

direction) acceleration exceeding 20g must be less than 3 milliseconds as measured by the thoracic instrumentation specified in 49 CFR part 572, subpart E, filtered in accordance with SAE recommended practice J211/1, "Instrumentation for Impact Test—Part 1—Electronic Instrumentation."

c. The occupant must not interact with the armrest or other seat components in any manner significantly different than would be expected for a forward-facing seat installation.

#### 4. Pelvis Criteria:

Any part of the load-bearing portion of the bottom of the ATD pelvis must not translate beyond the edges of the seat bottom seat-cushion supporting structure.

#### 5. Femur Criteria:

Axial rotation of the upper leg (about the Z-axis of the femur per SAE Recommended Practice J211/1) must be limited to 35 degrees from the nominal seated position. Evaluation during rebound does not need to be considered.

#### 6. ATD and Test Conditions:

Longitudinal tests conducted to measure the injury criteria above must be performed with the FAA Hybrid III ATD, as described in SAE 1999-01-1609. The tests must be conducted with an undeformed floor, at the most-critical yaw cases for injury, and with all lateral structural supports (e.g. armrests or walls) installed.

**Note:** Boeing must demonstrate that the installation of seats via plinths or pallets meets all applicable requirements. Compliance with the guidance contained in policy memorandum PS-ANM-100-2000-00123, "Guidance for Demonstrating Compliance with Seat Dynamic Testing for Plinths and Pallets," dated February 2, 2000, is acceptable to the FAA.

#### 7. Head Injury Criteria (HIC):

The HIC value must not exceed 1000 at any condition at which the pretensioner does or does not deploy, up to the maximum severity pulse that corresponds to the test conditions specified in § 25.562. Tests must be performed to demonstrate this, taking into account any necessary tolerances for deployment.

When an airbag device is present in addition to the pretensioner restraint system, and the anthropomorphic test device (ATD) has no apparent contact with the seat/structure but has contact with an airbag, a HIC unlimited scored in excess of 1000 is acceptable, provided the HIC15 score (calculated in accordance with 49 CFR 571.208) for that contact is less than 700. ATD head contact with the seat or other structure, through the airbag, or contact subsequent to contact with the airbag,

requires a HIC value that does not exceed 1000.

#### 8. Protection During Secondary Impacts:

The pretensioner activation setting must be demonstrated to maximize the probability of the protection being available when needed, considering secondary impacts.

#### 9. Protection of Occupants Other than 50th Percentile:

Protection of occupants for a range of stature from a 2-year-old child to a 95th percentile male must be shown. For shoulder harnesses that include pretensioners, protection of occupants other than a 50th percentile male may be shown by test or analysis. In addition, the pretensioner must not introduce a hazard to passengers due to the following seating configurations:

- a. The seat occupant is holding an infant.
- b. The seat occupant is a child in a child-restraint device.
- c. The seat occupant is a pregnant woman.

#### 10. Occupants Adopting the Brace Position:

Occupants in the traditional brace position when the pretensioner activates must not experience adverse effects from the pretensioner activation.

#### 11. Inadvertent Pretensioner Actuation:

- a. The probability of inadvertent pretensioner actuation must be shown to be extremely remote (i.e., average probability per flight hour of less than  $10^{-7}$ ).
- b. The system must be shown not susceptible to inadvertent pretensioner actuation as a result of wear and tear, or inertia loads resulting from in-flight or ground maneuvers likely to be experienced in service.
- c. The seated occupant must not be seriously injured as a result of inadvertent pretensioner actuation.
- d. Inadvertent pretensioner activation must not cause a hazard to the airplane, nor cause serious injury to anyone who may be positioned close to the retractor or belt (e.g., seated in an adjacent seat or standing adjacent to the seat).

12. Availability of the Pretensioner Function Prior to Flight:  
The design must provide means for a crewmember to verify the availability of the pretensioner function prior to each flight, or the probability of failure of the pretensioner function must be demonstrated to be extremely remote (i.e., average probability per flight hour of less than  $10^{-7}$ ) between inspection intervals.

13. Incorrect Seat Belt Orientation:  
The system design must ensure that any incorrect orientation (twisting) of

the seat belt does not compromise the pretensioner protection function.

#### 14. Contamination Protection:

The pretensioner mechanisms and controls must be protected from external contamination associated with that which could occur on or around passenger seating.

#### 15. Prevention of Hazards:

The pretensioner system must not induce a hazard to passengers in case of fire, nor create a fire hazard, if activated.

#### 16. Functionality After Loss of Power:

The system must function properly after loss of normal airplane electrical power, and after a transverse separation in the fuselage at the most critical location. A separation at the location of the system does not have to be considered.

Issued in Des Moines, Washington, on June 22, 2020.

**James E. Wilborn,**

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

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**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Docket No. FAA-2020-0361; Airspace Docket No. 20-AEA-9]

**RIN 2120-AA66**

#### Amendment of the Class D and Class E Airspace and Revocation of Class E Airspace; Erie and Corry, PA

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

**ACTION:** Final rule.

**SUMMARY:** This action amends the Class D airspace, Class E surface area airspace, and Class E airspace extending upward from 700 feet above the surface at Erie International Airport/Tom Ridge Field, Erie, PA; revokes the Class E airspace area designated as an extension to Class D and Class E surface area at Erie International Airport/Tom Ridge Field; and amends the Class E airspace extending upward from 700 feet above the surface at Corry-Lawrence Airport, Corry, PA. This action is the result of airspace reviews due to the decommissioning of the Tidioute VHF omnidirectional range (VOR) navigation aid as part of the VOR Minimum Operational Network (MON) Program.

**DATES:** Effective 0901 UTC, September 10, 2020. 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 7400.11D, Airspace Designations and Reporting Points, and subsequent amendments can be viewed online at [https://www.faa.gov/air\\_traffic/publications/](https://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 7400.11D at NARA, email [fedreg.legal@nara.gov](mailto:fedreg.legal@nara.gov) or go to <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

**FOR FURTHER INFORMATION CONTACT:** Jeffrey Claypool, Federal Aviation Administration, Operations Support Group, Central Service Center, 10101 Hillwood Parkway, Fort Worth, TX 76177; telephone (817) 222-5711.

**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 the Class D airspace, Class E surface area airspace, and Class E airspace extending upward from 700 feet above the surface at Erie International Airport/Tom Ridge Field, Erie, PA; revokes the Class E airspace area designated as an extension to Class D and Class E surface area at Erie International Airport/Tom Ridge Field; and amends the Class E airspace extending upward from 700 feet above the surface at Corry-Lawrence Airport, Corry, PA, to support instrument flight rule operations at these airports.

**History**

The FAA published a notice of proposed rulemaking in the **Federal Register** (85 FR 27174; May 7, 2020) for Docket No. FAA-2020-0361 to amend

the Class D airspace, Class E surface area airspace, and Class E airspace extending upward from 700 feet above the surface at Erie International Airport/Tom Ridge Field, Erie, PA; revoke the Class E airspace area designated as an extension to Class D and Class E surface area at Erie International Airport/Tom Ridge Field; and amend the Class E airspace extending upward from 700 feet above the surface at Corry-Lawrence Airport, Corry, PA. 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 D and E airspace designations are published in paragraph 5000, 6002, 6004, and 6005, respectively, of FAA Order 7400.11D, dated August 8, 2019, and effective September 15, 2019, which is incorporated by reference in 14 CFR 71.1. The Class D and 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 7400.11D, Airspace Designations and Reporting Points, dated August 8, 2019, and effective September 15, 2019. FAA Order 7400.11D is publicly available as listed in the **ADDRESSES** section of this document. FAA Order 7400.11D 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: Amends the Class D airspace to within a 4.3-mile (increased from a 4.2-mile) radius of Erie International Airport/Tom Ridge Field, Erie, PA;

Amends the Class E surface area airspace to within a 4.3-mile (increased from a 4.2-mile) radius of Erie International Airport/Tom Ridge Field;

Removes the Class E airspace area designated as an extension to Class D and Class E surface areas at Erie International Airport/Tom Ridge Field, as it is no longer required;

Amends the Class E airspace extending upward from 700 feet above the surface to within a 6.4-mile (decreased from a 7.4-mile) radius of the Corry-Lawrence Airport, Corry, PA; and removes the extension southeast of the airport, as it is no longer required;

And amends the Class E airspace extending upward from 700 feet above the surface to within a 6.8-mile (increased from a 6.7-mile) radius of Erie International Airport/Tom Ridge

Field; amends the extension to within 3.6 miles (decreased from 4.4 miles) each side of the 054° bearing from the Erie International Airport/Tom Ridge Field: RWY 24-LOC (previously the airport) extending from the 6.8-mile (increased from 6.7-mile) radius of the airport to 11.6 miles (decreased from 14 miles) northeast of the airport.

This action is the result of airspace reviews caused by the decommissioning of the Tidioute VOR, which provided navigation information for the instrument procedures at these airports, as part of the VOR MON Program.

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

**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 7400.11D, Airspace Designations and Reporting Points, dated August 8, 2019, and effective September 15, 2019, is amended as follows:

*Paragraph 5000 Class D Airspace.*

\* \* \* \* \*

**AEA PA D Erie, PA [Amended]**

Erie International Airport/Tom Ridge Field, PA

(Lat. 42°04'59" N, long. 80°10'26" W)

That airspace extending upward from the surface to and including 3,200 feet MSL within a 4.3-mile radius of Erie International Airport/Tom Ridge Field. This Class D airspace area is effective during the specific days and times established in advance by a Notice to Airmen. The effective days and times will thereafter be continuously published in the Chart Supplement.

*Paragraph 6002 Class E Airspace Areas Designated as Surface Areas.*

\* \* \* \* \*

**AEA PA E2 Erie, PA [Amended]**

Erie International Airport/Tom Ridge Field, PA

(Lat. 42°04'59" N, long. 80°10'26" W)

That airspace extending upward from the surface within a 4.3-mile radius of Erie International Airport/Tom Ridge Field. This Class E airspace area is effective during the specific days and times established in advance by a Notice to Airmen. The effective days and times will thereafter be continuously published in the Chart Supplement.

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

\* \* \* \* \*

**AEA PA E4 Erie, PA [Removed]**

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

\* \* \* \* \*

**AEA PA E5 Corry, PA [Amended]**

Corry-Lawrence Airport, PA

(Lat. 41°54'27" N, long. 79°38'28" W)

That airspace extending upward from 700 feet above the surface within a 6.4-mile radius of Corry-Lawrence Airport.

\* \* \* \* \*

**AEA PA E5 Erie, PA [Amended]**

Erie International Airport/Tom Ridge Field, PA

(Lat. 42°04'59" N, long. 80°10'26" W)

Erie International Airport/Tom Ridge Field: RWY 24-LOC

(Lat. 42°04'32" N, long. 80°11'12" W)

St. Vincent Health Center Heliport, PA

(Lat. 42°06'43" N, long. 80°04'51" W)

That airspace extending upward from 700 feet above the surface within a 6.8-mile radius of Erie International Airport/Tom Ridge Field, and within 3.6 miles each side of the 054° bearing from the Erie International Airport/Tom Ridge Field: RWY 24-LOC extending from the 6.8-mile radius to 11.6 miles northeast of the airport, and within a 6-mile radius of St. Vincent Health Center Heliport.

Issued in Fort Worth, Texas, on July 6, 2020.

**Steven T. Phillips,**

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

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**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 71**

**[Docket No. FAA–2020–0324; Airspace Docket No. 20–ACE–6]**

**RIN 2120–AA66**

**Amendment of Class E Airspace; Sedalia, MO**

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

**ACTION:** Final rule.

**SUMMARY:** This action amends the Class E airspace extending upward from 700 feet above the surface at Sedalia Regional Airport, Sedalia, MO. This action is the result of an airspace review due to the decommissioning of the Sedalia non-directional beacon (NDB). The name of the airport is also being updated to coincide with the FAA's aeronautical database.

**DATES:** Effective 0901 UTC, September 10, 2020. 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 7400.11D, Airspace Designations and Reporting Points, and subsequent amendments can be viewed online at [https://www.faa.gov/air\\_traffic/publications/](https://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 7400.11D at NARA, email: [fedreg.legal@nara.gov](mailto:fedreg.legal@nara.gov) or go to <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

**FOR FURTHER INFORMATION CONTACT:**

Jeffrey Claypool, Federal Aviation Administration, Operations Support Group, Central Service Center, 10101 Hillwood Parkway, Fort Worth, TX 76177; telephone (817) 222–5711.

**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 the Class E airspace extending upward from 700 feet above the surface at Sedalia Regional Airport, Sedalia, MO, to support instrument flight rule operations at this airport.

**History**

The FAA published a notice of proposed rulemaking in the **Federal Register** (85 FR 26901; May 6, 2020) for Docket No. FAA–2020–0324 to amend the Class E airspace extending upward from 700 feet above the surface at Sedalia Regional Airport, Sedalia, MO. 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 7400.11D, dated August 8, 2019, and effective September 15, 2019, which is incorporated by reference in 14 CFR 71.1. The Class E airspace designations listed in this document will be published subsequently in the Order.