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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2018-0507; Product Identifier 2018-NM-027-AD; Amendment 39-19308; AD 2018-12-04]

RIN 2120-AA64

Airworthiness Directives; The Boeing Company Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: We are adopting a new airworthiness directive (AD) for certain The Boeing Company Model 777-300ER series airplanes. This AD requires replacing the water filter assembly in certain steam ovens. This AD was prompted by a report that water can enter the steam oven cavity and become heated and then released when the oven door is opened. We are issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective June 25, 2018.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of June 25, 2018.

We must receive comments on this AD by July 23, 2018.

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 <http://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 final rule, 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 service information at the FAA, Transport Standards 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 on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0507.

Examining the AD Docket

You may examine the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0507; 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 final rule, the regulatory evaluation, any comments received, and other information. The street address for Docket Operations (phone: 800-647-5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Stanley Chen, Aerospace Engineer, Cabin Safety and Environmental Systems Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3565; email: stanley.chen@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

We have received a report that members of the cabincrew on a Model 787 airplane were injured when hot water escaped during the opening of the steam oven door. The incident occurred with Jamco steam ovens, part number (P/N) ASN2001-1 and P/N ASN2001-12. Investigation revealed that the current water filter configuration allows foreign objects to enter the water system, which can prevent the solenoid valve from moving to a fully closed position and subsequently allow water to enter the steam oven cavity. Water in the steam oven cavity can become heated and then released when the door is opened. A new water filter assembly has been developed, which includes a larger screen to prevent foreign object debris from moving downstream to block the solenoid valve from moving to a fully closed position. This condition, if not addressed, could result in water becoming heated as it collects in the bottom of the oven during the cooking cycle, resulting in hot water escaping when the oven door is opened, and subsequent injury to the cabincrew.

The Jamco steam ovens installed on Model 777-300ER series airplanes have the same part numbers as those installed on the affected Model 787 airplane; therefore, Model 777-300ER series airplanes are subject to the same unsafe condition revealed on the Model 787 airplane. The unsafe condition on Model 787 airplanes has been addressed.

Related Service Information Under 1 CFR Part 51

We reviewed Boeing Service Bulletin 777-25-0617, dated June 6, 2014. The service information describes procedures for replacing the water filter assembly in Jamco steam ovens, P/N ASN2001-1 and P/N ASN2001-12. 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 the ADDRESSES section.

FAA's Determination

We are issuing this AD because we evaluated all the relevant information and determined the unsafe condition described previously is likely to exist or develop in other products of the same type design.

AD Requirements

This AD requires accomplishing the actions specified in the service information described previously.

FAA's Justification and Determination of the Effective Date

There are currently no domestic operators of this product. Therefore, we find that notice and opportunity for prior public comment are unnecessary and that good cause exists for making this amendment effective in less than 30 days.

Comments Invited

This AD is a final rule that involves requirements affecting flight safety and was not preceded by notice and an opportunity for public comment. However, we invite you to send any written data, views, or arguments about this final rule. Send your comments to an address listed under the ADDRESSES section. Include the docket number FAA-2018-0507 and Product Identifier 2018-NM-027-AD at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this final rule. We will consider all comments received by the closing date and may amend this final rule because of those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this final rule.

Costs of Compliance

Currently, there are no affected U.S.-registered airplanes. If an affected airplane is imported and placed on the U.S. Register in the future, we provide the following cost estimates to comply with this AD:

Estimated Costs

Action	Labor cost	Parts cost	Cost per product
Replacement	1 work-hour × \$85 per hour = \$85 per steam oven	\$0	\$85 per steam oven.

According to the manufacturer, some or all of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected individuals. We do not control warranty coverage for affected individuals. As a result, we have included all known costs in our cost estimate.

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.

This AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to transport category airplanes and associated appliances to the Director of the System Oversight Division.

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),
- (3) Will not affect intrastate aviation in Alaska, and
- (4) 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.

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 airworthiness directive (AD):



2018-12-04 The Boeing Company: Amendment 39-19308 ; Docket No. FAA-2018-0507; Product Identifier 2018-NM-027-AD.

(a) Effective Date

This AD is effective June 25, 2018.

(b) Affected ADs

None.

(c) Applicability

This AD applies to The Boeing Company Model 777-300ER series airplanes, certificated in any category, as identified in Boeing Service Bulletin 777-25-0617, dated June 6, 2014.

(d) Subject

Air Transport Association (ATA) of America Code 25, Equipment/furnishings.

(e) Unsafe Condition

This AD was prompted by a report that water can enter the steam oven cavity and become heated and then released when the oven door is opened. This condition, if not addressed, could result in injury to the cabincrew.

(f) Compliance

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

(g) Replacement of Water Filter Assembly

Within 375 days after the effective date of this AD: Replace the water filter assembly for Jamco steam ovens, part number (P/N) ASN2001-1 and P/N ASN2001-12, at the locations identified in, and in accordance with the Accomplishment Instructions of Boeing Service Bulletin 777-25-0617, dated June 6, 2014.

Note 1 to paragraph (g) of this AD: Boeing Service Bulletin 777-25-0617, dated June 6, 2014, refers to Jamco Service Bulletin ASN2001-25-3118, Revision 1, dated June 5, 2014, as an additional source of information for replacement of the water filter assembly.

(h) Parts Installation Prohibition

As of the effective date of this AD, no person may install on any airplane, a Jamco steam oven having P/N ASN2001-1 or P/N ASN2001-12, unless the modification required by paragraph (g) of this AD is accomplished for that steam oven.

(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 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. 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 local flight standards district office/certificate holding district 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 Commercial Airplanes 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.

(j) Related Information

For more information about this AD, contact Stanley Chen, Aerospace Engineer, Cabin Safety and Environmental Systems Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3565; email: stanley.chen@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.

(i) Boeing Service Bulletin 777-25-0617, dated June 6, 2014.

(ii) Reserved.

(3) For Boeing 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>.

(4) You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(5) 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 Des Moines, Washington, on May 29, 2018.

Michael Kaszycki,
Acting Director, System Oversight Division,
Aircraft Certification Service.