

STANDARDS FOR AIRCRAFT AND AIRCRAFT ENGINES TO REDUCE NOISE LEVELS

Pub. L. 106-181, title VII, §726, Apr. 5, 2000, 114 Stat. 167, as amended by Pub. L. 113-188, title XV, §1501(f), Nov. 26, 2014, 128 Stat. 2025, provided that:

“(a) DEVELOPMENT OF NEW STANDARDS.—The Secretary [of Transportation] shall continue to work to develop through the International Civil Aviation Organization new performance standards for aircraft and aircraft engines that will lead to a further reduction in aircraft noise levels.

“(b) GOALS TO BE CONSIDERED IN DEVELOPING NEW STANDARDS.—In negotiating standards under subsection (a), the Secretary shall give high priority to developing standards that—

“(1) are performance based and can be achieved by use of a full range of certifiable noise reduction technologies;

“(2) protect the useful economic value of existing Stage 3 aircraft in the United States fleet;

“(3) ensure that United States air carriers and aircraft engine and hushkit manufacturers are not competitively disadvantaged;

“(4) use dynamic economic modeling capable of determining impacts on all aircraft in service in the United States fleet; and

“(5) continue the use of a balanced approach to address aircraft environmental issues, taking into account aircraft technology, land use planning, economic feasibility, and airspace operational improvements.”

AIRCRAFT NOISE RESEARCH PROGRAM

Pub. L. 102-581, title III, §304, Oct. 31, 1992, 106 Stat. 4896, as amended by Pub. L. 109-155, title VII, §706(b), Dec. 30, 2005, 119 Stat. 2937, provided that:

“(a) ESTABLISHMENT.—The Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration shall jointly conduct a research program to develop new technologies for quieter subsonic jet aircraft engines and airframes.

“(b) GOAL.—The goal of the research program established by subsection (a) is to develop by the year 2010 technologies for subsonic jet aircraft engines and airframes which would permit a subsonic jet aircraft to operate at reduced noise levels.

“(c) PARTICIPATION.—In carrying out the program established by subsection (a), the Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration shall encourage the participation of representatives of the aviation industry and academia.

“(d) REPORT TO CONGRESS.—The Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration shall jointly submit to Congress, on an annual basis during the term of the program established by subsection (a), a report on the progress being made under the program toward meeting the goal described in subsection (b).”

§ 47509. Research program on quiet aircraft technology for propeller and rotor driven aircraft

(a) ESTABLISHMENT.—The Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration shall conduct a study to identify technologies for noise reduction of propeller driven aircraft and rotorcraft.

(b) GOAL.—The goal of the study conducted under subsection (a) is to determine the status of research and development now underway in the area of quiet technology for propeller driven aircraft and rotorcraft, including technology that is cost beneficial, and to determine whether

a research program to supplement existing research activities is necessary.

(c) PARTICIPATION.—In conducting the study required under subsection (a), the Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration shall encourage the participation of the Department of Defense, the Department of the Interior, the airtour industry, the aviation industry, academia and other appropriate groups.

(d) REPORT.—Not less than 280 days after August 23, 1994, the Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration shall transmit to Congress a report on the results of the study required under subsection (a).

(e) RESEARCH AND DEVELOPMENT PROGRAM.—If the Administrator of the Federal Aviation Administration and the Administrator of the National Aeronautics and Space Administration determine that additional research and development is necessary and would substantially contribute to the development of quiet aircraft technology, then the agencies shall conduct an appropriate research program in consultation with the entities listed in subsection (c) to develop safe, effective, and economical noise reduction technology (including technology that can be applied to existing propeller driven aircraft and rotorcraft) that would result in aircraft that operate at substantially reduced levels of noise to reduce the impact of such aircraft and rotorcraft on the resources of national parks and other areas.

(Added Pub. L. 103-305, title III, §308(a), Aug. 23, 1994, 108 Stat. 1593; amended Pub. L. 104-287, §5(86), Oct. 11, 1996, 110 Stat. 3398.)

AMENDMENTS

1996—Subsec. (d). Pub. L. 104-287 substituted “August 23, 1994” for “the date of the enactment of this section”.

§ 47510. Tradeoff allowance

Notwithstanding another law or a regulation prescribed or order issued under that law, the tradeoff provisions contained in appendix C of part 36 of title 14, Code of Federal Regulations, apply in deciding whether an aircraft complies with subpart I of part 91 of title 14.

(Added Pub. L. 103-429, §6(72)(A), Oct. 31, 1994, 108 Stat. 4387.)

HISTORICAL AND REVISION NOTES

Table with 3 columns: Revised Section, Source (U.S. Code), Source (Statutes at Large). Row 1: 47510, 49 App.:2125, Feb. 18, 1980, Pub. L. 96-193, §305, 94 Stat. 57.

The word “prescribed” is added for consistency in the revised title and with other titles of the United States Code. The words “subpart I of part 91” are substituted for “subpart E of part 91” because of the restatement of part 91. See 54 Fed. Reg. 34321 (Aug. 18, 1989).

§ 47511. CLEEN engine and airframe technology partnership

(a) IN GENERAL.—The Administrator of the Federal Aviation Administration shall enter