Federal Aviation Administration

14 CFR Part 39


VIN 2120–AA64

Airworthiness Directives; The Boeing Company Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for certain The Boeing Company Model 767–200, –300, –300F, and –400ER series airplanes. This AD was prompted by a determination that new or more restrictive airworthiness limitations (AWLs) are necessary. This AD requires revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective July 1, 2021.

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.

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

(c) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, Large Aircraft Section, International Validation Branch, FAA; or EASA; or ATR–GIE Avions de Transport Regional EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(i) Related Information

For more information about this AD, contact Shahram Daneshmandi, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206–231–3220; email: shahram.daneshmandi@faa.gov.

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 this AD specifies otherwise.


(3) For EASA AD 2020–0227, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email ADs@easa.europa.eu; internet www.easa.europa.eu. You may find this EASA AD on the EASA website at https://ad.easa.europa.eu.

(4) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195. This material may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2020–1184.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fedreg.legal@nara.gov; or on the archives.gov/federal-register/cfr/ibr-locations.html.

Issued on April 23, 2021.

Gaetano A. Sciortino,
Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021–11899 Filed 5–26–21; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Room W12–140, 1200 New Jersey Avenue SE, Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT:
Wayne Lockett, Aerospace Engineer, Airframe Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206–231–3524; email: wayne.lockett@faa.gov.

SUPPLEMENTARY INFORMATION:

Background

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain The Boeing Company Model 767–200, –300, –300F, and –400ER series airplanes. The NPRM published in the Federal Register on November 7, 2019 (84 FR 69007). The NPRM was prompted by a determination that new or more restrictive AWLs are necessary. In the NPRM, the FAA proposed to require revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive AWLs.

The FAA issued a supplemental notice of proposed rulemaking (SNPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain The Boeing Company Model 767–200, –300, –300F, and –400ER series airplanes. The SNPRM published in the Federal Register on February 24, 2021 (86 FR 11158). The SNPRM was prompted by a determination that new or more restrictive AWLs are necessary. The SNPRM proposed to add airplanes to the applicability, and to require revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive AWLs. The FAA is issuing this AD to address inadequate AWL and damage tolerance rating (DTR) values in the maintenance or inspection program that reduce the probability of detection for foreseeable fatigue cracking of structurally significant items (SSIs). This condition, if not addressed, could result in the loss of limit load capability of an SSI as well as loss of continued safe flight and landing of the airplane.

Discussion of Final Airworthiness Directive

Comments

The FAA received comments from Boeing, FedEx Express, and United Airlines, who stated support for the SNPRM without change.

Conclusion

The FAA reviewed the relevant data, considered the comments received, and determined that air safety requires
adapting this AD as proposed. Except for minor editorial changes, this AD is adopted as proposed in the SNPRM. None of the changes will increase the economic burden on any operator.

Related Service Information Under 1 CFR Part 51

The FAA reviewed the following service information, which specifies AWLs for structural inspections and structural safety life limits, among other limitations. These documents are distinct since they apply to different airplane configurations.

- Boeing 767–200/300/300F/400ER Airworthiness Limitations (AWLs), D622T001–9–01, dated July 2020.
- Boeing 767–200/300/300F/400ER Airworthiness Limitations—Line Number Specific, D622T001–9–02, dated August 2020.

The FAA also reviewed Boeing 767–200/300/300F/400ER Damage Tolerance Rating (DTR) Check Form Document, D622T001–DTR, dated February 2020. This service information includes the DTR check forms and the procedure for their use.

This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in ADDRESSES.

Costs of Compliance

The FAA estimates that this AD affects 542 airplanes of U.S. registry. The FAA estimates the following costs to comply with this AD:

<table>
<thead>
<tr>
<th>Action</th>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reporting</td>
<td>$85 1 work-hour × $85 per hour</td>
<td>$0</td>
<td>$85</td>
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</tbody>
</table>

ESTIMATED COSTS OF ON-CONDITION ACTIONS

Paperwork Reduction Act

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120–0056. Public reporting for this collection of information is estimated to take approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177–1524.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. 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.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

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

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive:


(a) Effective Date

This airworthiness directive (AD) is effective July 1, 2021.

(b) Affected ADs


(c) Applicability

(1) This AD applies to The Boeing Company Model 767–200, –300, –300F, and –400ER series airplanes, certificated in any category, line numbers 1 through 1218 inclusive.

The FAA has determined that revising the existing maintenance or inspection program takes an average of 90 work-hours per operator, although the FAA recognizes that this number may vary from operator to operator. Since operators incorporate maintenance or inspection program changes for their affected fleet(s), the FAA has determined that a per-operator estimate is more accurate than a per-airplane estimate. Therefore, the FAA estimates the total cost per operator to be $7,650 (90 work-hours × $85 per work-hour).
(2) Installation of Supplemental Type Certificate (STC) ST01920SE affects the ability to accomplish some of the actions required by this AD. Therefore, for airplanes on which STC ST01920SE is installed, a “change in product” alternative method of compliance (AMOC) approval may be necessary to comply with the requirements of 14 CFR 39.17.

(d) Subject
Air Transport Association (ATA) of America Code 27, Flight Controls; 52, Doors; 53, Fuselage; 54, Nacelles/pylons; 55, Stabilizers; 57, Wings.

(e) Unsafe Condition
This AD was prompted by a determination that new or more restrictive airworthiness limitations (AWLs) are necessary. The FAA is issuing this AD to address inadequate AWL and damage tolerance rating (DTR) values in the maintenance or inspection programs that reduce the probability of detection for foreseeable fatigue cracking of structurally significant items (SSIs). This condition, if not addressed, could result in the loss of limit load capability of an SSI as well as loss of continued safe flight and landing of the airplane.

(f) Compliance
Comply with this AD within the compliance times specified, unless already done.

(g) Maintenance or Inspection Program Revision
Within 24 months after the effective date of this AD, revise the existing maintenance or inspection program, as applicable, to incorporate the information specified in Boeing 767–200/300/300F/400ER Airworthiness Limitations (AWLs), D622T001–9–01, dated July 2020; and Boeing 767–200/300/300F/400ER Damage Tolerance Rating (DTR) Check Form Document, D622T001–DTR, dated February 2020; or within 24 months after the effective date of this AD; whichever occurs later.

(i) No Alternative Actions or Intervals
After the existing maintenance or inspection program has been revised as required by paragraph (g) of this AD, no alternative actions or intervals may be used unless the actions or intervals are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (l) of this AD.

(j) Terminating Action for AD 2014–14–04
Accomplishing the actions required by this AD terminates all requirements of AD 2014–14–04.

(k) Paperwork Reduction Act Burden Statement
A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120–0056. Public reporting for this collection of information is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Information Collection Clearance Office, Federal Aviation Administration, 1000 Independence Avenue, SW, Room 334-0805, Washington, DC 20590–0805.

(l) Alternative Methods of Compliance (AMOCs)
(1) The Manager, Seattle ACO 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 responsible Flight Standards 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 (m) of this AD. Information may be emailed to: ANM-Seattle-ACO-AMOC-Requests@faa.gov.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by The Boeing Company Organization Designation Authorization (ODA) that has been authorized by the Manager, Seattle ACO Branch, to make those findings. To be approved, the repair method, modification deviation, or alteration deviation must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

(4) AMOCs for repairs and alterations approved previously for AD 2003–18–10, Amendment 39–13301 (68 FR 33503, September 11, 2003) (AD 2003–18–10), and AD 2014–14–04 are approved as AMOCs for the corresponding actions specified in this AD. All other AMOCs for AD 2003–18–10 and AD 2014–14–04 are not approved as AMOCs for this AD.

(5) Repairs done before the effective date of this AD that meet the conditions specified in paragraphs (i)(5)(i) through (iii) of this AD are acceptable methods of compliance for the repaired area where the inspections of the baseline structure cannot be accomplished.

(i) The repair was approved under both 14 CFR 25.571 and 14 CFR 26.43(d) by The Boeing Company ODA that has been authorized by the Manager, Seattle ACO Branch, FAA, to make those findings.

(ii) The repair approval provides an inspection program (inspection threshold, method, and repetitive interval) for the repair.

(iii) Operators revised their existing maintenance or inspection program, as applicable, to include the inspection program (inspection threshold, method, and repetitive interval) for the repair.

(m) Related Information
For more information about this AD, contact Wayne Lockett, Aerospace Engineer, Airframe Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206–231–3524; email: wayne.lockett@faa.gov.
SUMMARY: This action modifies the Class E airspace, designated as a surface area for Baker City Municipal Airport. This action also proposes to establish Class E airspace, designated as an extension to a Class D or Class E surface area. Additionally, this action modifies the Class E airspace extending upward from 700 feet above the surface. This action also removes the Baker City VORTAC from the Class E2 and the VOR/DME from the Class E5 text headers and airspace descriptions. Lastly, this action implements several administrative corrections to the airspaces’ legal descriptions.

DATES: Effective 0901 UTC, August 12, 2021. The Director of the Federal Register approves this incorporation by reference action under 1 CFR part 51, subject to the annual revision of FAA Order 7400.11 and publication of conforming amendments.

ADDRESSES: FAA Order 7400.11E, Airspace Designations and Reporting Points, and subsequent amendments can be viewed online at 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 7400.11E at NARA, email fedreg.legal@nara.gov or go to https://www.archives.gov/federal-register/cfr/ibr-locations.html.

FOR FURTHER INFORMATION CONTACT: Elizabeth Healy, Federal Aviation Administration, Western Service Center, Operations Support Group, 2200 S 216th Street, Des Moines, WA 98198; telephone (206) 291–2227.

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, Airway 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. 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 E airspace at Baker City Municipal Airport, Baker City, OR, to ensure the safety and management of IFR operations at the airport.

History

The FAA published a notice of proposed rulemaking in the Federal Register (86 FR 13244; March 8, 2021) for Docket No. FAA–2021–0041 to modify the Class E airspace at Baker City Municipal Airport, Baker City, OR. Interested parties were invited to participate in this rulemaking effort by submitting written comments on the proposal to the FAA. One non-substantive comment was received suggesting it would be helpful if a graphic was included with the proposed notice showing how the sectional chart will change.

Class E2, E4, and E5 airspace designations are published in paragraph 6002, 6004, and 6005 of FAA Order 7400.11E, dated July 21, 2020, and effective September 15, 2020, which is incorporated by reference in 14 CFR 71.1. The Class E airspace designation 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 7400.11E, Airspace Designations and Reporting Points, dated July 21, 2020, and effective September 15, 2020. FAA Order 7400.11E is publicly available as listed in the ADDRESSES section of this document. FAA Order 7400.11E lists Class A, B, C, D, and E airspace areas, air traffic service routes, and reporting points.

The Rule

This amendment to 14 CFR part 71 modifies the Class E airspace designated as a surface area, at Baker City Municipal Airport. This area is designed to contain arriving IFR aircraft descending below 1,000 feet above the surface, and IFR departures until reaching 700 feet above the surface. This area is described as follows: That airspace extending upward from the surface within a 4.2-mile radius of the airport, and within 1.8 miles north and 3.1 miles south of the 097° bearing from the airport, extending from the 4.2-mile radius to 5.3 miles east of the airport, and within 1.8 miles southwest and 1.9 miles northeast of the 142° bearing from the airport, extending from the 4.2-mile radius to 9.4 miles southeast of the airport.

This action also modifies the Class E airspace by establishing an area that is designated as an extension to a Class D or Class E surface area. This area is designed to properly contain IFR aircraft descending below 1,000 feet above the surface. This area is described as follows: That airspace extending upward from the surface within 5.2 miles each side of the 332° bearing from the airport, extending from the 4.2-mile...