

# Rules and Regulations

Federal Register

Vol. 83, No. 245

Friday, December 21, 2018

This section of the FEDERAL REGISTER contains regulatory documents having general applicability and legal effect, most of which are keyed to and codified in the Code of Federal Regulations, which is published under 50 titles pursuant to 44 U.S.C. 1510.

The Code of Federal Regulations is sold by the Superintendent of Documents.

## DEPARTMENT of JUSTICE

### Executive Office for Immigration Review

#### 8 CFR Part 1240

#### Proceedings To Determine Removability of Aliens in the United States

##### CFR Correction

■ In Title 8 of the Code of Federal Regulations, revised as of January 1, 2018, on pages 1017–1018, in § 1240.26, paragraphs (b)(1)(iii) and (iv) are redesignated as paragraphs (b)(3)(iii) and (iv).

[FR Doc. 2018–27859 Filed 12–20–18; 8:45 am]

BILLING CODE 1301–00–D

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 21

Docket No. FAA–2018–0860]

#### Primary Category Airworthiness Design Standards; Vertical Aviation Technologies (VAT) Model S–52L Rotorcraft

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Issuance of final airworthiness design standards.

**SUMMARY:** These airworthiness design standards are issued to Vertical Aviation Technologies (VAT) for certification of the Model S–52L rotorcraft under the regulations for primary category aircraft.

**DATES:** These airworthiness design standards are effective January 22, 2019.

**FOR FURTHER INFORMATION CONTACT:** Michael Hughlett, Aviation Safety Engineer, Rotorcraft Standards Branch, Policy and Innovation Division, FAA, 10101 Hillwood Pkwy., Fort Worth,

Texas 76177; telephone (817) 222–5110; email *Michael.Hughlett@faa.gov*.

**SUPPLEMENTARY INFORMATION:** Any person may obtain a copy of this information by contacting the person named above under **FOR FURTHER INFORMATION CONTACT**.

#### Background

The primary category for aircraft was created specifically for the simple, low performance personal aircraft. Section 21.17(f) provides a means for applicants to propose airworthiness standards for their particular primary category aircraft. The FAA procedure establishing appropriate airworthiness standards includes reviewing and possibly revising the applicants' proposal, publication of the submittal in the **Federal Register** for public review and comment, and addressing the comments. After all necessary revisions, the standards are published as approved FAA airworthiness standards.

#### Comments

Proposed Primary Category Airworthiness Design Standards; Vertical Aviation Technologies (VAT) Model S–52L rotorcraft was published in the **Federal Register** on September 26, 2018 (83 FR 48574). No comments were received, and the airworthiness design standards are adopted as proposed.

#### Applicability

These airworthiness design standards under the primary category rule are applicable to the VAT Model S–52L rotorcraft. Should VAT wish to apply these airworthiness design standards to other rotorcraft models, VAT must submit a new airworthiness design standard application under the primary rule category.

#### Conclusion

This action affects only certain airworthiness design standards on the VAT Model S–52L rotorcraft. It is not a standard of general applicability and it affects only the applicant who applied to the FAA for approval of these features on the rotorcraft.

#### Citation

The authority citation for these airworthiness standards is as follows:

**Authority:** 49 U.S.C. 106(g), 40113 and 44701.

#### Final Airworthiness Standards for Acceptance Under the Primary Category

*CAR 13 effective 03/5/1952 as follows:*  
13.0, 13.10, 13.11, 13.12, 13.13, 13.14, 13.16(a), 13.16(b), 13.16(d), 13.17, 13.18, 13.19, 13.20, 13.21, 13.100, 13.101, 13.102, 13.103, 13.104, 13.110, 13.111, 13.112, 13.113, 13.114, 13.115, 13.150, 13.151, 13.153, 13.155, 13.156, 13.157.

*CAR 13 effective 05/16/1953 as follows:*

13.1, 13.15, 13.152, 13.154.

*14 CFR 33 through amendment 33–9 as follows:*

33.4, Appendix A33.

*14 CFR 33 through amendment 33–30 as follows:*  
33.7(b).

*14 CFR 27 through amendment 27–0, except as noted below:*

- 27.853 at amendment 27–37,
- 27.1351 at amendment 27–13,
- 27.1357 at amendment 27–13,
- 27.1529 at amendment 27–18,
- 27.561 is replaced with VAT.561,
- 27.785 is replaced with VAT.785.

*14 CFR 27 through amendment 27–30 as follows:*  
27.952(a), 27.952(c), 27.952(f), 27.952(g).

*14 CFR 27 through amendment 27–35 as follows:*  
27.975(b).

*VAT.561 General:*

(a) The rotorcraft, although it may be damaged in emergency landing conditions on land or water, must be designed as prescribed in this section to protect the occupants under those conditions.

(b) The structure must be designed to give each occupant every reasonable chance of escaping serious injury in a minor crash landing when—

(1) Proper use is made of seats, belts, and other safety design provisions;

(2) The wheels are retracted (where applicable); and

(3) The occupant experiences the following ultimate inertia forces relative to the surrounding structure:

- (i) Upward—4.0g.
- (ii) Forward—8.0g.
- (iii) Sideward—8.0g.
- (iv) Downward—12.0g.
- (v) Rearward—4.0g.

(c) The supporting structure must be designed to restrain, under any ultimate inertial load up to those specified in this paragraph, any item of mass above and/or behind the crew and passenger

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;

\* \* \* \* \*

[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/](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