, development, testing, and evaluation activities conducted pursuant to this chapter and the Department of Transportation Act” are omitted as surplus. In clause (2), the words “departments, agencies, and instrumentalities of the United States Government and State and interstate authorities” are substituted for “Federal, State, and interstate agencies” for consistency in the revised title and with other titles of the United States Code. The words “as he deems” are omitted as surplus. In clauses (3) and (4), the word “proposed” is omitted as surplus. In clause (4), the word “applicable” is substituted for “particular type of . . . to which it will apply” to eliminate unnecessary words. In clause (5), the words “contribute to” are omitted as surplus.

In subsection (c), before clause (1), the words “Not earlier than the date of submission of the report required by section 4906 of title 42” are omitted as executed. The words “regulatory . . . over air commerce or transportation or over aircraft or airport operations” and “submitted by the EPA under this paragraph” are omitted as surplus. The word “regulations” is substituted for “rulemaking” for consistency in the revised title. The words “after they are received” are substituted for “of the date of its submission to the FAA” to eliminate unnecessary words. The words “of data, views, and arguments” are omitted as surplus. In clause (1), the words “in accordance with subsection (b) of this section” are omitted because of the restatement. In clause (2)(B), the words “documentation or other” are omitted as surplus.

In subsection (d)(1), the words “listed” and “the FAA to review, and . . . to EPA . . . by EPA” are omitted as surplus.

In subsection (d)(2), before clause (A), the words “shall complete the review requested and” are omitted as surplus. In clause (B), the words “of the FAA” are omitted as surplus.

In subsection (e), the words “actually taken . . . in response to EPA’s proposed regulations” are omitted as surplus.

In subsection (f), the words “under any provision of this chapter” and “that . . . be granted” are omitted as surplus. The words “the exemption may be granted” are added for clarity.

#### Editorial Notes

##### AMENDMENTS

1996—Subsec. (a)(1). Pub. L. 104-264, which in directing the general amendment of par. (1) inserted an additional subsec. (a) designation and heading identical to the existing subsec. heading as well as restating the text of par. (1), was executed by restating the text only to reflect the probable intent of Congress. Prior to amendment, par. (1) read as follows: “To relieve and protect the public health and welfare from aircraft noise and sonic boom, the Administrator of the Federal Aviation Administration shall prescribe—

“(A) standards to measure aircraft noise and sonic boom; and

“(B) regulations to control and abate aircraft noise and sonic boom.”

#### 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.

#### § 44716. Collision avoidance systems

(a) DEVELOPMENT AND CERTIFICATION.—The Administrator of the Federal Aviation Administration shall—

(1) complete the development of the collision avoidance system known as TCAS-II so that TCAS-II can operate under visual and instrument flight rules and can be upgraded to the performance standards applicable to the collision avoidance system known as TCAS-III;

(2) develop and carry out a schedule for developing and certifying TCAS-II that will result in certification not later than June 30, 1989; and

(3) submit to Congress monthly reports on the progress being made in developing and certifying TCAS-II.