

even if new, unless the actions required by paragraph (g)(1) of this AD have been accomplished.

(2) For any post-HG mod 20-040 helicopter: As of the effective date of this AD, do not install an MRH or swashplate guide, with rotating or non-rotating scissor fitting P/N G12-00-200 installed, respectively, on any helicopter.

(i) Credit for Previous Actions

(1) This paragraph provides credit for the actions required by paragraph (g)(1) of this AD if you accomplished Guimbal Service Bulletin SB 20-012, Revision A, dated September 1, 2020, before February 22, 2021 (the effective date of AD 2021-02-20).

(2) This paragraph provides credit for the first instance of the actions required by paragraph (g)(2) of this AD if you accomplished Guimbal Service Bulletin SB 20-011, Revision B, dated September 1, 2020, before February 22, 2021 (the effective date of AD 2021-02-20).

(3) This paragraph provides credit for the actions required by paragraph (g)(2) of this AD if you accomplished Guimbal Service Bulletin SB 20-011, Revision C, dated October 5, 2020, before the effective date of this AD.

(4) This paragraph provides credit for the actions required by paragraph (g)(3) of this AD if you accomplished Guimbal Service Bulletin SB 21-007, Revision B, dated April 4, 2021, before the effective date of this AD.

(j) Special Flight Permits

A special flight permit may be permitted provided that there are no passengers onboard, and the flight is operating under day Visual Flight Rules, for the purpose of ferrying the helicopter to an authorized maintenance facility.

(k) Alternative Methods of Compliance (AMOCs)

(1) The Manager, International Validation 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 International Validation Branch, send it to the attention of the person identified in paragraph (l)(1) of this AD. Information may be emailed to: 9-AVS-AIR-730-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.

(l) Related Information

(1) For more information about this AD, contact Darren Gassetto, Aerospace Engineer, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 1600 Stewart Ave., Suite 410, Westbury, NY 11590; telephone (516) 228-7323; email Darren.Gassetto@faa.gov.

(2) For service information identified in this AD, contact Hélicoptères Guimbal, 1070, rue du Lieutenant Parayre, Aéroport d'Aix-

en-Provence, 13290 Les Milles, France; telephone 33-04-42-39-10-88; email support@guimbal.com; web <https://www.guimbal.com>. You may view this referenced service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110.

(3) The subject of this AD is addressed in European Union Aviation Safety Agency (EASA) AD 2021-0155, dated July 2, 2021. You may view the EASA AD on the internet at <https://www.regulations.gov> in Docket No. FAA-2022-0020.

Issued on January 25, 2022.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2022-01829 Filed 1-28-22; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2021-1173; Project Identifier AD-2021-00917-T]

RIN 2120-AA64

Airworthiness Directives; The Boeing Company Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to adopt a new airworthiness directive (AD) for all The Boeing Company Model 747-8F series airplanes. This proposed AD was prompted by reports of fuselage crown stringer cracking between station (STA) 740 and STA 1000, stringer (S)-7 to S-12. This proposed AD would require repetitive detailed inspections for cracking of fuselage crown stringers and applicable on-condition actions. The FAA is proposing this AD to address the unsafe condition on these products.

DATES: The FAA must receive comments on this proposed AD by March 17, 2022.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- **Federal eRulemaking Portal:** Go to <https://www.regulations.gov>. Follow the instructions for submitting comments.

- **Fax:** 202-493-2251.

- **Mail:** U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

- **Hand Delivery:** Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Boeing Commercial Airplanes, Attention: Contractual & Data Services (C&DS), 2600 Westminister Blvd., MC 110-SK57, Seal Beach, CA 90740-5600; telephone 562-797-1717; internet <https://www.myboeingfleet.com>. You may view this referenced service information 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. It is also available at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-1173.

Examining the AD Docket

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-1173; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this NPRM, any comments received, and other information. The street address for Docket Operations is listed above.

FOR FURTHER INFORMATION CONTACT:

Stefanie Roesli, Aerospace Engineer, Airframe Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3964; email: stefanie.n.roesli@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited

The FAA invites you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under **ADDRESSES**. Include "Docket No. FAA-2021-1173; Project Identifier AD-2021-00917-T" at the beginning of your comments. The most helpful comments reference a specific portion of the proposal, explain the reason for any recommended change, and include supporting data. The FAA will consider all comments received by the closing date and may amend this proposal because of those comments.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will post all comments received, without change, to <https://www.regulations.gov>, including any personal information you provide. The agency will also post a report

summarizing each substantive verbal contact received about this NPRM.

Confidential Business Information

CBI is commercial or financial information that is both customarily and actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your comments responsive to this NPRM contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this NPRM, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as "PROPIN." The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this NPRM. Submissions containing CBI should be sent to Stefanie Roesli, Aerospace Engineer, Airframe Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3964; email: stefanie.n.roesli@faa.gov. Any commentary that the FAA receives which is not specifically designated as CBI will be placed in the public docket for this rulemaking.

Background

The FAA has received reports of fuselage crown stringer cracking located on the left and right sides at S-7, S-8, S-9, S-10, S-11, and S-12, between STA 740 and STA 1000. Some of these reports were made during airplane production, and others were found on airplanes currently in operation. The existing maintenance inspections

cannot reliably detect cracking at multiple stringers and bay frames. Any crack in these locations must be found and repaired before reaching a critical length. Without an inspection, any crack may grow in length and go undetected. This condition, if not addressed, could result in the inability of a structural element to sustain limit load, and could adversely affect the structural integrity of the airplane.

FAA's Determination

The FAA is issuing this NPRM after determining that the unsafe condition described previously is likely to exist or develop on other products of the same type design.

Related Service Information Under 1 CFR Part 51

The FAA reviewed Boeing Alert Requirements Bulletin 747-53A2906 RB, dated July 16, 2021. This service information specifies procedures for repetitive detailed inspections for cracking of fuselage crown stringers, repair of cracks, and a high frequency eddy current (HFEC) inspection for cracking of repaired areas. 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.

Proposed AD Requirements in This NPRM

This proposed AD would require accomplishing the actions specified in the service information already described, except as discussed under "Difference Between this Proposed AD and the Service Information" and except for any differences identified as

exceptions in the regulatory text of this proposed AD. For information on the procedures and compliance times, see this service information at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-1173.

Clarification of Proposed Inspection Requirements

Table 1 of Boeing Alert Requirements Bulletin 747-53A2906 RB, dated July 16, 2021, specifies repetitive detailed inspections to detect cracking of the side crown stringers on all airplanes. Table 1 of the service information does not specifically state that airplanes with no crack found ("Condition 1") may have additional work. However, for airplanes with Condition 1 that have any repairs in the inspection area, the HFEC inspection specified in Table 2 of the service information would also be required.

Difference Between This Proposed AD and the Service Information

The applicability in this proposed AD does not refer to paragraph 1., "Effectivity," of Boeing Alert Requirements Bulletin 747-53A2906 RB, dated July 16, 2021, because this service information does not contain a comprehensive list of the airplanes affected by the identified unsafe condition. Therefore, the applicability of this proposed AD is all Model 747-8F series airplanes.

Costs of Compliance

The FAA estimates that this AD, if adopted as proposed, would affect 33 airplanes of U.S. registry. The FAA estimates the following costs to comply with this proposed AD:

ESTIMATED COSTS

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Repetitive detailed inspections.	84 work-hours × \$85 per hour = \$7,140 per inspection cycle.	\$0	\$7,140 per inspection cycle.	\$235,620 per inspection cycle.

The FAA estimates the following costs to do any necessary repairs that

would be required based on the results of the proposed inspection. The agency

has no way of determining the number of aircraft that might need these repairs:

ON-CONDITION COSTS

Action	Labor cost	Parts cost	Cost per product
HFEC inspection ...	1 work-hour × \$85 per hour = \$85	\$0	\$85.
Repair	Up to 550 work-hours × \$85 per hour = \$46,750 (per repaired area)	2,400	Up to \$49,150.

The FAA has included all known costs in its cost estimate. According to the manufacturer, however, some or all of the costs of this proposed AD may be

covered under warranty, thereby reducing the cost impact on affected operators.

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.

The FAA is issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: General requirements. Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

The FAA determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Would not affect intrastate aviation in Alaska, and
- (3) Would not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 39

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

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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:

The Boeing Company: Docket No. FAA–2021–1173; Project Identifier AD–2021–00917–T.

(a) Comments Due Date

The FAA must receive comments on this airworthiness directive (AD) by March 17, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all The Boeing Company Model 747–8F series airplanes, certificated in any category.

(d) Subject

Air Transport Association (ATA) of America Code 53, Fuselage.

(e) Unsafe Condition

This AD was prompted by reports of fuselage crown stringer cracking between STA 740 and STA 1000, S–7 to S–12. The FAA is issuing this AD to address cracking in fuselage crown stringers. This condition, if not addressed, could result in the inability of a structural element to sustain limit load, and could adversely affect the structural integrity of the airplane.

(f) Compliance

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

(g) Required Actions

Except as specified by paragraph (h) of this AD: At the applicable times specified in the "Compliance" paragraph of Boeing Alert Requirements Bulletin 747–53A2906 RB, dated July 16, 2021, do all applicable actions identified in, and in accordance with, the Accomplishment Instructions of Boeing Alert Requirements Bulletin 747–53A2906 RB, dated July 16, 2021.

Note 1 to paragraph (g): Guidance for accomplishing the actions required by this AD can be found in Boeing Alert Service Bulletin 747–53A2906, dated July 16, 2021, which is referred to in Boeing Alert Requirements Bulletin 747–53A2906 RB, dated July 16, 2021.

(h) Exception to Service Information Specifications

Where the Compliance Time columns of the tables in the "Compliance" paragraph of Boeing Alert Requirements Bulletin 747–53A2906 RB, dated July 16, 2021, use the phrase "the original issue date of Requirements Bulletin 747–53A2906 RB," this AD requires using "the effective date of this AD."

(i) 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 (j)(1) of this AD. Information may be emailed to: 9-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, FAA, 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.

(j) Related Information

(1) For more information about this AD, contact Stefanie Roesli, Aerospace Engineer, Airframe Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206–231–3964; email: stefanie.n.roesli@faa.gov.

(2) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Contractual & Data Services (C&DS), 2600 Westminister Blvd., MC 110–SK57, Seal Beach, CA 90740–5600; telephone 562–797–1717; internet <https://www.myboeingfleet.com>. You may view this referenced service information 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.

Issued on December 29, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA–2021–1177; Project Identifier AD–2021–00570–T]

RIN 2120–AA64

Airworthiness Directives; The Boeing Company Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to adopt a new airworthiness directive (AD) for certain The Boeing Company Model 767–200, –300, –300F, and –400ER airplanes. This proposed AD was prompted by reports of burned Boeing Material Specification (BMS) 8–39 urethane foam, which is a material with fire-retardant properties that deteriorate with age. This proposed AD would