

“(iii) time frames and resources needed for the actions described in clause (ii);

“(iv) a continuous evaluative process to track performance toward the goals referred to in clause (i); and

“(v) a review with respect to runway safety of every commercial service airport (as defined in section 47102 of title 49, United States Code) in the United States and proposed action to improve airport lighting, provide better signs, and improve runway and taxiway markings at those airports; and

“(B) shall address the increased runway safety risk associated with the expected increased volume of air traffic.

“(b) PROCESS.—Not later than 6 months after the date of enactment of this Act [Feb. 14, 2012], the Administrator shall develop a process for tracking and investigating operational errors, losses of standard separation, and runway incursions that includes procedures for—

“(1) identifying who is responsible for tracking operational errors, losses of standard separation, and runway incursions, including a process for lower level employees to report to higher supervisory levels and for frontline managers to receive the information in a timely manner;

“(2) conducting periodic random audits of the oversight process; and

“(3) ensuring proper accountability.

“(c) PLAN FOR INSTALLATION AND DEPLOYMENT OF SYSTEMS TO PROVIDE ALERTS OF POTENTIAL RUNWAY INCURSIONS.—Not later than June 30, 2012, the Administrator shall submit to Congress a report containing a plan for the installation and deployment of systems to alert air traffic controllers or flight crewmembers, or both, of potential runway incursions. The plan shall be integrated into the annual NextGen Implementation Plan of the Administration or any successor document.”

#### AVAILABILITY OF GATES AND OTHER ESSENTIAL SERVICES

Pub. L. 106-181, title I, §155(d), Apr. 5, 2000, 114 Stat. 89, provided that: “The Secretary [of Transportation] shall ensure that gates and other facilities are made available at costs that are fair and reasonable to air carriers at covered airports (as defined in section 47106(f)(4) [47106(f)(3)] of title 49, United States Code) where a ‘majority-in-interest clause’ of a contract or other agreement or arrangement inhibits the ability of the local airport authority to provide or build new gates or other facilities.”

#### CONSTRUCTION OF RUNWAYS

Pub. L. 106-181, title I, §158, Apr. 5, 2000, 114 Stat. 90, provided that: “Notwithstanding any provision of law that specifically restricts the number of runways at a single international airport, the Secretary [of Transportation] may obligate funds made available under chapters 471 and 481 of title 49, United States Code, for any project to construct a new runway at such airport, unless this section is expressly repealed.”

#### INNOVATIVE FINANCING TECHNIQUES

Pub. L. 104-264, title I, §148, Oct. 9, 1996, 110 Stat. 3223, authorized the Secretary of Transportation until Sept. 30, 1998, to carry out a demonstration program to provide information on the use of innovative financing techniques for airport development projects to Congress and the National Civil Aviation Review Commission. See section 47135 of this title.

#### AUTHORITY TO CLOSE AIRPORT LOCATED NEAR CLOSED OR REALIGNED MILITARY BASE

Pub. L. 104-264, title XII, §1203, Oct. 9, 1996, 110 Stat. 3280, which related to closure of an airport that is not a commercial service airport that is located within 2 miles of a United States Army depot which has been closed or realigned, was repealed by Pub. L. 118-63, title VII, §719(c)(1), May 16, 2024, 138 Stat. 1262.

#### STUDY ON INNOVATIVE FINANCING

Pub. L. 103-305, title V, §520, Aug. 23, 1994, 108 Stat. 1601, required the Secretary to conduct a study on innovative approaches for using Federal funds to finance airport development as a means of supplementing financing available under the Airport Improvement Program and set out matters for the Secretary to consider and persons to consult, and provided that the Secretary would transmit to Congress a report on the results of the study not later than 12 months after Aug. 23, 1994.

#### § 47102. Definitions

In this subchapter—

(1) “air carrier” has the meaning given such term in section 40102.

(2) “airport”—

(A) means—

(i) an area of land or water used or intended to be used for the landing and taking off of aircraft;

(ii) an appurtenant area used or intended to be used for airport buildings or other airport facilities or rights of way; and

(iii) airport buildings and facilities located in any of those areas; and

(B) includes a heliport.

(3) “airport development” means the following activities, if undertaken by the sponsor, owner, or operator of a public-use airport:

(A) constructing, repairing, or improving a public-use airport, including—

(i) removing, lowering, relocating, marking, and lighting an airport hazard;

(ii) preparing a plan or specification, including carrying out a field investigation; and

(iii) a secondary runway at a nonhub airport that is equivalent in size and type to the primary runway of such airport.

(B) acquiring for, or installing at, a public-use airport—

(i) a navigation aid or another aid (including a precision approach system) used by aircraft for landing at or taking off from the airport, including preparing the site as required by the acquisition or installation;

(ii) safety or security equipment, including explosive detection devices, universal access systems, and emergency call boxes, the Secretary requires by regulation for, or approves as contributing significantly to, the safety or security of individuals and property at the airport and integrated in-pavement lighting systems for runways and taxiways and other runway and taxiway incursion prevention devices;

(iii) equipment to remove snow, to measure runway surface friction, or for aviation-related weather reporting, including closed circuit weather surveillance equipment and fuel infrastructure for such equipment to remove snow if the airport is located in Alaska;

(iv) firefighting and rescue equipment at an airport that serves scheduled passenger operations of air carrier aircraft designed for more than 9 passenger seats;

(v) aircraft deicing equipment and structures (except aircraft deicing fluids and

storage facilities for the equipment and fluids);

(vi) interactive training systems;

(vii) windshear detection equipment that is certified by the Administrator of the Federal Aviation Administration;

(viii) stainless steel adjustable lighting extensions approved by the Administrator;

(ix) engineered materials arresting systems as described in the Advisory Circular No. 150/5220-22 published by the Federal Aviation Administration on August 21, 1998, including any revision to the circular;

(x) replacement of baggage conveyor systems, and reconfiguration of terminal baggage areas, that the Secretary determines are necessary to install bulk explosive detection devices; except that such activities shall be eligible for funding under this subchapter only using amounts apportioned under section 47114; and

(xi) a medium intensity approach lighting system with runway alignment indicator lights.

(C) acquiring an interest in land or airspace, including land for future airport development, that is needed—

(i) to carry out airport development described in subclause (A) or (B) of this clause; or

(ii) to remove or mitigate an existing airport hazard or prevent or limit the creation of a new airport hazard.

(D) acquiring land for, or constructing, a burn area training structure on or off the airport to provide live fire drill training for aircraft rescue and firefighting personnel required to receive the training under regulations the Secretary prescribes, including basic equipment and minimum structures to support the training under standards the Administrator of the Federal Aviation Administration prescribes.

(E) relocating an air traffic control tower and any navigational aid (including radar) if the relocation is necessary to carry out a project approved by the Secretary under this subchapter or under section 40117.

(F) constructing, reconstructing, repairing, or improving an airport, or purchasing capital equipment for an airport, if necessary for compliance with the responsibilities of the operator or owner of the airport under the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.), the Clean Air Act (42 U.S.C. 7401 et seq.), and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), except constructing or purchasing capital equipment that would benefit primarily a revenue-producing area of the airport used by a nonaeronautical business.

(G) acquiring land for, or work necessary to construct, a pad suitable for deicing aircraft before takeoff at a commercial service airport, including constructing or reconstructing paved areas, drainage collection structures, treatment and discharge systems, appropriate lighting, paved access for deicing vehicles and aircraft, and including acquiring glycol recovery vehicles, but not

including acquiring aircraft deicing fluids or constructing or reconstructing storage facilities for aircraft deicing equipment or fluids.

(H) routine work to preserve and extend the useful life of runways, taxiways, and aprons at nonhub airports and airports that are not primary airports, under guidelines issued by the Administrator of the Federal Aviation Administration.

(I) constructing, reconstructing, or improving an airport, or purchasing nonrevenue generating capital equipment to be owned by an airport, for the purpose of transferring passengers, cargo, or baggage between the aeronautical and ground transportation modes on airport property.

(J) constructing an air traffic control tower or acquiring and installing air traffic control, communications, and related equipment at an air traffic control tower under the terms specified in section 47124(b)(4).

(K) work necessary to construct or modify airport facilities to provide low-emission fuel systems, gate electrification, and other related air quality improvements at a commercial service airport.

(L) a project by a commercial service airport for the acquisition of airport-owned vehicles or ground support equipment equipped with low-emission technology if the vehicles are;

(i) used exclusively on airport property; or

(ii) used exclusively to transport passengers and employees between the airport and the airport's consolidated rental car facility or an intermodal surface transportation facility adjacent to the airport.

(M) construction of mobile refueler parking within a fuel farm at a nonprimary airport meeting the requirements of section 112.8 of title 40, Code of Federal Regulations.

(N) terminal development under section 47119(a).

(O) acquiring and installing facilities and equipment to provide air conditioning, heating, or electric power from terminal-based, nonexclusive use facilities to aircraft parked at a public use airport for the purpose of reducing energy use or harmful emissions as compared to the provision of such air conditioning, heating, or electric power from aircraft-based systems.

(P) an on-airport project to improve reliability and efficiency of the power supply of the airport or meet current and future electrical power demand and to prevent power disruptions to the airfield, passenger terminal, and any other airport facilities, including the acquisition and installation of electrical generators, renewable energy generation and storage infrastructure (including necessary substation upgrades to support such infrastructure), separation of the airport's main power supply from its redundant power supply, the construction or modification of airport facilities to install a microgrid (as defined in section 641 of the United States Energy Storage Competitiveness Act of 2007 (42 U.S.C. 17231)), and smart glass (including electrochromic glass).

(Q) converting or retrofitting vehicles and ground support equipment into eligible zero-emission vehicles and equipment (as defined in section 47136) and for acquiring, by purchase or lease, eligible zero-emission vehicles and equipment.

(R) predevelopment planning, including financial, legal, or procurement consulting services, related to an application or proposed application for an exemption under section 47134.

(S) acquisition of advanced digital construction management systems and related technology used in the planning, design and engineering, construction, and maintenance of airport facilities when such systems or technologies are acquired to carry out a project approved by the Secretary under this subchapter.

(T) improvements, or planning for improvements (including monitoring equipment or services), that would be necessary to sustain commercial service flight operations or permit the resumption of such flight operations following a natural disaster (including an earthquake, flooding, high water, wildfires, hurricane, storm surge, tidal wave, tornado, tsunami, wind driven water, sea level rise, tropical storm, cyclone, land instability, or winter storm) at—

- (i) a primary airport; or
- (ii) a nonprimary airport that is designated as a Federal staging area or incident support base by the Administrator of the Federal Emergency Management Agency.

(U) a project to comply with rulemakings and recommendations on airport cybersecurity standards from the aviation rulemaking committee convened under section 395 of the FAA Reauthorization Act of 2024.

(V) reconstructing or rehabilitating an existing crosswind runway (regardless of the wind coverage of the primary runway) if the reconstruction or rehabilitation of such crosswind runway is in the most recently approved airport layout plan of the sponsor.

(W) constructing or acquiring such airport-owned infrastructure or equipment, notwithstanding revenue producing capability of such infrastructure or equipment, as may be required for—

- (i) the on-airport distribution or storage of unleaded aviation gasoline for piston-driven aircraft, including on-airport construction or expansion of pipelines, storage tanks, low-emission fuel systems, and airport-owned fuel trucks providing exclusively unleaded aviation fuels (unless the Secretary determines that an alternative fuel may be safely used in such fuel truck for a limited time); or
- (ii) fueling systems for type certificated hydrogen-powered aircraft.

(X) constructing, reconstructing, or rehabilitating a taxiway or taxilane that serves non-exclusive use aeronautical facilities, including aircraft storage facilities, except for

the 50 feet of pavement immediately in front of an ineligible building.

(Y) any other activity (excluding terminal development) that the Secretary concludes will reasonably improve the safety of the airport.

(4) “airport hazard” means a structure or object of natural growth located on or near a public-use airport, or a use of land near the airport, that obstructs or otherwise is hazardous to the landing or taking off of aircraft at or from the airport.

(5) “airport planning” means planning as defined by requirements the Secretary prescribes and includes—

- (A) integrated airport system planning and catchment area analyses;
- (B) developing an environmental management system;
- (C) developing a plan for recycling and minimizing the generation of airport solid waste, consistent with applicable State and local recycling laws, including the cost of a waste audit; and
- (D) assessing current and future electrical power demand for airport airside and landside activities.

(6) “amount made available under section 48103” or “amount newly made available” means the amount authorized for grants under section 48103 as that amount may be limited in that year by a subsequent law, but as determined without regard to grant obligation recoveries made in that year or amounts covered by section 47107(f).

(7) “commercial service airport” means a public airport in a State that the Secretary determines has at least 2,500 passenger boardings each year and is receiving scheduled passenger aircraft service.

(8) “general aviation airport” means a public-use airport that is located in a State and that, as determined by the Secretary—

- (A) does not have scheduled service; or
- (B) has scheduled service with less than 2,500 passenger boardings each year.

(9) “integrated airport system planning” means developing for planning purposes information and guidance to decide the extent, kind, location, and timing of airport development needed in a specific area to establish a viable, balanced, and integrated system of public-use airports, including—

- (A) identifying system needs;
- (B) developing an estimate of systemwide development costs;
- (C) conducting studies, surveys, and other planning actions, including those related to airport access, needed to decide which aeronautical needs should be met by a system of airports; and
- (D) standards prescribed by a State, except standards for safety of approaches, for airport development at nonprimary public-use airports.

(10) “landed weight” means the weight of aircraft transporting only cargo in intrastate, interstate, and foreign air transportation, as the Secretary determines under regulations the Secretary prescribes.

(11) “large hub airport” means a commercial service airport that has at least 1.0 percent of the passenger boardings.

(12) “low-emission technology” means technology for vehicles and equipment whose emission performance is the best achievable under emission standards established by the Environmental Protection Agency and that relies exclusively on alternative fuels that are substantially nonpetroleum based, as defined by the Department of Energy, but not excluding hybrid systems or natural gas powered vehicles.

(13) “medium hub airport” means a commercial service airport that has at least 0.25 percent but less than 1.0 percent of the passenger boardings.

(14) “nonhub airport” means a commercial service airport that has less than 0.05 percent of the passenger boardings.

(15) “passenger boardings”—

(A) means, unless the context indicates otherwise, revenue passenger boardings in the United States in the prior calendar year on an aircraft in service in air commerce, as the Secretary determines under regulations the Secretary prescribes; and

(B) includes passengers who continue on an aircraft in international flight that stops at an airport in the 48 contiguous States, Alaska, or Hawaii for a nontraffic purpose.

(16) “primary airport” means a commercial service airport the Secretary determines to have more than 10,000 passenger boardings each year.

(17) “project” means a project, separate projects included in one project grant application, or all projects to be undertaken at an airport in a fiscal year, to achieve airport development or airport planning.

(18) “project cost” means a cost involved in carrying out a project.

(19) “project grant” means a grant of money the Secretary makes to a sponsor to carry out at least one project.

(20) “public agency” means—

(A) a State or political subdivision of a State;

(B) a tax-supported organization;

(C) an Indian tribe or pueblo; or

(D) the Republic of the Marshall Islands, Federated States of Micronesia, and Republic of Palau.

(21) “public airport” means an airport used or intended to be used for public purposes—

(A) that is under the control of a public agency; and

(B) of which the area used or intended to be used for the landing, taking off, or surface maneuvering of aircraft is publicly owned.

(22) “public-use airport” means—

(A) a public airport; or

(B) a privately-owned airport used or intended to be used for public purposes that is—

(i) a reliever airport; or

(ii) determined by the Secretary to have at least 2,500 passenger boardings each year and to receive scheduled passenger aircraft service.

(23) “reliever airport” means an airport the Secretary designates to relieve congestion at a commercial service airport and to provide more general aviation access to the overall community.

(24) “revenue producing aeronautical support facilities” means fuel farms, hangar buildings, self-service credit card aeronautical fueling systems, airplane wash racks, major rehabilitation of a hangar owned by a sponsor, or other aeronautical support facilities that the Secretary determines will increase the revenue producing ability of the airport.

(25) “small hub airport” means a commercial service airport that has at least 0.05 percent but less than 0.25 percent of the passenger boardings.

(26) “sponsor” means—

(A) a public agency that submits to the Secretary under this subchapter an application for financial assistance; and

(B) a private owner of a public-use airport that submits to the Secretary under this subchapter an application for financial assistance for the airport.

(27) “State” means a State of the United States, the District of Columbia, Puerto Rico, the Virgin Islands, American Samoa, the Northern Mariana Islands, and Guam.

(28) “terminal development” means—

(A) development of—

(i) an airport passenger terminal building, including terminal gates;

(ii) access roads servicing exclusively airport traffic that leads directly to or from an airport passenger terminal building; and

(iii) walkways that lead directly to or from an airport passenger terminal building; and

(B) the cost of a vehicle for moving passengers and baggage between terminal facilities and between terminal facilities and aircraft.

(Pub. L. 103-272, §1(e), July 5, 1994, 108 Stat. 1248; Pub. L. 103-305, title I, §105, Aug. 23, 1994, 108 Stat. 1572; Pub. L. 104-264, title I, §142(b)(1), Oct. 9, 1996, 110 Stat. 3221; Pub. L. 106-181, title I, §§121(c), 122, 123(b), 137(b), title V, §514(a), Apr. 5, 2000, 114 Stat. 74, 75, 85, 144; Pub. L. 107-71, title I, §119(a)(1), (5), Nov. 19, 2001, 115 Stat. 628, 629; Pub. L. 108-7, div. I, title III, §370(a), Feb. 20, 2003, 117 Stat. 424; Pub. L. 108-176, title I, §§141, 142, 159(b)(1), (d), title VIII, §801(a), Dec. 12, 2003, 117 Stat. 2503, 2510, 2511, 2586; Pub. L. 112-95, title I, §132, Feb. 14, 2012, 126 Stat. 21; Pub. L. 115-254, div. B, title I, §165, Oct. 5, 2018, 132 Stat. 3225; Pub. L. 118-63, title VII, §702, May 16, 2024, 138 Stat. 1246.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
47102(1) .....	(no source).	
47102(2) .....	49 App.:2202(a)(1).	Sept. 3, 1982, Pub. L. 97-248, §503(a)(1), 96 Stat. 672; Dec. 30, 1987, Pub. L. 100-223, §103(a), 101 Stat. 1488.
	49 App.:2202(a)(21).	Sept. 3, 1982, Pub. L. 97-248, §503(a)(13)-(19), (21)-(23), 96 Stat. 673, 674; Dec. 30, 1987, Pub. L. 100-223, §103(c)(1), 101 Stat. 1488.

## HISTORICAL AND REVISION NOTES—CONTINUED

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
47102(3) .....	49 App.:2202(a)(2).	Sept. 3, 1982, Pub. L. 97-248, §503(a)(2), 96 Stat. 672; Dec. 30, 1987, Pub. L. 100-223, §103(b), 101 Stat. 1488; Nov. 5, 1990, Pub. L. 101-508, §9102, 104 Stat. 1388-354; Oct. 31, 1992, Pub. L. 102-581, §112(a), (b), 106 Stat. 4880.
47102(4) .....	49 App.:2202(a)(3).	Sept. 3, 1982, Pub. L. 97-248, §503(a)(3)-(5), (7), (8), (b), 96 Stat. 673, 674.
47102(5) .....	49 App.:2202(a)(4).	
47102(6) .....	49 App.:2202(b).	
47102(7) .....	49 App.:2202(a)(5).	
47102(8) .....	49 App.:2202(a)(7).	
47102(9) .....	49 App.:2202(a)(9).	Sept. 3, 1982, Pub. L. 97-248, 96 Stat. 324, §503(a)(9); added Dec. 30, 1987, Pub. L. 100-223, §103(c)(2), 101 Stat. 1488.
47102(10) .....	49 App.:2202(a)(10).	Sept. 3, 1982, Pub. L. 97-248, §503(a)(10), 96 Stat. 673; Dec. 30, 1987, Pub. L. 100-223, §103(c)(1), (d), 101 Stat. 1488; Oct. 31, 1992, Pub. L. 102-581, §115, 106 Stat. 4881.
47102(11) .....	49 App.:2202(a)(12).	Sept. 3, 1982, Pub. L. 97-248, §503(a)(12), 96 Stat. 673; Dec. 30, 1987, Pub. L. 100-223, §103(c)(1), (e), 101 Stat. 1488.
47102(12) .....	49 App.:2202(a)(13).	
47102(13) .....	49 App.:2202(a)(14).	
47102(14) .....	49 App.:2202(a)(15).	
47102(15) .....	49 App.:2202(a)(16).	
47102(16) .....	49 App.:2202(a)(8), (17).	
47102(17) .....	49 App.:2202(a)(18).	
47102(18) .....	49 App.:2202(a)(19).	
47102(19) .....	49 App.:2202(a)(22).	
47102(20) .....	49 App.:2202(a)(23).	

In this section, before clause (1), the words “In this subchapter” are substituted for “As used in this chapter” and “Whenever in this chapter reference is made to . . . such reference shall mean” for consistency in the revised title and with other titles of the United States Code and to eliminate unnecessary words.

Clause (1) restates the definition of “air carrier airport” that was contained in section 11(1) of the Airport and Airway Development Act of 1970 as in effect both on February 18, 1980, and immediately before September 3, 1982. The clause is added to this section to eliminate the cross-references to definitions in section 11 of the Airport and Airway Development Act of 1970 that are contained in the source provisions restated in sections 47106(d) and 47119(a) of the revised title. Because some of the terms used in the definition of “air carrier airport” were themselves defined in section 11, the definitions of those terms are incorporated in the definition added in clause (1) to the extent they differ from the definitions of those terms restated in this section. The words “Secretary of Transportation” and “Secretary” are substituted for “Civil Aeronautics Board” because of the transfer of authority under 49 App.:1551(b)(1)(E).

In clause (2), before subclause (A), the text of 49 App.:2202(a)(21) is omitted as surplus because the complete name of the Secretary of Transportation is used the first time the term appears in a section. In subclause (A)(iii), the words “those areas” are substituted for “thereon” for clarity.

In clause (3)(A), before subclause (i), the words “any work involved in” and “or portion thereof” are eliminated as unnecessary. The word “reconstructing” is omitted as being included in “constructing”. In subclause (ii), the words “carrying out a field investigation” are substituted for “field investigations incidental thereto” for clarity.

In clause (3)(B), before subclause (i), the word “for” is substituted for “by” for clarity. In subclause (i), the words “required by the acquisition or installation” are substituted for “thereby required” for clarity. In subclause (ii), the word “individuals” is substituted for

“persons” for clarity and consistency in the revised title and with other titles of the Code.

In clause (3)(C), before subclause (i), the words “interest in land or airspace” are substituted for “land or of any interest therein, or of any easement through or other interest in airspace” to eliminate unnecessary words. In subclause (ii), the words “existing airport hazard . . . the creation of a new airport hazard” are added for clarity and consistency in this chapter.

In clause (3)(D), the words “any . . . work involved to” are omitted as surplus. The word “Secretary” is substituted for “Department of Transportation” because of 49:102(b). The words “Administrator of the” are added because of 49:106(b).

In clause (4), the word “near” is substituted for “in the vicinity of” to eliminate unnecessary words. The words “obstructs or otherwise is hazardous to the landing or taking off” are substituted for “obstructs the airspace required for the flight of aircraft in landing or taking off . . . or is otherwise hazardous to such landing or taking off” for clarity and to eliminate unnecessary words.

In clause (6), the words “for a fiscal year . . . for that fiscal year” are omitted as surplus. The words “authorized for grants” are substituted for “made available for obligation” for clarity and consistency. The word “law” is substituted for “Act of Congress” for consistency in the revised title and with other titles of the Code. The words “or limited” are omitted as surplus.

In clause (8), before subclause (A), the words “the initial as well as continuing” and “nature” are omitted as surplus. In subclause (C), the words “needed to decide which aeronautical needs should be met” are substituted for “as may be necessary to determine the short-, intermediate-, and long-range aeronautical demands required to be met” for clarity and to eliminate unnecessary words. The word “particular” is eliminated as unnecessary. In subclause (D), the word “prescribed” is substituted for “the establishment . . . of” for consistency in the revised title and with other titles of the Code.

In clause (9), the words “scheduled and non-scheduled” are omitted as surplus. The word “cargo” is substituted for “property (including mail)” for consistency in the revised title.

In clause (10), before subclause (A), the words “passenger boardings” are substituted for “passengers enplaned” for clarity. In subclause (A), the words “domestic, territorial, and international”, “in the States”, “scheduled and nonscheduled”, and “intrastate, interstate, and foreign” are omitted as surplus. In subclause (B), the words “who continue on an aircraft in” are substituted for “on board” for clarity. (See Cong. Rec., pp. S15296, 15297, Oct. 28, 1987, daily ed.). The words “that stops” are substituted for “which transit” for clarity. The word “located” is omitted as surplus.

In clause (12), the words “included in one project grant application” are substituted for “submitted together”, and the words “or all projects to be undertaken” are substituted for “including the combined submission of all projects”, for clarity and consistency in this chapter.

In clause (15)(A), the words “or any agency of a State, a municipality . . . other” are omitted as surplus.

In clause (19)(A), the words “either individually or jointly with one or more other public agencies” are omitted as surplus.

In clause (20), the words “the Commonwealth of” and “the Government of” are omitted as surplus.

## Editorial Notes

## REFERENCES IN TEXT

The Americans with Disabilities Act of 1990, referred to in par. (3)(F), is Pub. L. 101-336, July 26, 1990, 104 Stat. 327, which is classified principally to chapter 126 (§12101 et seq.) of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 12101 of Title 42 and Tables.

The Clean Air Act, referred to in par. (3)(F), is act July 14, 1955, ch. 360, 69 Stat. 322, which is classified generally to chapter 85 (§7401 et seq.) of Title 42. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of Title 42 and Tables.

The Federal Water Pollution Control Act, referred to in par. (3)(F), is act June 30, 1948, ch. 758, as amended generally by Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 816, which is classified generally to chapter 26 (§1251 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1251 of Title 33 and Tables.

Section 395 of the FAA Reauthorization Act of 2024, referred to in par. (3)(U), is section 395 of Pub. L. 118-63, which is set out as a note under section 40131 of this title.

#### AMENDMENTS

2024—Par. (1). Pub. L. 118-63, §702(1), added par. (1) and struck out former par. (1) which read as follows: “‘air carrier airport’ means a public airport regularly served by—

“(A) an air carrier certificated by the Secretary of Transportation under section 41102 of this title (except a charter air carrier); or

“(B) at least one air carrier—

“(i) operating under an exemption from section 41101(a)(1) of this title that the Secretary grants; and

“(ii) having at least 2,500 passenger boardings at the airport during the prior calendar year.”

Par. (3)(A)(iii). Pub. L. 118-63, §702(2)(A), added cl. (iii).

Par. (3)(B)(iii). Pub. L. 118-63, §702(2)(B)(i), inserted “and fuel infrastructure for such equipment to remove snow” after “surveillance equipment”.

Par. (3)(B)(xi). Pub. L. 118-63, §702(2)(B)(ii)–(iv), added cl. (xi).

Par. (3)(E). Pub. L. 118-63, §702(2)(C), struck out “after December 31, 1991,” after “relocating”.

Par. (3)(K). Pub. L. 118-63, §702(2)(D), struck out before period at end: “if the airport is located in an air quality nonattainment or maintenance area (as defined in sections 171(2) and 175A of the Clean Air Act (42 U.S.C. 7501(2); 7505a)) and if the airport would be able to receive emission credits, as described in section 47139”.

Par. (3)(L). Pub. L. 118-63, §702(2)(E), struck out “the airport is located in an air quality nonattainment or maintenance area (as defined in sections 171(2) and 175A of the Clean Air Act (42 U.S.C. 7501(2); 7505a)), if the airport would be able to receive appropriate emission credits (as described in section 47139), and” after “technology if” in introductory provisions.

Par. (3)(P). Pub. L. 118-63, §702(2)(F), substituted “improve reliability and efficiency of the power supply of the airport or meet current and future electrical power demand” for “improve the reliability and efficiency of the airport’s power supply” and “redundant power supply,” for “redundant power supply, and”, and inserted “, renewable energy generation and storage infrastructure (including necessary substation upgrades to support such infrastructure)” after “electrical generators” and “, and smart glass (including electrochromic glass)” before period at end.

Par. (3)(S) to (Y). Pub. L. 118-63, §702(2)(G), added subpars. (S) to (Y).

Par. (5)(A). Pub. L. 118-63, §702(3)(A), inserted “and catchment area analyses” after “planning”.

Par. (5)(D). Pub. L. 118-63, §702(3)(B)–(D), added subpar. (D).

Par. (20)(D). Pub. L. 118-63, §702(4), added subpar. (D).

Par. (27). Pub. L. 118-63, §702(5), struck out “the Trust Territory of the Pacific Islands,” after “the Northern Mariana Islands,”.

Par. (28)(B). Pub. L. 118-63, §702(6), substituted “for moving passengers and baggage between terminal facilities and between terminal facilities and aircraft” for “described in section 47119(a)(1)(B)”.

2018—Par. (3)(K). Pub. L. 115-254, §165(1)(A), substituted “7505a)) and if the airport would be able to receive” for “7505a) and if such project will result in an airport receiving appropriate”.

Par. (3)(L). Pub. L. 115-254, §165(1)(B), added subpar. (L) and struck out former subpar. (L) which read as follows: “a project for the acquisition or conversion of vehicles and ground support equipment, owned by a commercial service airport, to low-emission technology, if the airport is located in an air quality nonattainment or maintenance area (as defined in sections 171(2) and 175A of the Clean Air Act (42 U.S.C. 7501(2); 7505a)) and if such project will result in an airport receiving appropriate emission credits as described in section 47139.”

Par. (3)(P) to (R). Pub. L. 115-254, §165(1)(C), added subpars. (P) to (R).

Par. (5). Pub. L. 115-254, §165(2), substituted “requirements” for “regulations” in introductory provisions.

Par. (8). Pub. L. 115-254, §165(3), substituted “public-use” for “public” in introductory provisions.

2012—Par. (3)(B)(iv). Pub. L. 112-95, §132(a)(1), substituted “9” for “20”.

Par. (3)(G). Pub. L. 112-95, §132(a)(2), inserted “and including acquiring glycol recovery vehicles,” after “vehicles and aircraft,”.

Par. (3)(M) to (O). Pub. L. 112-95, §132(a)(3), added subpars. (M) to (O).

Par. (5). Pub. L. 112-95, §132(b), amended par. (5) generally. Prior to amendment, par. (5) read as follows: “‘airport planning’ means planning as defined by regulations the Secretary prescribes and includes integrated airport system planning.”

Par. (8). Pub. L. 112-95, §132(c)(3), added par. (8). Former par. (8) redesignated (9).

Pars. (9) to (23). Pub. L. 112-95, §132(c)(2), redesignated pars. (8) to (22) as (9) to (23), respectively. Former par. (23) redesignated (25).

Par. (24). Pub. L. 112-95, §132(d), added par. (24). Former par. (24) redesignated (26).

Pars. (25) to (27). Pub. L. 112-95, §132(c)(1), redesignated pars. (23) to (25) as (25) to (27), respectively.

Par. (28). Pub. L. 112-95, §132(e), added par. (28).

2003—Par. (3)(B)(x). Pub. L. 108-176, §142, inserted “; except that such activities shall be eligible for funding under this subchapter only using amounts apportioned under section 47114” before period at end.

Par. (3)(H). Pub. L. 108-176, §141, inserted “nonhub airports and” before “airports that are not primary airports”.

Par. (3)(J). Pub. L. 108-176, §159(b)(1)(A), redesignated subpar. (M) as (J) and struck out former subpar. (J) which read as follows: “in fiscal year 2002, any additional security related activity required by law or by the Secretary after September 11, 2001, and before October 1, 2002.”

Par. (3)(K), (L). Pub. L. 108-176, §159(b)(1), added subpars. (K) and (L) and struck out former subpars. (K) and (L) which read as follows:

“(K) in fiscal year 2002 with respect to funds apportioned under section 47114 in fiscal years 2001 and 2002, any activity, including operational activities, of an airport that is not a primary airport if that airport is located within the confines of enhanced class B airspace, as defined by Notice to Airmen FDC 1/0618 issued by the Federal Aviation Administration and the activity was carried out when any restriction in the Notice is in effect.

“(L) in fiscal year 2002, payments for debt service on indebtedness incurred to carry out a project at an airport owned or controlled by the sponsor or at a privately owned or operated airport passenger terminal financed by indebtedness incurred by the sponsor if the Secretary determines that such payments are necessary to prevent a default on the indebtedness.”

Par. (3)(M). Pub. L. 108-176, §159(b)(1)(A), redesignated subpar. (M) as (J).

Pub. L. 108-7 added subpar. (M).

Par. (6). Pub. L. 108-176, §801(a)(6), added par. (6) and struck out former par. (6) which read as follows: “amount made available under section 48103 of this

title' means the amount authorized for grants under section 48103 of this title as reduced by any law enacted after September 3, 1982.'

Par. (10). Pub. L. 108-176, §801(a)(5), added par. (10). Former par. (10) redesignated (14).

Par. (10)(A), (B). Pub. L. 108-176, §801(a)(3), added subpars. (A) and (B) and struck out former subpars. (A) and (B) which read as follows:

“(A) means revenue passenger boardings on an aircraft in service in air commerce as the Secretary determines under regulations the Secretary prescribes; and

“(B) includes passengers who continue on an aircraft in international flight that stops at an airport in the 48 contiguous States, Alaska, or Hawaii for a nontraffic purpose.”

Par. (11). Pub. L. 108-176, §159(d), amended section as amended by Pub. L. 108-176, §801, by adding par. (11).

Pub. L. 108-176, §801(a)(4), redesignated par. (11) as (15).

Pars. (12) to (18). Pub. L. 108-176, §801(a)(4), (5), added pars. (12) and (13) and redesignated pars. (10) to (14) as (14) to (18), respectively. Former pars. (15) to (18) redesignated (19) to (22), respectively.

Pars. (19), (20). Pub. L. 108-176, §801(a)(4), redesignated pars. (15) and (16) as (19) and (20), respectively. Former pars. (19) and (20) redesignated (24) and (25), respectively.

Pars. (21) and (22). Pub. L. 108-176, §801(a)(4), redesignated pars. (17) and (18) as pars. (21) and (22), respectively.

Par. (23). Pub. L. 108-176, §801(a)(2), added par. (23).

Pars. (24), (25). Pub. L. 108-176, §801(a)(1), redesignated pars. (19) and (20) as (24) and (25), respectively.

2001—Par. (3)(B)(x). Pub. L. 107-71, §119(a)(5), added cl. (x).

Par. (3)(J) to (L). Pub. L. 107-71, §119(a)(1), added subpars. (J) to (L).

2000—Par. (3)(B)(ii). Pub. L. 106-181, §121(c)(1), substituted “, universal access systems, and emergency call boxes,” for “and universal access systems,” and inserted “and integrated in-pavement lighting systems for runways and taxiways and other runway and taxiway incursion prevention devices” before semicolon at end.

Par. (3)(B)(iii). Pub. L. 106-181, §121(c)(2), inserted before semicolon at end “, including closed circuit weather surveillance equipment if the airport is located in Alaska”.

Par. (3)(B)(vii), (viii). Pub. L. 106-181, §122, added cls. (vii) and (viii).

Par. (3)(B)(ix). Pub. L. 106-181, §514(a), added cl. (ix).

Par. (3)(H). Pub. L. 106-181, §123(b), added subpar. (H).

Par. (3)(I). Pub. L. 106-181, §137(b), added subpar. (I). 1996—Par. (3)(E). Pub. L. 104-264, §142(b)(1)(A), inserted “or under section 40117” before period at end.

Par. (3)(F). Pub. L. 104-264, §142(b)(1)(B), struck out “paid for by a grant under this subchapter and” after “airport, if”.

1994—Par. (3)(B)(ii). Pub. L. 103-305 inserted “, including explosive detection devices and universal access systems,” after “or security equipment”.

#### Statutory Notes and Related Subsidiaries

##### EFFECTIVE DATE OF 2003 AMENDMENT

Amendment by Pub. L. 108-176 applicable only to fiscal years beginning after Sept. 30, 2003, except as otherwise specifically provided, see section 3 of Pub. L. 108-176, set out as a note under section 106 of this title.

##### EFFECTIVE DATE OF 2000 AMENDMENT

Amendment by Pub. L. 106-181 applicable only to fiscal years beginning after Sept. 30, 1999, see section 3 of Pub. L. 106-181, set out as a note under section 106 of this title.

##### 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.

#### AIRPORT ACCESS ROADS IN REMOTE LOCATIONS

Pub. L. 115-254, div. B, title I, §162, Oct. 5, 2018, 132 Stat. 3223, as amended by Pub. L. 118-15, div. B, title II, §2202(p), Sept. 30, 2023, 137 Stat. 83; Pub. L. 118-34, title I, §102(p), Dec. 26, 2023, 137 Stat. 1114; Pub. L. 118-41, title I, §102(p), Mar. 8, 2024, 138 Stat. 22; Pub. L. 118-63, title VII, §731, May 16, 2024, 138 Stat. 1273, provided that: “Notwithstanding section 47102 of title 49, United States Code, for fiscal years 2024 through 2028—

“(1) the definition of the term ‘airport development’ under that section includes the construction of a storage facility to shelter snow removal equipment or aircraft rescue and firefighting equipment that is owned by an airport sponsor and used exclusively to maintain safe airfield operations, up to the facility size necessary to accommodate the types and quantities of equipment prescribed by the FAA, regardless of whether Federal funding was used to acquire the equipment;

“(2) a storage facility to shelter snow removal equipment may exceed the facility size limitation described in paragraph (1) if the airport sponsor certifies to the Secretary that the following conditions are met:

“(A) The storage facility to be constructed will be used to store snow removal equipment exclusively used for clearing airfield pavement of snow and ice following a weather event.

“(B) The airport is categorized as a local general aviation airport in the Federal Aviation Administration’s 2017-2021 National Plan of Integrated Airport Systems (NPIAS) report.

“(C) The 30-year annual snowfall normal of the nearest weather station based on the National Oceanic and Atmospheric Administration Summary of Monthly Normals 1981-2010 exceeds 26 inches.

“(D) The airport serves as a base for a medical air ambulance transport aircraft.

“(E) The airport master record (Form 5010-1) effective on September 14, 2017 for the airport indicates 45 based aircraft consisting of single engine, multiple engine, and jet engine aircraft.

“(F) No funding under this section will be used for any portion of the storage facility designed to shelter maintenance and operations equipment that are not required for clearing airfield pavement of snow and ice.

“(G) The airport sponsor will complete design of the storage building not later than September 30, 2019, and will initiate construction of the storage building not later than September 30, 2020.

“(H) The area of the storage facility, or portion thereof, to be funded under this subsection [sic] does not exceed 6,000 square feet; and

“(3) the definition of the term ‘terminal development’ under that section includes the development of an airport access road that—

“(A) is located in a noncontiguous State;

“(B) is not more than 5 miles in length;

“(C) connects to the nearest public roadways of not more than the 2 closest census designated places; and

“(D) may provide incidental access to public or private property that is adjacent to the road and is not otherwise connected to a public road.”

#### GUIDANCE

Pub. L. 108-176, title I, §159(b)(2), Dec. 12, 2003, 117 Stat. 2510, provided that:

“(A) ELIGIBLE LOW-EMISSION MODIFICATIONS AND IMPROVEMENTS.—The Secretary of Transportation, in consultation with the Administrator of the Environmental Protection Agency, shall issue guidance describing eligible low-emission modifications and improvements,

and stating how airport sponsors will demonstrate benefits, under section 47102(3)(K) of title 49, United States Code, as added by this subsection.

“(B) ELIGIBLE LOW-EMISSION VEHICLE TECHNOLOGY.—The Secretary, in consultation with the Administrator, shall issue guidance describing eligible low-emission vehicle technology, and stating how airport sponsors will demonstrate benefits, under section 47102(3)(L) of title 49, United States Code, as added by this subsection.”

**Executive Documents**

**TERMINATION OF TRUST TERRITORY OF THE PACIFIC ISLANDS**

For termination of Trust Territory of the Pacific Islands, see note set out preceding section 1681 of Title 48, Territories and Insular Possessions.

**§ 47103. National plan of integrated airport systems**

(a) GENERAL REQUIREMENTS AND CONSIDERATIONS.—The Secretary of Transportation shall maintain the plan for developing public-use airports in the United States, named “the national plan of integrated airport systems”. The plan shall include the kind and estimated cost of eligible airport development the Secretary of Transportation considers necessary to provide a safe, efficient, and integrated system of public-use airports adequate to anticipate and meet the needs of civil aeronautics, to meet the national defense requirements of the Secretary of Defense, and to meet identified needs of the United States Postal Service. Airport development included in the plan may not be limited to meeting the needs of any particular classes or categories of public-use airports. In maintaining the plan, the Secretary of Transportation shall consider the needs of each segment of civil aviation and the relationship of the airport system to—

- (1) the rest of the transportation system, including connection to the surface transportation network; and
- (2) forecasted technological developments in aeronautics.

(b) SPECIFIC REQUIREMENTS.—In maintaining the plan, the Secretary of Transportation shall—

- (1) to the extent possible and as appropriate, consult with departments, agencies, and instrumentalities of the United States Government, with public agencies, and with the aviation community; and
- (2) make every reasonable effort to address the needs of air cargo operations and rotary wing aircraft operations.

(c) AVAILABILITY OF DOMESTIC MILITARY AIRPORTS AND AIRPORT FACILITIES.—To the extent possible, the Secretary of Defense shall make domestic military airports and airport facilities available for civil use. In advising the Secretary of Transportation under subsection (a) of this section, the Secretary of Defense shall indicate the extent to which domestic military airports and airport facilities are available for civil use.

(d) NON-COMPLIANT AIRPORTS.—

- (1) IN GENERAL.—The Secretary shall include in the plan a detailed statement listing airports the Secretary has reason to believe are

not in compliance with grant assurances or other requirements with respect to airport lands and shall include—

- (A) the circumstances of noncompliance;
- (B) the timeline for corrective action with respect to such noncompliance; and
- (C) any corrective action the Secretary intends to require to bring the airport sponsor into compliance.

(2) LISTING.—The Secretary is not required to conduct an audit or make a final determination before including an airport on the list referred to in paragraph (1).

(e) PUBLICATION.—The Secretary of Transportation shall publish the plan every 2 years.

(Pub. L. 103–272, §1(e), July 5, 1994, 108 Stat. 1251; Pub. L. 112–95, title I, §152(a), Feb. 14, 2012, 126 Stat. 32; Pub. L. 118–63, title II, §218(e), May 16, 2024, 138 Stat. 1055.)

**HISTORICAL AND REVISION NOTES**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
47103(a) .....	49 App.:2203(a)(1) (2d-last sentences).	Sept. 3, 1982, Pub. L. 97–248, §504(a)(1), 96 Stat. 675; Dec. 30, 1987, Pub. L. 100–223, §104(a)(1)(A), (2), 101 Stat. 1489.
47103(b) .....	49 App.:2203(a)(2).	Sept. 3, 1982, Pub. L. 97–248, 96 Stat. 324, §504(a)(2); added Dec. 30, 1987, Pub. L. 100–223, §104(a)(1)(B), 101 Stat. 1489.
	49 App.:2203(c).	Sept. 3, 1982, Pub. L. 97–248, §504(c), 96 Stat. 676.
47103(c) .....	49 App.:2203(d)(1).	Sept. 3, 1982, Pub. L. 97–248, §504(d)(1), 96 Stat. 676; Dec. 30, 1987, Pub. L. 100–223, §104(b)(2), 101 Stat. 1489.
47103(d) .....	49 App.:2203(a)(1) (1st sentence).	

In subsection (a), before clause (1), the words “shall maintain” and “In maintaining” are substituted for “In reviewing and revising” for clarity and consistency in the revised title. The word “named” is substituted for “After September 3, 1982, the revised national airport system plan shall be known as”, and the words “the national defense requirements of the Secretary of Defense” are substituted for “requirements in support of the national defense as determined by the Secretary of Defense”, to eliminate unnecessary words. The words “included in the plan may not be limited to meeting the needs of any particular” are substituted for “identified by this plan shall not be limited to the requirements of any” for clarity and consistency in this section. The words “among other things” are omitted as surplus.

In subsection (b), before clause (1), the words “In maintaining” are substituted for “In reviewing and revising” for consistency in this section. In clause (1), the words “departments, agencies, and instrumentalities of the United States Government” are substituted for “Federal . . . agencies” for consistency in the revised title and with other titles of the United States Code. In clauses (2) and (3), the words “As soon as feasible following December 30, 1987” are omitted as obsolete. In clause (3), the word “legitimate” is omitted as surplus.

In subsection (c), the words “Secretary of Defense” are substituted for “Department of Defense” because of 10:133.

In subsection (d), the words “Not later than two years after September 3, 1982” are omitted as executed.

**Editorial Notes**

**AMENDMENTS**

2024—Subsecs. (d), (e). Pub. L. 118–63 added subsec. (d) and redesignated former subsec. (d) as (e).