

**(e) Unsafe Condition**

This AD was prompted by reports of cracks in HPC rotor stage 2–5 spool aft spacer arms. We are issuing this AD to prevent failure of the HPC rotor stage 2–5 spools. The unsafe condition, if not addressed, could result in uncontained spool release, damage to the engine, and damage to the airplane.

**(f) Compliance**

Comply with this AD within the compliance times specified, unless already done.

**(g) Required Actions**

(1) Remove from service HPC rotor stage 2–5 spools with S/Ns listed in paragraph 4, Appendix A, of GE SB GE90–100 SB 72–0659 R01, dated February 18, 2016, as follows, or before further flight, whichever occurs later:

(i) For spools with fewer than 4,500 flight cycles since new (CSN) as of April 21, 2017, remove before exceeding 5,000 CSN.

(ii) For spools with 4,500 CSN or more but fewer than 5,200 CSN as of April 21, 2017, remove within 500 CIS but not to exceed 5,500 CSN.

(iii) For spools with 5,200 CSN or more but fewer than 5,600 CSN as of April 21, 2017, remove within 300 CIS but not to exceed 5,800 CSN.

(iv) For spools with 5,600 CSN or more but fewer than 5,800 CSN as of April 21, 2017, remove within 200 CIS but not to exceed 5,850 CSN.

(v) For spools with 5,800 CSN or more but fewer than 6,000 CSN as of April 21, 2017, remove within 50 CIS but not to exceed 6,000 CSN.

(vi) For spools with 6,000 CSN or more as of April 21, 2017, remove before the next flight.

(2) Remove from service HPC rotor stage 2–5 spools listed in paragraph (c)(2) of this AD and HPC rotor stage 2–5 spools with S/Ns listed in paragraph 4, Appendix A, of GE SB GE90–100 S/B 72–0714, Revision 01, dated February 16, 2018, before exceeding 8,200 CSN, or before further flight, whichever occurs later.

**(h) Installation Prohibition**

(1) After the effective date of this AD, do not install or reinstall onto any engine, any HPC rotor stage 2–5 spool with an S/N listed in paragraph 4, Appendix A, of GE SB No. GE90–100 SB 72–0499 R01, dated February 5, 2014, or paragraph 4, Appendix A, of GE SB GE90–100 SB72–0659 R01, dated February 18, 2016, that exceeds 5,000 CSN.

(2) After the effective date of this AD, do not install or reinstall onto any engine, any HPC rotor stage 2–5 spool listed in paragraph (c)(2) of this AD, or HPC rotor stage 2–5 spool with an S/N listed in paragraph 4, Appendix A, of GE SB GE90–100 S/B 72–0714, Revision 01, dated February 16, 2018, that exceeds 8,200 CSN.

**(i) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, ECO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector

or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to the attention of the person identified in paragraph (j) of this AD. You may email your request to: *ANE-AD-AMOC@faa.gov*.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

**(j) Related Information**

For more information about this AD, contact David Bethka, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781–238–7129; fax: 781–238–7199; email: *david.bethka@faa.gov*.

**(k) Material Incorporated by Reference**

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(3) The following service information was approved for IBR on November 30, 2018.

(i) General Electric Company (GE) Service Bulletin (SB) GE90–100 SB 72–0499 R01, dated February 5, 2014.

(ii) GE SB GE90–100 S/B 72–0714, Revision 01, dated February 16, 2018.

(4) The following service information was approved for IBR on April 21, 2017 (82 FR 16728, April 6, 2017).

(i) GE SB GE90–100 SB 72–0659 R01, dated February 18, 2016.

(ii) [Reserved.]

(5) For service information identified in this AD, contact General Electric Company, 1 Neumann Way, Room 285, Cincinnati, OH 45215; phone: 513–552–3272; email: *geae.aoc@ge.com*.

(6) You may view this service information at FAA, Engine and Propeller Standards Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781–238–7759.

(7) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Burlington, Massachusetts, on October 17, 2018.

**Karen M. Grant,**

*Acting Manager, Engine and Propeller Standards Branch, Aircraft Certification Service.*

[FR Doc. 2018–23466 Filed 10–25–18; 8:45 am]

**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 71**

[Docket No. FAA–2018–0094; Airspace Docket No. 18–ASW–4]

**RIN 2120–AA66**

**Amendment of Class D Airspace; Tulsa, OK**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** This action amends Class D airspace designated as an extension at Tulsa Lloyd Jones Jr. Airport, Tulsa, OK. This action is a result of an airspace review caused by the decommissioning of the Glenpool VHF omnidirectional range (VOR) navigation aid as part of the VOR Minimum Operational Network (MON) Program and the cancellation of the associated instrument procedures. The geographic coordinates of the airport are also updated; to coincide with the FAA's aeronautical database, as well as an editorial change removing the city associated with the airport name in the airspace legal description. Also, the outdated term "Airport/Facility Directory" is replaced with "Chart Supplement".

**DATES:** Effective 0901 UTC, January 3, 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 modifies Class D airspace designated as an extension at Tulsa Lloyd Jones Jr. Airport, Tulsa, OK, to support instrument flight rules operations at this airport.

##### History

The FAA published a notice of proposed rulemaking in the **Federal Register** (83 FR 14785; April 6, 2018) for Docket No. FAA-2018-0094 to amend the Class D airspace Designated as an extension at Tulsa Lloyd Jones Jr. Airport, Tulsa, OK. Interested parties were invited to participate in this rulemaking effort by submitting written comments on the proposal to the FAA. One comment was received from the Aircraft Owners and Pilots Association (AOPA). In their comment, AOPA stated that the NPRM did not comply with FAA guidance in FAA Order 7400.2L, Procedures for Handling Airspace Matters, because a graphic was not included in the docket. Additionally, AOPA encouraged the FAA to follow their guidance in the Order by making the action effective date coincidental to the sectional chart publication date.

The FAA has determined AOPA's comments raised no substantive issues with respect to the proposed changes to the airspace addressed in the NPRM. To the extent the FAA failed to follow its policy guidance reference publishing graphics in the docket and establishing the Class D airspace effective date to match the sectional chart date, we note the following.

With respect to AOPA's comment addressing graphics, FAA Order 7400.2L, paragraph 2-3-3.c. requires the official docket to include available graphics. For this airspace action, no graphics were deemed necessary or produced in the review or development

of the proposed airspace amendments noted in the NPRM; therefore, no graphics were available to include in the docket.

Specific to AOPA's comment regarding the FAA already creating a graphical depiction of new or modified airspace overlaid on a Sectional Chart for quality assurance purposes, this is not correct nor required in all cases. During the airspace reviews, airspace graphics may be created, if deemed necessary, to determine if there are any terrain issues, or if cases are considered complex. However, in many cases when developing an airspace amendment proposal, a graphic is not required. It was unclear if the graphic AOPA argued was already created with a sectional chart background was actually the airspace graphic created by the Aeronautical Information Services office in preparation of publishing the sectional charts. However, that graphic is normally created after the rulemaking determination is published.

With respect to AOPA's comment addressing effective dates, FAA Order 7400.2L, paragraph 2-3-7.a.4. states that, to the extent practicable, Class D airspace area and restricted area rules should become effective on a sectional chart date and that consideration should be given to selecting a sectional chart date that matches a 56-day en route chart cycle date. The FAA does consider publishing Class D airspace amendment effective dates to coincide with the publication of sectional charts, to the extent practicable; however, this consideration is accomplished after the NPRM comment period ends in the final rule. Substantive comments received to NPRMs, flight safety concerns, management of IFR operations at affected airports, and immediacy of required proposed airspace amendments are some of the factors that must be taken into consideration when selecting the appropriate effective date. After considering all factors, the FAA may determine that selecting an effective date that conforms to a 56-day en route chart cycle date that is not coincidental to sectional chart dates is better for the National Airspace System and its users than awaiting the next sectional chart date.

Class D airspace designations are published in paragraphs 5000 of FAA Order 7400.11C, dated August 13, 2018, and effective September 15, 2018, which is incorporated by reference in 14 CFR 71.1. The Class D airspace designations listed in this document will be published subsequently in the Order.

##### 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 modifies Class D airspace extending upward from the surface to and including 3,100 feet MSL, within a 4-mile radius of Richard Lloyd Jones Jr. Airport, and within 1 mile each side of the 190° radial from the airport RWY 01L-LOC extending from the 4-mile radius to 4.1 miles south of the airport (reduced from 1.3 miles each side of the 350° radial of the Glenpool VOR extending from the 4-mile radius to 4.7 miles south of the airport). This action is necessary due to the decommissioning of the Glenpool VOR as part of the VOR MON Program and cancellation of the associated instrument approach.

The geographic coordinates of the airport are also updated to coincide with the FAA's aeronautical database. Additionally, this action makes an editorial change to the Class D airspace legal description replacing "Airport/Facility Directory" with "Chart Supplement."

Also, an editorial change will be made removing the airport name from the airspace designation, and removing the word "Tulsa" from the airport name, to comply with a change to FAA Order 7400.2L, Procedures for Handling Airspace Matters.

##### 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 5000 Class D Airspace.*

\* \* \* \* \*

#### ASW OK D Tulsa, OK [Amended]

Richard Lloyd Jones Jr., OK

(Lat. 36°02'22" N, long. 95°59'05" W)

That airspace extending upward from the surface to and including 3,100 feet MSL within a 4-mile radius of Richard Lloyd Jones Jr. Airport, and within 1 mile each side of the 190° bearing from the Richard Lloyd Jones Jr. Airport RWY 01L–LOC from the 4 mile radius to 4.1 miles south of the airport, excluding that airspace within the Tulsa International Airport, OK, Class C airspace area. This Class D airspace 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 Chart Supplement.

Issued in Fort Worth, Texas, on October 18, 2018.

**Walter Tweedy,**

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

[FR Doc. 2018–23401 Filed 10–25–18; 8:45 am]

**BILLING CODE 4910–13–P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Docket No. FAA–2018–0468; Airspace  
Docket No. 18–AEA–13]

**RIN 2120–AA66**

#### Amendment of Class E Airspace; Cambridge, MD

**AGENCY:** Federal Aviation  
Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** This action amends Class E airspace extending upward from 700 feet or more above the surface at Cambridge-Dorchester Regional Airport, Cambridge, MD, to accommodate airspace reconfiguration due to the decommissioning of the Cambridge non-directional radio beacon and cancellation of the NDB approach. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport. This action also corrects the region identifier in the description header, and updates the airport name and geographic coordinates.

**DATES:** Effective 0901 UTC, January 3, 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:** John Fornito, Operations Support Group, Eastern Service Center, Federal Aviation Administration, 1701 Columbia Avenue, College Park, GA 30337; telephone (404) 305–6364.

#### 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 amends Class E airspace at Cambridge-Dorchester Regional Airport, Cambridge, MD, to support standard instrument approach procedures for IFR operations in the area.

##### History

The FAA published a notice of proposed rulemaking (NPRM) in the **Federal Register** (83 FR 38098, August 3, 2018) for Docket No. FAA–2018–0468 to amend Class E airspace extending upward from 700 feet or more above the surface at Cambridge-Dorchester Regional Airport, Cambridge, MD.

Subsequent to publication, the FAA found that the airspace designation header was incorrect, and is corrected in this rule.

Interested parties were invited to participate in this rulemaking effort by submitting written comments on the proposal to the FAA. No comments were received.

Class E airspace designations are published in Paragraph 6005, of FAA Order 7400.11C, dated August 13, 2018, and effective September 15, 2018, which is incorporated by reference in 14 CFR 71.1. The E airspace designations listed in this document will be published subsequently in the Order.

##### 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