

Applicability

(c) This AD applies to Fokker Model F.28 Mark 0070 and Mark 0100 airplanes, certificated in any category, all serial numbers, except those previously modified in accordance with Fokker Service Bulletin SBF100-30-022.

Subject

(d) Air Transport Association (ATA) of America Code 30: Ice and Rain Protection.

Reason

(e) The mandatory continuing airworthiness information (MCAI) states:

In 1997, Fokker introduced a new type of Peri-seal (SBF100-30-022). The old type was known to be subject to deterioration, which, in combination with improper installation, can cause leakage of hot wing anti-icing air from the Peri-seal housing. This results in an uncontrolled flow of high-pressure hot air to enter the forward (anti-icing) plenum chamber of the wing leading edge, potentially damaging the anti-icing barrier webs. Subsequently, the wing auxiliary spar can also be damaged by high-pressure hot air. Analysis at the time showed that any resulting damage (known to occur at inboard positions only) would not affect the wing load capability. For this reason, the modification was not classified as MANDATORY and no AD action was warranted. However, through a recent occurrence, it was discovered that deterioration of the Peri-seals enables the piccolo tubes to vibrate, resulting in a broken piccolo tube. In this case, the location of the failure was more outboard than previous occurrences. This condition, if not corrected, may cause heat damage to the front spar that potentially affects the wing's load capability. Since an unsafe condition was identified, likely to exist or develop on an aircraft of this type design, CAA (Civil Aviation Authority) Netherlands issued AD NL-2006-011 to require inspection of the Piccolo Tubes and the surrounding structure to establish correct installation, as well as the replacement of the 460-series Peri-seals by the improved 600-series, which have a higher temperature limit.

Since the issuance of that AD, Fokker has developed a modification, published as Component Service Bulletin (CSB) D14000-57-007, for spare wing leading edge sections that may still contain the 460-series Peri-seals. For that reason, this EASA AD retains the requirements of AD NL-2006-011 and adds a limit for the allowed use of unmodified wing leading edge section as replacement part.

The corrective actions include inspection of the piccolo tubes and the wing leading edge for damage, and replacement of the Peri-seals, or repair of damage, as applicable.

Actions and Compliance

(f) Unless already done, do the following actions.

(1) Within 4,000 flight hours or 12 months after the effective date of this AD, whichever occurs first, do the actions in paragraphs (f)(1)(i) and (f)(1)(ii) of this AD in accordance with the Accomplishment Instructions of

Fokker Service Bulletin SBF100-30-028, Revision 1, dated April 17, 2007.

(i) Inspect for damage of the piccolo tubes and the wing leading edge on the outside and on the inside at the access panels. If any damage is found that is beyond the limits specified in the service bulletin, repair before further flight.

(ii) Replace the 460-series Peri-seals in the riblets with improved 600-series Peri-seals.

(2) As of 12 months after the effective date of this AD, no person may install on any airplane a spare wing leading edge section unless the leading edge section has been modified in accordance with Fokker Component Service Bulletin D14000-57-007, dated April 17, 2007.

(3) Actions done before the effective date of this AD in accordance with Fokker Service Bulletin SBF100-30-028, dated May 18, 2006, are considered acceptable for compliance with the actions required by paragraph (f)(1) of this AD.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions

(g) The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1137; fax (425) 227-1149. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) Reporting Requirements: For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act, the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(h) Refer to European Aviation Safety Agency (EASA) Airworthiness Directive 2007-0229, dated August 15, 2007; Fokker Service Bulletin SBF100-30-028, Revision 1, dated April 17, 2007; and Fokker Component Service Bulletin D14000-57-007, dated April 17, 2007; for related information.

Material Incorporated by Reference

(i) You must use Fokker Service Bulletin SBF100-30-028, Revision 1, dated April 17, 2007, to do the actions required by this AD, unless the AD specifies otherwise.

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

(2) For service information identified in this AD, contact Fokker Services B.V., Technical Services Dept., P.O. Box 231, 2150 AE Nieuw-Vennep, the Netherlands.

(3) You may review copies at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or 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 Renton, Washington, on April 8, 2008.

Ali Bahrami,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. E8-8256 Filed 4-18-08; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA-2007-29063; Directorate Identifier 2007-NM-049-AD; Amendment 39-15480; AD 2008-08-26]

RIN 2120-AA64

Airworthiness Directives; Boeing Model 767 Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for all Boeing Model 767 airplanes. This AD requires a one-time inspection to determine the material of the forward and aft gray water drain masts. For airplanes having composite gray water drain masts, this AD also requires installation of a ground bracket and a bonding jumper between a ground bracket and the clamp on the tube of the forward and aft gray water composite drain masts. This AD results from a report of charred insulation blankets and burned wires around the forward gray water composite drain mast found during an inspection of the forward cargo compartment. We are issuing this AD to prevent a fire near a composite drain mast and possible disruption of the electrical power system caused by a lightning strike on a composite drain

mast, which could result in the loss of several functions essential for safe flight.

DATES: This AD is effective May 27, 2008.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of May 27, 2008.

ADDRESSES: For service information identified in this AD, contact Boeing Commercial Airplanes, P.O. Box 3707, Seattle, Washington 98124-2207.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (telephone 800-647-5527) is the Document Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT: Nicholas Wilson, Aerospace Engineer, Cabin Safety and Environmental Systems Branch, ANM-150S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 917-6476; fax (425) 917-6590.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR

part 39 to include an airworthiness directive (AD) that would apply to all Boeing Model 767 airplanes. That NPRM was published in the **Federal Register** on August 31, 2007 (72 FR 50276). That NPRM proposed to require a one-time inspection to determine the material of the forward and aft gray water drain masts. For airplanes having composite gray water drain masts, that NPRM also proposed to require installation of a ground bracket and a bonding jumper between a ground bracket and the clamp on the tube of the forward and aft gray water composite drain masts.

Comments

We gave the public the opportunity to participate in developing this AD. We considered the comments received from the single commenter.

Request To Remove Airplanes From the Applicability Statement of the Proposed AD

Boeing requests that we revise the applicability statement of the NPRM to remove certain airplanes. Boeing states that Model 767 airplanes beginning with line number 934 have a ground bracket and bonding jumper installed in production for both the forward and the aft composite gray water drain masts. Therefore, Boeing asserts that these airplanes should not be subject to this AD.

We partially agree. For the reason stated by Boeing, we have determined that these airplanes should not be subject to this AD. However, we do not agree to revise the Applicability statement of this AD as suggested by Boeing. Instead, we have revised the Applicability statement of this final rule

to state, “This AD applies to Boeing Model 767-200, -300, -300F, and -400ER series airplanes, certificated in any category; as identified in Boeing Special Attention Service Bulletin 767-30-0047, dated January 25, 2007; and Boeing Special Attention Service Bulletin 767-30-0048, dated January 25, 2007.” We have confirmed that the effectiveness of these service bulletins match the applicability suggested by Boeing.

Explanation of Changes Made to This AD

We have confirmed with the airplane manufacturer that the composite and aluminum drain mast can be interchangeable. Therefore, we have added a new paragraph (h), “Parts Installation,” to this final rule to prohibit installation of a composite gray water drain mast, unless a new ground bracket and bonding jumper are also installed, as specified in paragraph (g) of this AD. We have also re-identified subsequent paragraphs accordingly.

Conclusion

We reviewed the relevant data, considered the comment received, and determined that air safety and the public interest require adopting the AD with the changes described previously. We also determined that these changes will not increase the economic burden on any operator or increase the scope of the AD.

Costs of Compliance

There are about 86 airplanes of the affected design in the worldwide fleet. The following table provides the estimated costs for U.S. operators to comply with this AD.

ESTIMATED COSTS

| Action | Work hours | Average labor rate per hour | Parts | Cost per airplane | Number of U.S.-registered airplanes | Fleet cost |
|---|------------|-----------------------------|-------------------|-------------------|-------------------------------------|-----------------|
| Inspection to determine gray water drain mast material. | 1 | \$80 | None | \$80 | 41 | \$3,280. |
| Installation of bonding jumper. | 4 | 80 | Up to \$654 | Up to \$974 | Up to 41 | Up to \$39,934. |

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.

We are 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

This AD will not have federalism implications under Executive Order 13132. This AD will 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 that this AD:

- (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) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

You can find our regulatory evaluation and the estimated costs of compliance in the AD Docket.

List of Subjects in 14 CFR Part 39

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

Adoption of 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 AD:

2008–08–26 Boeing: Amendment 39–15480.
Docket No. FAA–2007–29063;
Directorate Identifier 2007–NM–049–AD.

Effective Date

(a) This airworthiness directive (AD) is effective May 27, 2008.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Boeing Model 767–200, –300, –300F, and –400ER series airplanes, certificated in any category; as identified in Boeing Special Attention Service Bulletin 767–30–0047, dated January 25, 2007; and Boeing Special Attention Service Bulletin 767–30–0048, dated January 25, 2007.

Unsafe Condition

(d) This AD results from a report of charred insulation blankets and burned wires around the forward gray water composite drain mast found during an inspection of the forward cargo compartment. We are issuing this AD to prevent a fire near a composite drain mast and possible disruption of the electrical power system caused by a lightning strike on a composite drain mast, which could result in the loss of several functions essential for safe flight.

Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Inspection To Determine Material of Gray Water Drain Mast

(f) Within 60 months after the effective date of this AD, inspect the forward and aft gray water drain masts to determine whether the drain mast is made of aluminum or composite. A review of airplane maintenance records is acceptable in lieu of this inspection if the material of the forward and aft gray water drain masts can be conclusively determined from that review.

(1) For any aluminum gray water drain mast identified during the inspection or records check required by paragraph (f) of this AD, no further action is required by this AD for that drain mast only.

(2) For any composite gray water drain mast identified during the inspection or records check required by paragraph (f) of this AD, do the actions specified in paragraph (g) of this AD.

Installation of New Ground Bracket and Bonding Jumper

(g) For any composite gray water drain mast identified during the inspection or records check required by paragraph (f) of this AD: Within 60 months after the effective date of this AD, install a bonding jumper between the new ground bracket and the clamp on the tube of the gray water composite drain mast, in accordance with the Accomplishment Instructions of Boeing Special Attention Service Bulletin 767–30–0047, dated January 25, 2007 (for Model 767–200, –300, and –300F series airplanes); and Boeing Special Attention Service Bulletin 767–30–0048, dated January 25, 2007 (for Model 767–400ER series airplanes).

Parts Installation

(h) As of the effective date of this AD, no person may install, on any airplane, a composite gray water drain mast, unless a new ground bracket and bonding jumper are also installed, as specified in paragraph (g) of this AD.

Alternative Methods of Compliance (AMOCs)

(i)(1) The Manager, Seattle Aircraft Certification Office, FAA, has the authority to approve AMOCs for this AD, if requested in accordance with the procedures found in 14 CFR 39.19.

(2) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

Material Incorporated by Reference

(j) You must use Boeing Special Attention Service Bulletin 767–30–0047, dated January 25, 2007; or Boeing Special Attention Service Bulletin 767–30–0048, dated January 25,

2007; as applicable; to do the actions required by this AD, unless the AD specifies otherwise.

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

(2) For service information identified in this AD, contact Boeing Commercial Airplanes, P.O. Box 3707, Seattle, Washington 98124–2207.

(3) You may review copies of the service information incorporated by reference at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or 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/code_of_federal_regulations/ibr_locations.html.

Issued in Renton, Washington, on April 7, 2008.

Ali Bahrami,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. E8–8317 Filed 4–18–08; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA–2007–29029; Directorate Identifier 2007–NM–175–AD; Amendment 39–15477; AD 2008–08–23]

RIN 2120–AA64

Airworthiness Directives; Boeing Model 737–200C Series Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for all Boeing Model 737–200C series airplanes. This AD requires revising the FAA-approved maintenance inspection program to include inspections that will give no less than the required damage tolerance rating for each structural significant item (SSI), doing repetitive inspections to detect cracks of all SSIs, and repairing cracked structure. This AD results from a report of incidents involving fatigue cracking in transport category airplanes that are approaching or have exceeded their design service objective. We are issuing this AD to maintain the continued structural integrity of the entire fleet of Model 737–200C series airplanes.

DATES: This AD is effective May 27, 2008.

The Director of the Federal Register approved the incorporation by reference