

CHAPTER 445 -- FACILITIES, PERSONNEL, AND RESEARCH

Sec.

- 44501. Plans and policy.
- 44502. General facilities and personnel authority.
- 44503. Reducing nonessential expenditures.
- 44504. Improved aircraft, aircraft engines, propellers, and appliances.
- 44505. Systems, procedures, facilities, and devices.
- 44506. Air traffic controllers.
- 44507. Civil aeromedical research.
- 44508. Research advisory committee.
- 44509. Demonstration projects.
- 44510. Airway science curriculum grants.
- 44511. Aviation research grants.
- 44512. Catastrophic failure prevention research grants.
- 44513. Regional centers of air transportation excellence.
- 44514. Flight service stations.
- 44515. Advanced training facilities for maintenance technicians for air carrier aircraft.

Sec. 44501. Plans and policy

(a) Long Range Plans and Policy Requirements. -- The Administrator of the Federal Aviation Administration shall make long range plans and policy for the orderly development and use of the navigable airspace, and the orderly development and location of air navigation facilities, that will best meet the needs of, and serve the interests of, civil aeronautics and the national defense, except for needs of the armed forces that are peculiar to air warfare and primarily of military concern.

(b) Airway Capital Investment Plan. -- The Administrator of the Federal Aviation Administration shall review, revise, and publish a national airways system plan, known as the Airway Capital Investment Plan, before the beginning of each fiscal year. The plan shall set forth --

(1) for a 10-year period, the research, engineering, and development programs and the facilities and equipment that the Administrator considers necessary for a system of airways, air traffic services, and navigation aids that will --

(A) meet the forecasted needs of civil aeronautics;

(B) meet the requirements that the Secretary of Defense establishes for the support of the national defense; and

(C) provide the highest degree of safety in air commerce;

(2) for the first and 2d years of the plan, detailed annual estimates of --

(A) the number, type, location, and cost of acquiring, operating, and maintaining required facilities and services;

(B) the cost of research, engineering, and development required to improve safety, system capacity, and efficiency; and

(C) personnel levels required for the activities described in subclauses (A) and (B) of this clause;

(3) for the 3d, 4th, and 5th years of the plan,

estimates of the total cost of each major program for the 3-year period, and additional major research programs, acquisition of systems and facilities, and changes in personnel levels that may be required to meet long range objectives and that may have significant impact on future funding requirements; and

(4) a 10-year investment plan that considers long range objectives that the Administrator considers necessary to --

(A) ensure that safety is given the highest priority in providing for a safe and efficient airway system; and

(B) meet the current and projected growth of aviation and the requirements of interstate commerce, the United States Postal Service, and the national defense.

(c) National Aviation Research Plan. -- (1) The Administrator of the Federal Aviation Administration shall prepare and publish annually a national aviation research plan and submit the plan to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science, Space, and Technology of the House of Representatives. The plan shall be submitted not later than the date of submission of the President's budget to Congress.

(2)(A) The plan shall describe, for a 15-year period, the research, engineering, and development that the Administrator of the Federal Aviation Administration considers necessary --

(i) to ensure the continued capacity, safety, and efficiency of aviation in the United States, considering emerging technologies and forecasted needs of civil aeronautics; and

(ii) to provide the highest degree of safety in air travel.

(B) The plan shall cover all research conducted under sections 40119, 44504, 44505, 44507, 44511-44513, and 44912 of this title and shall identify complementary and coordinated research efforts that the Administrator of the National Aeronautics and Space Administration conducts with amounts specifically appropriated to the Administration. For projects for which the Administrator of the Federal Aviation Administration anticipates requesting an appropriation, the plan shall include --

(i) for the first 2 years of the plan, detailed annual estimates of the schedule, cost, and work-force levels for each research project, including a description of the scope and content of each major contract, grant, or interagency agreement;

(ii) for the 3d, 4th, and 5th years of the plan, estimates of the total cost of each major project and any additional major research projects that may be required to meet long-term objectives and that may have significant impact on future appropriations requirements;

(iii) for the 6th and subsequent years of the plan, the long-term objectives the Administrator of the Federal Aviation Administration considers necessary to ensure that aviation safety will be given the highest priority; and

(iv) details of a program to disseminate to the private sector the results of aviation research conducted by the

Administrator of the Federal Aviation Administration, including any new technologies developed.

(3) Subject to section 40119(b) of this title and regulations prescribed under section 40119(b), the Administrator of the Federal Aviation Administration shall submit to the committees named in paragraph (1) of this subsection an annual report on the accomplishments of the research completed during the prior fiscal year. The report shall be submitted with the plan required under paragraph (1) and be organized to allow comparison with the plan in effect for the prior fiscal year.

Sec. 44502. General facilities and personnel authority

(a) General Authority. -- (1) The Administrator of the Federal Aviation Administration may --

(A) acquire, establish, improve, operate, and maintain air navigation facilities; and

(B) provide facilities and personnel to regulate and protect air traffic.

(2) The cost of site preparation work associated with acquiring, establishing, or improving an air navigation facility under paragraph (1)(A) of this subsection shall be charged to amounts available for that purpose appropriated under section 48101(a) of this title. The Secretary of Transportation may make an agreement with an airport owner or sponsor (as defined in section 47102 of this title) so that the owner or sponsor will provide the work and be paid or reimbursed by the Secretary from the appropriated amounts.

(3) The Secretary of Transportation may authorize a department, agency, or instrumentality of the United States Government to carry out any duty or power under this subsection with the consent of the head of the department, agency, or instrumentality.

(b) Certification of Necessity. -- Except for Government money expended under this part or for a military purpose, money may be expended to acquire, establish, construct, operate, repair, alter, or maintain an air navigation facility only if the Administrator of the Federal Aviation Administration certifies in writing that the facility is reasonably necessary for use in air commerce or for the national defense. An interested person may apply for a certificate for a facility to be acquired, established, constructed, operated, repaired, altered, or maintained by or for the person.

(c) Ensuring Conformity With Plans and Policies. -- (1) To ensure that conformity with plans and policies for, and allocation of, airspace by the Administrator of the Federal Aviation Administration under section 40103(b)(1) of this title, a military airport, military landing area, or missile or rocket site may be acquired, established, or constructed, or a runway may be altered substantially, only if the Administrator of the Federal Aviation Administration is given reasonable prior notice so that the Administrator of the Federal Aviation Administration may advise the appropriate committees of Congress and interested departments, agencies, and instrumentalities of the Government on the effect of the acquisition, establishment, construction, or alteration on the use of airspace by aircraft. A disagreement between the Administrator of the Federal Aviation Administration and the Secretary of Defense or the Administrator of the

National Aeronautics and Space Administration may be appealed to the President for a final decision.

(2) To ensure conformity, an airport or landing area not involving the expenditure of Government money may be established or constructed, or a runway may be altered substantially, only if the Administrator of the Federal Aviation Administration is given reasonable prior notice so that the Administrator may provide advice on the effects of the establishment, construction, or alteration on the use of airspace by aircraft.

(d) Public Use and Emergency Assistance. -- (1) The head of a department, agency, or instrumentality of the Government having jurisdiction over an air navigation facility owned or operated by the Government may provide, under regulations the head of the department, agency, or instrumentality prescribes, for public use of the facility.

(2) The head of a department, agency, or instrumentality of the Government having jurisdiction over an airport or emergency landing field owned or operated by the Government may provide, under regulations the head of the department, agency, or instrumentality prescribes, for assistance, and the sale of fuel, oil, equipment, and supplies, to an aircraft, but only when necessary, because of an emergency, to allow the aircraft to continue to the nearest airport operated by private enterprise. The head of the department, agency, or instrumentality shall provide for the assistance and sale at the prevailing local fair market value as determined by the head of the department, agency, or instrumentality. An amount that the head decides is equal to the cost of the assistance provided and the fuel, oil, equipment, and supplies sold shall be credited to the appropriation from which the cost was paid. The balance shall be credited to miscellaneous receipts.

(e) Consent of Congress. -- Congress consents to a State making an agreement, not in conflict with a law of the United States, with another State to develop or operate an airport facility.

(f) Transfers of Instrument Landing Systems. -- An airport may transfer, without consideration, to the Administrator of the Federal Aviation Administration an instrument landing system (and associated approach lighting equipment and runway visual range equipment) that conforms to performance specifications of the Administrator if a Government airport aid program, airport development aid program, or airport improvement project grant was used to assist in purchasing the system. The Administrator shall accept the system and operate and maintain it under criteria of the Administrator.

Sec. 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.

Sec. 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 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; and

(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.

(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.

Sec. 44505. Systems, procedures, facilities, and devices

(a) General Requirements. -- (1) The Administrator of the Federal Aviation Administration shall --

(A) develop, alter, test, and evaluate systems, procedures, facilities, and devices, and define their performance characteristics, to meet the needs for safe and efficient navigation and traffic control of civil and military aviation, except for needs of the armed forces that are peculiar to air warfare and primarily of military concern; and

(B) select systems, procedures, facilities, and devices that will best serve those needs and promote maximum coordination of air traffic control and air defense systems.

(2) The Administrator may make contracts to carry out this subsection without regard to section 3324(a) and (b) of title 31.

(3) When a substantial question exists under paragraph (1) of this subsection about whether a matter is of primary concern to the armed forces, the Administrator shall decide whether the

Administrator or the Secretary of the appropriate military department has responsibility. The Administrator shall be given technical information related to each research and development project of the armed forces that potentially applies to, or potentially conflicts with, the common system to ensure that potential application to the common system is considered properly and that potential conflicts with the system are eliminated.

(b) Research on Human Factors and Simulation Models. -- The Administrator shall conduct or supervise research --

(1) to develop a better understanding of the relationship between human factors and aviation accidents and between human factors and air safety;

(2) to enhance air traffic controller, mechanic, and flight crew performance;

(3) to develop a human-factor analysis of the hazards associated with new technologies to be used by air traffic controllers, mechanics, and flight crews;

(4) to identify innovative and effective corrective measures for human errors that adversely affect air safety; and

(5) to develop dynamic simulation models of the air traffic control system and airport design and operating procedures that will provide analytical technology --

(A) to predict airport and air traffic control safety and capacity problems;

(B) to evaluate planned research projects; and

(C) to test proposed revisions in airport and air traffic control operations programs.

(c) Research on Developing and Maintaining a Safe and Efficient System. --

The Administrator shall conduct or supervise research on --

(1) airspace and airport planning and design;

(2) airport capacity enhancement techniques;

(3) human performance in the air transportation environment;

(4) aviation safety and security;

(5) the supply of trained air transportation personnel, including pilots and mechanics; and

(6) other aviation issues related to developing and maintaining a safe and efficient air transportation system.

Sec. 44506. Air traffic controllers

(a) Research on Effect of Automation on Performance. -- To develop the means necessary to establish appropriate selection criteria and training methodologies for the next generation of air traffic controllers, the Administrator of the Federal Aviation Administration shall conduct research to study the effect of automation on the performance of the next generation of air traffic controllers and the air traffic control system. The research shall include investigating --

(1) methods for improving and accelerating future air traffic controller training through the application of advanced training techniques, including the use of simulation technology;

(2) the role of automation in the air traffic control system and its physical and psychological effects on air traffic controllers;

(3) the attributes and aptitudes needed to function well in a highly automated air traffic control system and the development of appropriate testing methods for identifying individuals with those attributes and aptitudes;

(4) innovative methods for training potential air traffic controllers to enhance the benefits of automation and maximize the effectiveness of the air traffic control system; and

(5) new technologies and procedures for exploiting automated communication systems, including Mode S Transponders, to improve information transfers between air traffic controllers and aircraft pilots.

(b) Research on Human Factor Aspects of Automation. -- The Administrators of the Federal Aviation Administration and National Aeronautics and Space Administration may make an agreement for the use of the National Aeronautics and Space Administration's unique human factor facilities and expertise in conducting research activities to study the human factor aspects of the highly automated environment for the next generation of air traffic controllers. The research activities shall include investigating --

(1) human perceptual capabilities and the effect of computer-aided decision making on the workload and performance of air traffic controllers;

(2) information management techniques for advanced air traffic control display systems; and

(3) air traffic controller workload and performance measures, including the development of predictive models.

(c) Collegiate Training Initiative. -- (1) The Administrator of the Federal Aviation Administration may maintain the Collegiate Training Initiative program by making new agreements and continuing existing agreements with institutions of higher education (as defined by the Administrator) under which the institutions prepare students for the position of air traffic controller with the Department of Transportation (as defined in section 2109 of title 5). The Administrator may establish standards for the entry of institutions into the program and for their continued participation.

(2)(A) The Administrator of the Federal Aviation Administration may appoint an individual who has successfully completed a course of training in a program described in paragraph (1) of this subsection to the position of air traffic controller noncompetitively in the excepted service (as defined in section 2103 of title 5). An individual appointed under this paragraph serves at the pleasure of the Administrator, subject to section 7511 of title 5. However, an appointment under this paragraph may be converted from one in the excepted service to a career conditional or career appointment in the competitive civil service (as defined in section 2102 of title 5) when the individual achieves full performance level air traffic controller status, as decided by the Administrator.

(B) The authority under subparagraph (A) of this paragraph to make appointments in the excepted service expires on October 6, 1997, except that the Administrator of the Federal Aviation Administration may extend the authority for one or more successive one-year periods.

(d) Staffing Report. -- The Administrator of the Federal Aviation Administration shall submit annually to the Committee on Public Works and Transportation of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report containing --

(1) the staffing standards used to determine the number of air traffic controllers needed to operate the air traffic control system of the United States;

(2) a 3-year projection of the number of controllers needed to be employed to operate the system to meet the standards; and

(3) a detailed plan for employing the controllers, including projected budget requests.

Sec. 44507. Civil aeromedical research

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.

Sec. 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 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;

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

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

(2) The Administrator may establish subordinate committees to provide advice on specific areas of research conducted under sections 40119, 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, 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.

Sec. 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.

Sec. 44510. Airway science curriculum grants

(a) General Authority. -- The Administrator of the Federal Aviation Administration may make competitive grant agreements with institutions of higher education having airway science curricula for the United States Government's share of the allowable direct costs of the following categories of items to the extent that the items are in support of airway science curricula:

(1) the construction, purchase, or lease with an option to purchase, of buildings and associated facilities.

(2) instructional material and equipment.

(b) Cost Guidelines. -- The Administrator shall establish guidelines to determine the direct costs allowable under a grant to be made under this section. The Government's share of the allowable cost of a project assisted by a grant under this section may not be more than 65 percent.

Sec. 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, Space, and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate on carrying out this section.

Sec. 44512. Catastrophic failure prevention research grants

(a) General Authority. -- The Administrator of the Federal Aviation Administration may make grants to institutions of higher education and nonprofit research organizations --

(1) to conduct aviation research related to the development of 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

(2) to establish centers of excellence for continuing the research.

(b) Solicitation, Application, Review, and Evaluation Process. -- The Administrator shall establish a solicitation, application, review, and evaluation process that ensures providing grants under this section for proposals having adequate merit and relevancy to the research described in subsection (a) of this section.

Sec. 44513. Regional centers of air transportation excellence

(a) General Authority. -- The Administrator of the Federal Aviation Administration may make grants to institutions of higher education to establish and operate regional centers of air transportation excellence. The locations shall be distributed in a geographically fair way.

(b) Responsibilities. -- (1) The responsibilities of each center established under this section shall include --

(A) conducting research on --

(i) airspace and airport planning and design;

(ii) airport capacity enhancement techniques;

(iii) human performance in the air transportation environment;

(iv) aviation safety and security;

(v) the supply of trained air transportation personnel, including pilots and mechanics; and

(vi) other aviation issues related to developing and maintaining a safe and efficient air transportation system; and

(B) interpreting, publishing, and disseminating the results of the research.

(2) In conducting research described in paragraph (1)(A) of this subsection, each center may make contracts with nonprofit research organizations and other appropriate persons.

(c) Applications. -- An institution of higher education 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 that the Administrator requires by regulation.

(d) Selection Criteria. -- The Administrator shall select recipients of grants under this section on the basis of the following criteria:

(1) the extent to which the needs of the State in which the applicant is located are representative of the needs of the region for improved air transportation services and facilities.

(2) the demonstrated research and extension resources available to the applicant to carry out this section.

(3) the ability of the applicant to provide leadership in making national and regional contributions to the solution of both long-range and immediate air transportation problems.

(4) the extent to which the applicant has an established air transportation program.

(5) the demonstrated ability of the applicant to disseminate results of air transportation research and

educational programs through a statewide or regionwide continuing education program.

(6) the projects the applicant proposes to carry out under the grant.

(e) Expenditure Agreements. -- A grant may be made under this section in a fiscal year only if the recipient makes an agreement with the Administrator that the Administrator requires to ensure that the recipient will maintain its total expenditures from all other sources for establishing and operating the center and related research activities at a level at least equal to the average level of those expenditures in the 2 fiscal years of the recipient occurring immediately before November 5, 1990.

(f) Government's Share of Costs. -- The United States Government's share of a grant under this section is 50 percent of the costs of establishing and operating the center and related research activities that the grant recipient carries out.

(g) Allocating Amounts. -- The Administrator shall allocate amounts made available to carry out this section in a geographically fair way.

Sec. 44514. Flight service stations

(a) Hours of Operation. -- (1) The Secretary of Transportation may close, or reduce the hours of operation of, a flight service station in an area only if the service provided in the area after the closing or during the hours the station is not in operation is provided by an automated flight service station with at least model 1 equipment.

(2) The Secretary shall reopen a flight service station closed after March 24, 1987, but before July 15, 1987, as soon as practicable if the service in the area in which the station is located has not been provided since the closing by an automatic flight service station with at least model 1 equipment. The hours of operation for the reopened station shall be the same as were the hours of operation for the station on March 25, 1987. After reopening the station, the Secretary may close, or reduce the hours of operation of, the station only as provided in paragraph (1) of this subsection.

(b) Manned Auxiliary Stations. -- The Secretary and the Administrator of the Federal Aviation Administration shall establish a system of manned auxiliary flight service stations. The manned auxiliary flight service stations shall supplement the services of the planned consolidation to 61 automated flight service stations under the flight service station modernization program. A manned auxiliary flight service station shall be located in an area of unique weather or operational conditions that are critical to the safety of flight.

Sec. 44515. Advanced training facilities for maintenance technicians for air carrier aircraft

(a) General Authority. -- The Administrator of the Federal Aviation Administration may make grants to not more than 4 vocational technical educational institutions to acquire or construct facilities to be used for the advanced training of maintenance technicians for air carrier aircraft.

(b) Eligibility. -- The Administrator may make a grant under this section to a vocational technical educational institution only if the institution has a training curriculum

that prepares aircraft maintenance technicians who hold airframe and power plant certificates under subpart D of part 65 of title 14, Code of Federal Regulations, to maintain, without direct supervision, air carrier aircraft.

(c) Limitation. -- A vocational technical educational institution may not receive more than a total of \$5,000,000 in grants under this section.