

that established by the existing airworthiness standards.

In addition to an electronic flight control system, a number of systems that have traditionally been pneumatically or mechanically operated have been implemented as electrically powered systems on the 787. Examples include the hydraulic power, equipment cooling, wing anti-ice, and the auxiliary power unit (APU) and engine start systems. The criticality of some of these systems is such that their failure will either reduce the capability of the airplane or the ability of the crew to cope with adverse operating conditions, or prevent continued safe flight and landing of the airplane. The airworthiness standards of part 25 do not contain adequate or appropriate standards for protection of these systems from the adverse effects of operation without normal electrical power.

The current rule, 14 CFR 25.1351(d), Amendment 25-72, requires safe operation under visual flight rules (VFR) conditions for at least five minutes after loss of all normal electrical power. This rule was structured around traditional airplane designs that used mechanical control cables and linkages for flight control. These manual controls allowed the crew to maintain aerodynamic control of the airplane for an indefinite period of time after loss of all electrical power. Under these conditions, the mechanical flight control system provided the crew with the ability to fly the airplane while attempting to identify the cause of the electrical failure, start the engine(s) if necessary, and reestablish some of the electrical power generation capability, if possible.

To maintain the same level of safety associated with traditional designs, the 787 must be designed for operation with the normal sources of engine- and auxiliary-power-unit (APU)-generated electrical power inoperative. Service experience has shown that loss of all electrical power from the airplane's engine- and APU-driven generators is not extremely improbable. Thus, Boeing must demonstrate that the airplane is capable of recovering adequate primary electrical power generation for safe flight and landing. This demonstration would provide that the ability to restore operation of portions of the electrical power generation capability would be considered if unrecoverable loss of those portions is shown to be extremely improbable. An alternative source of electrical power would have to be provided for the time necessary to restore the minimum power generation capability necessary for safe flight and landing.

Applicability

As discussed above, these proposed special conditions are applicable to the 787. Should Boeing apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design features, these proposed special conditions would apply to that model as well under the provisions of § 21.101.

Conclusion

This action would affect only certain novel or unusual design features of the 787. It is not a rule of general applicability, and it would affect only the applicant that applied to the FAA for approval of these features on the airplane.

List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these Special Conditions is as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

The Proposed Special Conditions

Accordingly, the Administrator of the Federal Aviation Administration (FAA) proposes the following special conditions as part of the type certification basis for the Boeing Model 787-8 airplane.

In lieu of the requirements of 14 CFR 25.1351(d), the following special conditions apply:

(1) The applicant must show by test or a combination of test and analysis that the airplane is capable of continued safe flight and landing with all normal sources of engine- and auxiliary-power-unit (APU)-generated electrical power inoperative, as prescribed by paragraphs (1)(a) and (1)(b) below. For purposes of this special condition, normal sources of electrical power generation do not include any alternate power sources such as the battery, ram air turbine (RAT), or independent power systems such as the flight control permanent magnet generating system. In showing capability for continued safe flight and landing, consideration must be given to systems capability, effects on crew workload and operating conditions, and the physiological needs of the flightcrew and passengers for the longest diversion time for which approval is sought.

(a) Common cause failures, cascading failures, and zonal physical threats must be considered in showing compliance with this requirement.

(b) In showing compliance with this requirement, the ability to restore operation of portions of the electrical power generation and distribution

system may be considered if it can be shown that unrecoverable loss of those portions of the system is extremely improbable. An alternative source of electrical power must be provided for the time required to restore the minimum electrical power generation capability required for safe flight and landing. (Unrecoverable loss of all engines may be excluded when showing that unrecoverable loss of critical portions of the electrical system is extremely improbable.)

(2) Regardless of any electrical generation and distribution system recovery capability shown under paragraph 1, sufficient electrical system capability must be provided—

(a) to allow time to descend, with all engines inoperative, at the speed that provides the best glide slope, from the maximum operating altitude to the altitude at which the soonest possible engine restart could be accomplished, and

(b) to subsequently allow multiple start attempts of the engines and APU. This capability must be provided in addition to the electrical capability required by existing part 25 requirements related to operation with all engines inoperative.

(3) The electrical energy used by the airplane in descending with engines inoperative from the maximum operating altitude at the best glide slope, and in making multiple attempts to start the engines and APU, must be considered when showing compliance with paragraphs (1) and (2) of these special conditions and with existing 14 CFR part 25 requirements related to continued safe flight and landing.

Issued in Renton, Washington, on October 5, 2007.

Ali Bahrami,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. E7-20310 Filed 10-15-07; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA-2007-29011; Airspace Docket No. 07-AAL-14]

Proposed Revision of Class D and E Airspace; Kenai, AK

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking.

SUMMARY: This action proposes to revise Class D and E airspace at Kenai, AK.

Five Standard Instrument Approach Procedures (SIAPs) are being amended for the Kenai Municipal Airport at Kenai, AK. Additionally, one textual departure procedure (DP) is being amended. Adoption of this proposal would result in revision of existing Class D & E airspace upward, from the surface, from 700 feet (ft.) and 1,200 ft. above the surface, at the Kenai Municipal Airport, Kenai, AK.

DATES: Comments must be received on or before November 30, 2007.

ADDRESSES: Send comments on the proposal to the Docket Management Facility, U.S. Department of Transportation, 1200 New Jersey Avenue, SE., West Building Ground Floor, Room W12-140, Washington, DC 20590-0001. You must identify the docket number FAA-2007-29011/Airspace Docket No. 07-AAL-14, at the beginning of your comments. You may also submit comments on the Internet at <http://www.regulations.gov>. You may review the public docket containing the proposal, any comments received, and any final disposition in person in the Dockets Office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The Docket Office (telephone 1-800-647-5527) is on the plaza level of the Department of Transportation NASSIF Building at the above address.

An informal docket may also be examined during normal business hours at the office of the Manager, Safety, Alaska Flight Service Operations, Federal Aviation Administration, 222 West 7th Avenue, Box 14, Anchorage, AK 99513-7587.

FOR FURTHER INFORMATION CONTACT: Gary Rolf, Federal Aviation Administration, 222 West 7th Avenue, Box 14, Anchorage, AK 99513-7587; telephone number (907) 271-5898; fax: (907) 271-2850; e-mail: gary.ctr.rolf@faa.gov. Internet address: <http://www.alaska.faa.gov/at>.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested parties are invited to participate in this proposed rulemaking by submitting such written data, views, or arguments as they may desire. Comments that provide the factual basis supporting the views and suggestions presented are particularly helpful in developing reasoned regulatory decisions on the proposal. Comments are specifically invited on the overall regulatory, aeronautical, economic, environmental, and energy-related aspects of the proposal. Communications should identify both docket numbers and be submitted in

triplicate to the address listed above. Commenters wishing the FAA to acknowledge receipt of their comments on this notice must submit with those comments a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket No. FAA-2007-29011/Airspace Docket No. 07-AAL-14." The postcard will be date/time stamped and returned to the commenter.

All communications received on or before the specified closing date for comments will be considered before taking action on the proposed rule. The proposal contained in this notice may be changed in light of comments received. All comments submitted will be available for examination in the public docket both before and after the closing date for comments. A report summarizing each substantive public contact with FAA personnel concerned with this rulemaking will be filed in the docket.

Availability of Notice of Proposed Rulemaking's (NPRM's)

An electronic copy of this document may be downloaded through the Internet at <http://www.regulations.gov>. Recently published rulemaking documents can also be accessed through the FAA's Web page at <http://www.faa.gov> or the Superintendent of Document's Web page at <http://www.access.gpo.gov/nara/index.html>.

Additionally, any person may obtain a copy of this notice by submitting a request to the Federal Aviation Administration, Office of Air Traffic Airspace Management, ATA-400, 800 Independence Avenue, SW., Washington, DC 20591 or by calling (202) 267-8783. Communications must identify both docket numbers for this notice. Persons interested in being placed on a mailing list for future NPRM's should contact the FAA's Office of Rulemaking, (202) 267-9677, to request a copy of Advisory Circular No. 11-2A, Notice of Proposed Rulemaking Distribution System, which describes the application procedure.

The Proposal

The FAA is considering an amendment to the Code of Federal Regulations (14 CFR Part 71), which would revise the Class E airspace at the Kenai Municipal Airport, in Kenai, AK. The intended effect of this proposal is to revise Class E airspace upward, from the surface, from 700 ft. and 1,200 ft. above the surface, to contain Instrument Flight Rules (IFR) operations at Kenai Municipal Airport, AK.

The FAA Instrument Flight Procedures Production and

Maintenance Branch has amended five SIAPs and one DP for the Kenai Municipal Airport. The amended approaches are (1) the Very High Frequency Omni-directional Range (VOR) Runway (RWY) 19R, Amendment (Amdt) 18, (2) the Instrument Landing System (ILS) or Localizer (LOC) RWY 19R, Amdt 3, (3) the VOR/Distance Measuring Equipment (DME) RWY 01L, Amdt 7, (4) the Area Navigation (RNAV) Global Positioning System (GPS) RWY 01L, Amdt 1, and (5) the RNAV (GPS) RWY 19R, Amdt 1. Textual DP's are unnamed and are published in the front of the U.S. Terminal Procedures for Alaska. Class D and E controlled airspace extending upward, from the surface, from 700 ft. and 1,200 ft. above the surface, in the Kenai Municipal Airport area would be revised by this action. The proposed airspace is sufficient in size to contain aircraft executing the instrument procedures at the Kenai Municipal Airport, Kenai, AK.

The area would be depicted on aeronautical charts for pilot reference. The coordinates for this airspace docket are based on North American Datum 83. The Class D airspace area designations are published in paragraph 5000 of FAA Order 7400.9R, *Airspace Designations and Reporting Points*, signed August 15, 2007, and effective September 15, 2007, which is incorporated by reference in 14 CFR 71.1. The Class E surface areas designated as extensions to Class D surface areas are published in paragraph 6004 in FAA Order 7400.9R, *Airspace Designations and Reporting Points*, signed August 15, 2007, and effective September 15, 2007, which is incorporated by reference in 14 CFR 71.1. The Class E airspace areas designated as 700/1200 foot transition areas are published in paragraph 6005 in FAA Order 7400.9R, *Airspace Designations and Reporting Points*, signed August 15, 2007, and effective September 15, 2007, which is incorporated by reference in 14 CFR 71.1. The Class D and E airspace designations listed in this document would be published subsequently in the Order.

The FAA has determined that this proposed regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore—(1) Is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal.

Since this is a routine matter that will only affect air traffic procedures and air navigation, it is certified that this rule, when promulgated, will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

The FAA's authority to issue rules regarding aviation safety is found in Title 49 of the United States Code. Subtitle 1, Section 106 describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the agency's authority.

This rulemaking is promulgated under the authority described in Subtitle VII, Part A, Subpart 1, Section 40103, Sovereignty and use of airspace. Under that section, the FAA is charged with prescribing regulations to ensure the safe and efficient use of the navigable airspace. This regulation is within the scope of that authority because it proposes to create Class D and E airspace sufficient in size to contain aircraft executing instrument procedures at Kenai Municipal Airport and represents the FAA's continuing effort to safely and efficiently use the navigable airspace.

List of Subjects in 14 CFR Part 71

Airspace, Incorporation by reference, Navigation (air).

The Proposed Amendment

In consideration of the foregoing, the Federal Aviation Administration proposes to amend 14 CFR part 71 as follows:

PART 71—DESIGNATION OF CLASS A, CLASS B, CLASS C, CLASS D, AND CLASS E AIRSPACE AREAS; AIRWAYS; ROUTES; AND REPORTING POINTS

1. The authority citation for 14 CFR part 71 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40103, 40113, 40120; E.O. 10854, 24 FR 9565, 3 CFR, 1959–1963 Comp., p. 389.

§ 71.1 [Amended]

2. The incorporation by reference in 14 CFR 71.1 of Federal Aviation Administration Order 7400.9R, *Airspace Designations and Reporting Points*, signed August 15, 2007, and effective September 15, 2007, is to be amended as follows:

* * * * *

Paragraph 5000 General.

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AAK AK D Kenai, AK [Revised]

Kenai, Kenai Municipal Airport, AK

(Lat. 60°34'23" N., long. 151°14'42" W.)

That airspace extending upward from the surface to and including 2,600 feet MSL within a 5.2-miles radius of the Kenai Municipal Airport, excluding the airspace below 1,100 feet MSL beyond 4 miles from the Kenai Municipal Airport extending from the 310° bearing clockwise to the 350° bearing from the Kenai Municipal Airport. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Airport/Facility Directory.

* * * * *

Paragraph 6004 Class E Airspace Areas Designated as an Extension to a Class D Surface Area.

AAK AK E4 Kenai, AK [Revised]

Kenai, Kenai Municipal Airport, AK

(Lat. 60°34'23" N., long. 151°14'42" W.)
Kenai VOR/DME (Lat. 60°36'53" N., long. 151°11'43" W.)

That airspace extending upward from the surface within 3.7 miles each side of the 031° radial of the Kenai VOR/DME extending from the 5.2-mile radius of the Kenai Municipal Airport to 10.2 miles northeast of the Kenai Municipal Airport.

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Paragraph 6005 Class E Airspace Areas Extending Upward from 700 feet or More Above the Surface of the Earth.

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AAL AK E5 Kenai, AK [Revised]

Kenai, Kenai Municipal Airport, AK

(Lat. 60°34'23" N., long. 151°14'42" W.)

That airspace extending upward from 700 feet above the surface within a 7.7-mile radius of the Kenai Municipal Airport and within 4 miles east and west of the 031° bearing from the Kenai Municipal Airport extending from the 7.3-mile radius to 11 miles north of the Kenai Municipal Airport; and that airspace extending upward from 1,200 feet above the surface within a 75-mile radius of the Kenai Municipal Airport.

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Issued in Anchorage, AK, on October 5, 2007.

Anthony M. Wylie,

Manager, Alaska Flight Services Information Area Group.

[FR Doc. E7–20313 Filed 10–15–07; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA–2007–29100; Airspace Docket No. 07–AAL–16]

Proposed Revision of Class E Airspace; Soldotna, AK

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking.

SUMMARY: This action proposes to revise Class E airspace at Soldotna, AK. Two new Standard Instrument Approach Procedures (SIAPs) are being developed for the Soldotna Airport at Soldotna, AK. Adoption of this proposal would result in revision of existing Class E airspace upward, from 700 feet (ft.) and 1,200 ft. above the surface, at the Soldotna Airport, Soldotna, AK.

DATES: Comments must be received on or before November 30, 2007.

ADDRESSES: Send comments on the proposal to the Docket Management Facility, U.S. Department of Transportation, 1200 New Jersey Avenue, SE., West Building Ground Floor, Room W12–140, Washington, DC 20590–0001. You must identify the docket number FAA–2007–29100/ Airspace Docket No. 07–AAL–16, at the beginning of your comments. You may also submit comments on the Internet at <http://www.regulations.gov>. You may review the public docket containing the proposal, any comments received, and any final disposition in person in the Dockets Office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The Docket Office (telephone 1–800–647–5527) is on the plaza level of the Department of Transportation NASSIF Building at the above address.

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SUPPLEMENTARY INFORMATION:

Comments Invited

Interested parties are invited to participate in this proposed rulemaking