

compartment that could injure an occupant if it came loose in an emergency landing. Items of mass to be considered include, but are not limited to, rotors, transmissions, and engines. The items of mass must be restrained for the following ultimate inertial load factors:

- (1) Upward—1.5g.
- (2) Forward—4.0g.
- (3) Sideward—2.0g.
- (4) Downward—4.0g.

VAT.785 Seats and berths:

(a) The seats and berths, and their supporting structures, must be designed for loads resulting from the specified flight and landing conditions, including the emergency landing conditions of VAT.561.

(b) The reactions from safety belts and harnesses must be considered.

(c) Each pilot seat must be designed for the reactions resulting from the application of the pilot forces prescribed in Sec. 27.397.

(d) The structural analysis and testing of the structures specified in paragraphs (a) through (c) may be simplified—

(1) By assuming that the critical load in each direction, as determined from the prescribed flight, ground, and emergency landing conditions, acts separately; or

(2) By using selected combinations of loads, if the required strength in the specified directions is proven.

(e) Each occupant's seat must have a combined safety belt and shoulder harness with a single-point release. Each pilot's combined safety belt and shoulder harness must allow each pilot, when seated with safety belt and shoulder harness fastened, to perform all functions necessary for flight operations. There must be a means to secure belts and harnesses, when not in use, to prevent interference with the operation of the rotorcraft and with rapid egress in an emergency.

(f) Each occupant must be protected from serious head injury by a safety belt plus a shoulder harness that will prevent the head from contacting any injurious object.

(g) The safety belt and shoulder harness must meet the static strength requirements specified by this rotorcraft type certification basis.

VAT.963 Fuel tanks: general:

Each flexible fuel tank bladder or liner must be approved or shown to be suitable for the particular application and must be puncture-resistant. Puncture resistance must be shown by meeting TSO-C80 paragraph 16.0 requirements using a minimum puncture force of 250 pounds.

14 CFR 36 through amendment 36-30 as follows:

- Subpart H

Issued in Ft. Worth, Texas, on December 12, 2018.

Jorge Castillo,

Acting Manager, Rotorcraft Standards Branch, Policy and Innovation Division, Aircraft Certification Service.

[FR Doc. 2018-27566 Filed 12-20-18; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25

**Airworthiness Standards:
Transportation Category Airplanes**

CFR Correction

■ In Title 14 of the Code of Federal Regulations, Parts 1 to 59, revised as of January 1, 2018, on page 218, in § 25.143, paragraph (c)(1) is reinstated to read as follows:

§ 25.143 General.

* * * * *

(c) * * *

(1) At the minimum V_2 for takeoff;

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[FR Doc. 2018-27860 Filed 12-20-18; 8:45 am]

BILLING CODE 1301-00-D

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA-2018-0671; Airspace
Docket No. 18-ACE-3]

RIN 2120-AA66

**Establishment of Class E Airspace;
Maurice, IA**

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This action establishes Class E airspace extending upward from 700 feet above the surface at Sioux County Regional Airport, Maurice, IA. Controlled airspace is necessary to accommodate new standard instrument approach procedures developed at Sioux County Regional Airport, for the safety and management of instrument flight rules (IFR) operations at this airport.

DATES: Effective 0901 UTC, February 28, 2019. The Director of the Federal Register approves this incorporation by reference action under Title 1 Code of Federal Regulations part 51, subject to

the annual revision of FAA Order 7400.11 and publication of conforming amendments.

ADDRESSES: FAA Order 7400.11C, Airspace Designations and Reporting Points, and subsequent amendments can be viewed online at http://www.faa.gov/air_traffic/publications/. For further information, you can contact the Airspace Policy Group, Federal Aviation Administration, 800 Independence Avenue SW, Washington, DC 20591; telephone: (202) 267-8783. The Order is also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of FAA Order 7400.11C at NARA, call (202) 741-6030, or go to <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

FAA Order 7400.11, Airspace Designations and Reporting Points, is published yearly and effective on September 15.

FOR FURTHER INFORMATION CONTACT:

Rebecca Shelby, Federal Aviation Administration, Operations Support Group, Central Service Center, 10101 Hillwood Parkway, Fort Worth, TX 76177; telephone (817) 222-5857.

SUPPLEMENTARY INFORMATION:

Authority for This Rulemaking

The FAA's authority to issue rules regarding aviation safety is found in Title 49 of the United States Code. Subtitle I, 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 I, Section 40103. Under that section, the FAA is charged with prescribing regulations to assign the use of airspace necessary to ensure the safety of aircraft and the efficient use of airspace. This regulation is within the scope of that authority as it establishes Class E airspace extending upward from 700 feet above the surface at Sioux County Regional Airport, Maurice, IA, to support IFR operations at the airport.

History

On August 24, 2018, the FAA published a notice of proposed rulemaking in the **Federal Register** (83 FR 42815) for Docket No. FAA-2018-0671, to establish Class E airspace extending upward from 700 feet above the surface at Sioux County Regional Airport, Maurice, IA. Interested parties were invited to participate in this rulemaking effort by submitting written

comments on the proposal to the FAA. No comments were received.

Availability and Summary of Documents for Incorporation by Reference

This document amends FAA Order 7400.11C, Airspace Designations and Reporting Points, dated August 13, 2018, and effective September 15, 2018. FAA Order 7400.11C is publicly available as listed in the ADDRESSES section of this document. FAA Order 7400.11C lists Class A, B, C, D, and E airspace areas, air traffic service routes, and reporting points.

The Rule

This amendment to Title 14 Code of Federal Regulations (14 CFR) part 71 establishes Class E airspace extending upward from 700 feet above the surface within a 6.5-mile radius of Sioux County Regional Airport, Maurice, IA, to accommodate new standard instrument approach procedures developed for the airport, for the safety and management of instrument flight rules (IFR) operations.

Regulatory Notices and Analyses

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current, is non-controversial and unlikely to result in adverse or negative comments. 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 only affects air traffic procedures and air navigation, it is certified that this rule, when promulgated, does not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

Environmental Review

The FAA has determined that this action qualifies for categorical exclusion under the National Environmental Policy Act in accordance with FAA Order 1050.1F, “Environmental Impacts: Policies and Procedures,” paragraph 5–6.5.a. This airspace action is not expected to cause any potentially significant environmental impacts, and no extraordinary circumstances exist that warrant preparation of an environmental assessment.

Lists of Subjects in 14 CFR Part 71

Airspace, Incorporation by reference, Navigation (air).

Adoption of the Amendment

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

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

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

Authority: 49 U.S.C. 106(f), 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 FAA Order 7400.11C, Airspace Designations and Reporting Points, dated August 13, 2018, and effective September 15, 2018, is amended as follows:

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

* * * * *

ACE IA E5 Maurice, IA [New]

Sioux County Regional Airport, IA
(Lat. 42°59'09" N, long. 096°09'41" W)

That airspace extending upward from 700 feet above the surface within a 6.5-mile radius of the Sioux County Regional Airport.

Issued in Fort Worth, Texas, on December 13, 2018.

John Witucki,

*Acting Manager, Operations Support Group,
ATO Central Service Center.*

[FR Doc. 2018–27562 Filed 12–20–18; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 91

[Docket No.: FAA–2017–0782; Amdt. No. 91–354]

RIN 2120–AK87

Use of Automatic Dependent Surveillance—Broadcast (ADS-B) Out in Support of Reduced Vertical Separation Minimum (RVSM) Operations

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: This action revises the FAA’s requirements for application to operate

in RVSM airspace. The amendment eliminates the requirement for operators to apply for an RVSM authorization when their aircraft are equipped with qualified ADS-B Out systems and meet specific altitude keeping equipment requirements for operations in RVSM airspace. This action recognizes the enhancements in aircraft monitoring resulting from the use of ADS-B Out systems and responds to requests from operators to eliminate the burden and expense of the current RVSM application process for aircraft equipped with qualified ADS-B Out systems.

DATES: Effective January 22, 2019.

ADDRESSES: For information on where to obtain copies of rulemaking documents and other information related to this final rule, see “How To Obtain Additional Information” in the **SUPPLEMENTARY INFORMATION** section of this document.

FOR FURTHER INFORMATION CONTACT: For technical questions concerning this action, contact Madison Walton, Aviation Safety Inspector, Flight Technologies and Procedures Division, Flight Standards Services, AFS–400, Federal Aviation Administration, 470 L’Enfant Plaza, Suite 4102, Washington, DC 20024; telephone (202) 267–8850; email *Madison.Walton@faa.gov*.

SUPPLEMENTARY INFORMATION:

Authority for This Rulemaking

The FAA’s authority to issue rules with respect to aviation safety is found in Title 49, United States Code (49 U.S.C.). Sections 106(f), 40113(a), and 44701(a) authorize the FAA Administrator to prescribe regulations necessary for aviation safety. Under Section 40103(b), the FAA is charged with prescribing regulations to enhance the efficiency of the national airspace. This rulemaking is within the scope of these authorities as it removes regulatory requirements that the FAA no longer finds necessary for safe operations in RVSM airspace and establishes requirements for the use of qualified ADS-B Out systems to facilitate operations in that airspace.

I. Overview of Final Rule

This action amends Appendix G of part 91 of Title 14 of the Code of Federal Regulations (14 CFR) to permit an operator of an aircraft equipped with a qualified ADS-B Out system meeting altitude keeping equipment performance requirements for operations in RVSM airspace to operate in that airspace without requiring a specific authorization. Under this action, the FAA considers a qualified ADS-B Out system to be one that meets