

the sensitive unclassified non-safeguards information (including proprietary information) and safeguards information referenced in the applicable generic DCD for the period that this appendix may be referenced, as specified in Section VII of this appendix.

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4.a. The applicant for the amendment to the U.S. ABWR design to address the requirements in 10 CFR 50.150, "Aircraft impact assessment," shall maintain a copy of the aircraft impact assessment performed to comply with the requirements of 10 CFR 50.150(a) for the term of the certification (including any period of renewal).

b. An applicant or licensee who references this appendix to include both the GE DCD and the STPNOC DCD shall maintain a copy of the aircraft impact assessment performed to comply with the requirements of 10 CFR 50.150(a) throughout the pendency of the application and for the term of the license (including any period of renewal).

Dated at Rockville, Maryland this 11th day of January 2011.

For the Nuclear Regulatory Commission.

Annette L. Vietti-Cook,
Secretary of the Commission.

[FR Doc. 2011-993 Filed 1-19-11; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2011-0027; Directorate Identifier 2010-NM-127-AD]

RIN 2120-AA64

Airworthiness Directives; The Boeing Company Model 777-200 and -300 Series Airplanes Equipped with Rolls-Royce RB211 Trent 800 Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for certain Model 777-200 and -300 series airplanes. This proposed AD would require repetitive inspections of all thrust reverser (T/R) structure and sealant for degradation, and related investigative and corrective actions if necessary. This proposed AD results from reports of thrust reverser events related to thermal damage of the thrust reverser inner wall. We are proposing this AD to detect and correct a degraded T/R inner wall panel, which could lead to failure of a T/R and adjacent components and their consequent separation from the airplane, which could result in a rejected takeoff (RTO)

and cause asymmetric thrust and consequent loss of control of the airplane during reverse thrust operation. If a T/R inner wall overheats, separated components could cause structural damage to the airplane, damage to other airplanes, or possible injury to people on the ground.

DATES: We must receive comments on this proposed AD by March 7, 2011.

ADDRESSES: You may send comments 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:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P.O. Box 3707, MC 2H-65, Seattle, Washington 98124-2207; telephone 206-544-5000, extension 1; fax 206-766-5680; e-mail me.boecom@boeing.com; Internet <https://www.myboeingfleet.com>. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425-227-1221.

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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Margaret Langsted, Aerospace Engineer, Propulsion Branch, ANM-140S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 917-6500; fax (425) 917-6590.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2011-0027; Directorate Identifier 2010-NM-127-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD 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 proposed AD.

Discussion

We have received reports of eleven events related to thermal damage of the thrust reverser (T/R) inner wall on Rolls Royce RB211 Trent 800 engines. The events have included air turnbacks, in-flight shutdowns, T/R inner wall panel sections and parts being separated from the airplane, collapse of the T/R inner wall panel, and engine fire loop fault messages. No hull loss or personal injury has occurred from these events. Boeing issued Alert Service Bulletin 777-78A0059, dated February 24, 2005; and Alert Service Bulletin 777-78-0060, dated February 24, 2005; to provide instructions for inspecting the T/R inner wall panel structure and sealing the insulation blankets to prevent hot under-cowl air from contact with the T/R inner wall panel. Since those service bulletins were released, there have been seven events on thrust reversers, four T/Rs on which those service bulletins had not been fully accomplished, and three on which those service bulletins had been fully accomplished. A separated T/R piece could result in a rejected takeoff and cause asymmetric thrust and consequent loss of control of the airplane during reverse thrust operation. If a thrust reverser inner wall overheats, separated components could cause structural damage to the airplane, damage to other airplanes, or injury to people on the ground.

Relevant Service Information

We have reviewed Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010. This service bulletin describes procedures for doing actions specified in Work Packages 1 through 6 (as necessary) of the

Accomplishment Instructions. This service bulletin states that operators may choose between doing Work Package 2 (doing a full non-destructive test (NDT)), or Work Package 6 (doing a limited NDT with more restrictive repetitive intervals).

Work Package 1

Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, describes procedures for reviewing the airplane maintenance records to determine whether sealant was added; repetitive detailed inspections of all thrust reverser (T/R) inner wall insulation blanket edges, grommet holes, penetrations, and seams for sealant that is cracked, has gaps, is loose, or is missing; repetitive general visual inspections of click bond studs, blanket studs, and temporary fasteners; replacement of sealant if necessary; and related investigative and corrective actions if necessary. The related investigative actions include:

- Measuring the distance between the overlapped blanket face sheets adjacent to the damaged or missing sealant, or measuring the distance between the inner wall and the insulation blanket adjacent to the damaged or missing sealant
 - Doing an NDT and general visual inspection for thermal degradation of the exposed T/R inner wall panel area within 12 inches of cracks, gaps, or loose or missing sealant
 - Doing an NDT of an uncovered compression pad if it is within 12 inches of the crack, gap, loose, or missing sealant
 - Doing a general visual inspection for areas of thermal degradation
 - Doing an NDT of the T/R inner wall panel where the fitting was installed
 - Doing a detailed inspection of the T/R panel wall inner bolt holes for elongation
 - Doing a general visual inspection and NDT inspection for thermal degradation of the inner wall panel area where a damaged click bond stud, blanket stud, and temporary fastener is loose, damaged, or missing
 - Doing an NDT (eddy current conductivity test) of the number 1 upper, or numbers 1 and 2 lower, compression pad fittings if they are exposed by blanket removal and within 12 inches of the loose, damaged, or missing click bond studs, blanket studs, or temporary fasteners
 - Doing a Barcol hardness test of the area of thermal degradation
 - Doing a general visual inspection of bushings for migration or looseness
- The corrective actions include:

- Replacing damaged or missing sealant
- Repairing or replacing T/R inner wall panel areas
- Contacting Boeing for repair instructions and doing the repair
- Installing compression pad fittings
- Installing replacement click bonds, blanket studs, or temporary fasteners
- Installing the removed replacement blankets and fittings
- Removing the bushing and repairing the inner wall panel bolt hole

Work Package 2

Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, describes procedures for either a repetitive full inner wall panel NDT of each T/R half and repetitive general visual inspections for areas of thermal degradation, or a partial inner wall panel NDT, and related investigative and corrective actions. The related investigative actions include an NDT of the area of different color, and a Barcol hardness inspection of the inner wall panel for areas of thermal degradation. The corrective actions are repairing or replacing unsatisfactory T/R inner wall panel areas, installing insulation blankets, and contacting Boeing for repair instructions and doing the repair. This service bulletin states that Work Package 6 may be done as an alternative to Work Package 2, provided that the shorter interval for the repetitive inspections specified in Work Package 6 are followed.

Work Package 3

Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, describes procedures for repetitive detailed inspections of the powered door opening system (PDOS) lug bushings on the upper number 1 compression pad fittings for hole elongation, deformation, and contact with the PDOS actuator, and related investigative and corrective actions. Related investigative actions include a detailed inspection of the PDOS lug. Corrective actions include replacing unserviceable upper number 1 compression pad fittings and replacing unserviceable bushings with serviceable parts, and installing PDOS actuator rods and sealant.

Work Package 4

Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, describes procedures for repetitive NDTs of the number 1 upper and numbers 1 and 2 lower compression pad fittings, and related investigative and corrective actions. The related investigative actions include doing an

NDT of the T/R inner wall panel, a general visual inspection for areas of thermal degradation, a detailed inspection of the T/R inner wall panel bolt holes for elongation, a Barcol hardness test of the area, and a general visual inspection of the bushing for migration or looseness. Corrective actions include repairing the T/R inner wall panel with a serviceable panel, installing removed installation blankets, installing serviceable compression pad fittings, contacting Boeing for repair instructions and doing the repair, replacing the T/R inner wall panel with a new or serviceable T/R inner wall panel, and removing bushings and repairing the inner wall panel bolt hole.

Work Package 5

Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, describes procedures for repetitive general visual inspections of the perforated side of the T/R wall aft of the intermediate pressure compressor 8th stage (IP8) duct and high pressure compressor 3rd stage (HP3) bleed port exits for a color that is different from that of the general area, and related investigative and corrective actions. The related investigative action is an NDT inspection of discolored areas for delamination and disbonding on the perforated side of the inner wall. The corrective actions are contacting Boeing for repair instructions and doing the repair.

Work Package 6

Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, describes procedures for a limited area NDT inspection of the inner wall panel of each T/R half for delaminating and disbonding, a general visual inspection for areas of thermal degradation, and related investigative and corrective actions. Related investigative actions include a Barcol hardness test of the area. Corrective actions include repairing or replacing the T/R inner wall panel with a new or serviceable one. Work Package 6 may be done as an option to Work Package 2 provided that the shorter repeat inspection intervals specified in Work Package 2 are followed.

Compliance Times

The compliance times for Work Package 1 are as follows. The compliance time for the initial inspections and replacement of sealant (if necessary) is within 1,500 flight hours after the date on the original issue of the service bulletin. The interval for the repetitive inspections is 1,500 flight hours.

The compliance times for doing the initial and repetitive NDT inspections on the T/R wall depend on which work packages are done—either the full NDT option (Work Packages 2 and 5) or limited NDT option (Work Packages 5 and 6). For the initial full NDT and limited NDT options, the compliance time is between 600 and 2,000 flight cycles, depending on the number of total airplane flight cycles and whether a previous inspection has been conducted. The interval for the repetitive inspections for the full NDT is 2,000 flight cycles. The interval for the repetitive inspections for the limited NDT is 700 flight cycles.

The compliance times for Work Package 3 are as follows. The compliance time for the detailed inspection of the PDOS lug bushings on the upper number 1 compression pad fittings ranges from within 600 to 1,700 flight cycles after the date on the original issue of the service bulletin. The interval for the repetitive inspections is 2,000 flight cycles.

The compliance times for Work Package 4 are as follows. The compliance time for the initial NDT inspection of the number 1 upper, and number 1 and 2 lower, compression pad fittings are within 2,000 flight cycles after the date on the original issue of this service bulletin. The interval for the repetitive inspections is 2,000 flight cycles.

FAA’s Determination and Requirements of This Proposed AD

We are proposing this AD because we evaluated all relevant information and determined the unsafe condition described previously is likely to exist or develop in other products of the same type design. This proposed AD would require accomplishing the actions specified in the service information described previously, except as discussed under “Differences Between the Proposed AD and Service Information.”

Differences Between the Proposed AD and Service Information

Although Boeing Alert Service Bulletin 777–78A0065, Revision 2, dated May 6, 2010, specifies that operators may contact the manufacturer for disposition of certain repair conditions, this proposed AD would require operators to repair those conditions using a method approved by the FAA.

Interim Action

We consider this proposed AD interim action. The manufacturer is currently developing a modification that will address the unsafe condition identified in this AD. Once this modification is developed, approved, and available, we might consider additional rulemaking.

Costs of Compliance

We estimate that this proposed AD would affect 54 airplanes of U.S. registry. The following table provides the estimated costs for U.S. operators to comply with this proposed AD.

TABLE—ESTIMATED COSTS

Action	Work hours	Average labor rate per hour	Cost per product	Number of U.S.-registered airplanes	Fleet cost
Records check	1	\$85	\$85	54	\$4,590
Inspections	73	85	6,205	54	335,070

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

We 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. Is not a “significant rule” under the 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.

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 AD:

The Boeing Company: Docket No. FAA–2011–0027; Directorate Identifier 2010–NM–127–AD.

Comments Due Date

- (a) We must receive comments by March 7, 2011.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to The Boeing Company Model 777–200 and –300 series airplanes, certificated in any category, equipped with Rolls-Royce RB211 Trent 800

engines; as identified in Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010.

Subject

(d) Air Transport Association (ATA) of America Code 78: Engine exhaust.

Unsafe Condition

(e) This AD results from reports of thrust reverser events related to thermal damage of the thrust reverser (T/R) inner wall. The Federal Aviation Administration is issuing this AD to detect and correct a degraded T/R inner wall panel, which could lead to failure of a T/R and adjacent components and their consequent separation from the airplane, which could result in a rejected takeoff (RTO) and cause asymmetric thrust and consequent loss of control of the airplane during reverse thrust operation. If a T/R inner wall overheats, separated components could cause structural damage to the airplane, damage to other airplanes, or possible injury to people on the ground.

Compliance

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

Records Review, Inspections, and Related Investigative and Corrective Actions

(g) Except as required by paragraphs (h), (i), (j), and (k) of this AD, at the applicable times in paragraph 1.E., "Compliance," of Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010 ("this service bulletin"), review the airplane maintenance records to determine whether sealant was added, do the actions specified in paragraphs (g)(1), (g)(2), (g)(3), (g)(4), and (g)(5) of this AD, and do all applicable related investigative and corrective actions, in accordance with the Accomplishment Instructions of this service bulletin, except as required by paragraph (l) of this AD. Do all applicable related investigative and corrective actions before further flight. Repeat the inspections required by paragraphs (g)(1), (g)(2), (g)(3), (g)(4), and (g)(5) of this AD thereafter at the applicable intervals specified in paragraph 1.E., "Compliance," of the service bulletin.

(1) Do a detailed inspection of all T/R inner wall insulation blanket edges, grommet holes, penetrations, and seams for sealant that is cracked, has gaps, is loose, or is missing; do a general visual inspection of click bond studs, blanket studs, and temporary fasteners; and replace sealant as applicable; in accordance with Work Package 1 of the Accomplishment Instructions of this service bulletin.

(2) Do the actions required by paragraph (g)(2)(i) or (g)(2)(ii) of this AD.

(i) Do a full inner wall panel non-destructive test (NDT) for delamination and disbonding of each T/R half, and do a general visual inspection for areas of thermal degradation, in accordance with Work Package 2 of the Accomplishment Instructions of this service bulletin.

(ii) Do a limited area NDT of the inner wall panel of each T/R half for delamination and disbonding, and do a general visual

inspection for areas of thermal degradation, in accordance with Work Package 6 of the Accomplishment Instructions of this service bulletin.

(3) Do a general visual inspection of the T/R perforated wall aft of the intermediate pressure compressor 8th stage (IP8) and the high pressure compressor 3rd stage (HP3) bleed port exits for a color that is different from that of the general area, in accordance with Work Package 5 of the Accomplishment Instructions of this service bulletin.

(4) Do a detailed inspection of the powered door opening system (PDOS) lug bushings on the upper number 1 compression pad fittings for hole elongation, deformation, and contact with the PDOS actuator, in accordance with Work Package 3 of the Accomplishment Instructions of this service bulletin.

(5) Do an NDT of the number 1 upper and numbers 1 and 2 lower compression pad fittings, in accordance with Work Package 4 of the Accomplishment Instructions of this service bulletin.

Exceptions to the Service Bulletin

(h) Where Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010, specifies a compliance time after the date on the original issue of that service bulletin, this AD requires compliance within the specified compliance time after the effective date of this AD.

(i) Where paragraph 1.E., "Compliance," in Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010, specifies a compliance time of "2,000 flight cycles after the date of the operator's own inspections," for doing Work Packages 2 and 5, or Work Packages 2 and 6, this AD requires compliance within 2,000 flight cycles after the date of the operator's own inspections or within 12 months after the effective date of this AD, whichever occurs later.

(j) Where the Condition columns in Table 2 of paragraph 1.E., "Compliance," of Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010, refer to "All airplanes, each T/R half" that has or has not "been inspected before the date on this service bulletin," this AD applies to all airplanes, each T/R half that has or has not been inspected before the effective date of this AD.

(k) Where the Condition columns in the Tables of paragraph 1.E., "Compliance," of Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010, refer to total flight cycles, this AD applies to the airplanes with the specified total flight cycles as of the effective date of this AD.

(l) Where Boeing Alert Service Bulletin 777-78A0065, Revision 2, dated May 6, 2010, specifies to contact Boeing for appropriate action: Before further flight, repair in accordance with a method approved by the Manager, Seattle Aircraft Certification Office (ACO), FAA. For a repair method to be approved, the repair must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

Credit for Actions Accomplished in Accordance With Previous Service Information

(m) Actions done before the effective date of this AD in accordance with Boeing Alert

Service Bulletin 777-78A0065, dated June 23, 2008; or Revision 1, dated January 29, 2009; are acceptable for compliance with the corresponding requirements of this AD.

Alternative Methods of Compliance (AMOCs)

(n)(1) The Manager, Seattle ACO, 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:* Margaret Langsted, Aerospace Engineer, Propulsion Branch, ANM-140S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 917-6500; fax (425) 917-6590. Or, e-mail information 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.

Issued in Renton, Washington, on January 12, 2011.

Jeffrey E. Duven,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2011-1121 Filed 1-19-11; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2010-0042; Directorate Identifier 2009-NM-010-AD]

RIN 2120-AA64

Airworthiness Directives; Saab AB, Saab Aerosystems Model SAAB 340A (SAAB/SF340A) and SAAB 340B Airplanes Modified in Accordance With Supplemental Type Certificate (STC) ST00224WI-D, ST00146WI-D, or SA984GL-D

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Supplemental notice of proposed rulemaking (NPRM); reopening of comment period.

SUMMARY: We are revising an earlier proposed airworthiness directive (AD) for certain Saab AB, Saab Aerosystems Model SAAB 340A (SAAB/SF340A) and SAAB 340B airplanes. The first supplemental NPRM would have required inspecting the fuselage surface for corrosion and cracking behind the external adapter plate of the antennae installation, and repair if necessary. The first supplemental NPRM resulted from a report of a crack found behind the external adapter plate of the antennae during inspection. Similar cracking was found on two additional airplanes, and