

FIGURE 1 TO PARAGRAPH (g)—REMOVE AFFECTED ROTOR DISKS FROM SERVICE

Recalculated consumed cyclic life on the effective date of this AD	Remove affected rotor disks from service
(i) less than 15,700 FC .....	Before exceeding 16,700 FC since new
(ii) 15,700 FC or more, but less than 16,700 FC.	Either: (A) Within 1,000 FC or 19 months after the effective date of this AD, whichever occurs first; or (B) Before exceeding 16,700 FC since new, whichever occurs later.
(iii) 16,700 FC or more .....	Either: (A) Within 1,000 FC after the effective date of this AD, or (B) Before exceeding 20,000 FC since new, or (C) Within 19 months after the effective date of this AD, whichever occurs first.

**(h) Installation Prohibition**

After the effective date of this AD, installation of a serviceable spare engine or release to service of an engine after any shop visit, is allowed, provided the installed HPC stage 12 rotor disk, P/N JR18449, is a serviceable part.

**(i) Definition**

For the purpose of this AD, a serviceable part is an HPC stage 12 rotor disk, P/N JR18449, that has not exceeded 20,500 FC for flight profile A or 16,700 FC for flight profile B, as applicable to engine operation.

**(j) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, FAA, ECO Branch, Compliance and Airworthiness Division, may approve AMOCs for this AD. Use the procedures found in 14 CFR 39.19 to make your request. You may email your request to: [ANE-AD-AMOC@faa.gov](mailto:ANE-AD-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.

**(k) Related Information**

(1) For more information about this AD, contact Robert Green, Aerospace Engineer, FAA, ECO Branch, Compliance and Airworthiness Division, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7754; fax: 781-238-7199; email: [Robert.Green@faa.gov](mailto:Robert.Green@faa.gov).

(2) Refer to MCAI European Aviation Safety Agency AD 2017-0010, dated January 16, 2017, for more information. You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating it in Docket No. FAA-2017-0140.

(3) RRD Alert Non-Modification Service Bulletin TAY-72-A1813, Revision 1, dated January 27, 2017, which is not incorporated by reference in this AD, can be obtained from RRD, using the contact information in paragraph (k)(4) of this AD.

(4) For service information identified in this AD, contact Rolls-Royce Deutschland Ltd & Co KG, Eschenweg 11-15827 Dahlewitz, Blankenfelde-Mahlow, Germany; phone: +49 0 33-7086-1944; fax: +49 0 33-7086-3276.

(5) You may view this service information at the FAA, Engine and Propeller Standards Branch, Policy and Innovation Division, 1200

District Avenue, Burlington, MA. For information on the availability of this material at the FAA, call 781-238-7125.

**(l) Material Incorporated by Reference**

None.

Issued in Burlington, Massachusetts, on September 13, 2017.

**Robert J. Ganley,**

*Manager, Engine and Propeller Standards Branch, Aircraft Certification Service.*

[FR Doc. 2017-20531 Filed 9-25-17; 8:45 am]

**BILLING CODE 4910-13-P**

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

**[Docket No. FAA-2017-0767; Product Identifier 2017-NE-26-AD; Amendment 39-19049; AD 2017-19-19]**

**RIN 2120-AA64**

**Airworthiness Directives; Rolls-Royce plc Turbofan Engines**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule; request for comments.

**SUMMARY:** We are adopting a new airworthiness directive (AD) for certain Rolls-Royce plc (RR) Trent XWB-75, Trent XWB-79, Trent XWB-79B, and Trent XWB-84, turbofan engines. This AD requires replacement of the low-pressure compressor (LPC) case support inboard pins. This AD was prompted by LPC case support inboard pins that may have reduced integrity due to incorrect heat treatment. We are issuing this AD to correct the unsafe condition on these products.

**DATES:** This AD becomes effective October 11, 2017.

The Director of the Federal Register approved the incorporation by reference of a certain publications listed in this AD as of October 11, 2017.

We must receive comments on this AD by November 13, 2017.

**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.

- **Mail:** U.S. Department of Transportation, 1200 New Jersey Avenue SE., West Building Ground Floor, Room W12-140, Washington, DC 20590-0001.

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

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

For service information identified in this AD, contact Rolls-Royce plc, Corporate Communications, P.O. Box 31, Derby, England, DE24 8BJ; phone: 011-44-1332-242424; fax: 011-44-1332-249936; email: [http://www.rolls-royce.com/contact/civil\\_team.jsp](http://www.rolls-royce.com/contact/civil_team.jsp); Internet: <https://customers.rolls-royce.com/public/rollsroycecare>. You may view this service information at the FAA, Engine and Propeller Standards Branch, Policy and Innovation Division, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7125. It is also available on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0767.

**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-2017-0767; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the mandatory continuing airworthiness information (MCAI), regulatory evaluation, any comments received, and other information. The address for the Docket

Office (phone: 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Robert Green, Aerospace Engineer, FAA, ECO Branch, Compliance and Airworthiness Division, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7754; fax: 781-238-7199; email: [robert.green@faa.gov](mailto:robert.green@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

This AD is a final rule that involves requirements affecting flight safety, and we did not precede it by notice and opportunity for public comment. We invite you to send any written relevant data, views, or arguments about this AD. Send your comments to an address listed under the **ADDRESSES** section. Include “Docket No. FAA-2017-0767; Directorate Identifier 2017-NE-26-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this AD. We will consider all comments received by the closing date and may amend this 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 with FAA personnel concerning this AD.

**Discussion**

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA AD 2016-0242, dated December 7, 2016 (referred to hereinafter as “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

It has recently been established that a certain population of low pressure (LP) compressor case support pins and hollow dowels have insufficient material properties and do not meet specification requirements. This condition, if not corrected, could result in loss of core to fan case concentricity, LP compressor blade rubs and possible blade release, or engine under cowl fire. To address this unsafe condition, RR published Alert NMSB TRENT XWB 72-AJ443 to provide instructions to inspect and replace the affected non-conforming components.

You may obtain further information by examining the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0767.

**Related Service Information Under 1 CFR Part 51**

RR has issued Alert Non-Modification Service Bulletin (NMSB) No. TRENT XWB 72-AJ443, Revision 1, dated December 21, 2016. The Alert NMSB describes procedures for replacement of all non-conforming LPC case support inboard pins. 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 and Requirements of This AD**

This product has been approved by EASA, and is approved for operation in the United States. Pursuant to our bilateral agreement with the European Community, EASA has notified us of the unsafe condition described in the MCAI and service information referenced above. We are issuing this AD because we evaluated all information provided by EASA and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design. This AD requires replacement of all non-conforming LPC case support inboard pins.

**FAA’s Determination of the Effective Date**

No domestic operators use 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.

**Costs of Compliance**

We estimate that this AD affects no engines installed on airplanes of U.S. registry.

We estimate the following costs to comply with this AD:

**ESTIMATED COSTS**

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Inboard pin replacement .....	18 work-hours × \$85 per hour = \$1,530.00 .....	\$0	\$1,530.00	\$0

**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 engines, propellers, and appliances to the Manager, Engine and Propeller Standards Branch, Policy and Innovation Division.

**Regulatory Findings**

We determined that 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 this AD:

- (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),

(3) Will not affect intrastate aviation in Alaska to the extent that it justifies making a regulatory distinction, 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):

**2017–19–19 Rolls-Royce plc:** Amendment 39–19049; Docket No. FAA–2017–0767; Product Identifier 2017–NE–26–AD.

#### (a) Effective Date

This AD is effective October 11, 2017.

#### (b) Affected ADs

None.

#### (c) Applicability

This AD applies to Rolls-Royce plc (RR) Trent XWB–75, Trent XWB–79, Trent XWB–79B, and Trent XWB–84 turbofan engines with an engine serial number (ESN) listed in Appendix 1 of RR Alert Non Modification Service Bulletin (NMSB) Trent XWB 72–AJ443, Revision 1, dated December 21, 2016.

#### (d) Subject

Joint Aircraft System Component (JASC) Code 7230, Turbine Engine Compressor Section.

#### (e) Reason

This AD was prompted by low-pressure compressor (LPC) case support inboard pins that may have reduced integrity due to incorrect heat treatment. We are issuing this AD to prevent failure of the LPC case support inboard pins, loss of core to fan case concentricity, LPC blade rubs and possible blade release, or an engine under cowl fire.

#### (f) Compliance

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

#### (g) Required Actions

(1) Before exceeding 1,500 flight cycles since new, or within 4 months after the

effective date of this AD, whichever occurs later, inspect each LPC case support inboard pin to identify the serial number (S/N) using Section 3, the Accomplishment Instructions, of RR Alert NMSB Trent XWB 72–AJ443, Revision 1, dated December 21, 2016.

(i) If a pin having a S/N that begins with 235338 is installed, replace the LPC case support inboard pin, and outboard hollow dowels, nuts and bolts using Section 3, the Accomplishment Instructions of RR Alert NMSB Trent XWB 72–AJ443, Revision 1, dated December 21, 2016.

(ii) If a pin having a S/N that begins with 237746 or 204520 is installed, replace the LPC case support outboard hollow dowel, nuts and bolts, using Section 3, the Accomplishment Instructions of RR Alert NMSB Trent XWB 72–AJ443, Revision 1, dated December 21, 2016.

#### (h) Installation Prohibition

After the effective date of this AD, do not install an engine affected by this AD, unless it has been inspected in accordance with the Accomplishment Instructions of RR Alert NMSB Trent XWB 72–AJ443, Revision 1, dated December 21, 2016.

#### (i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, FAA, ECO Branch, Compliance and Airworthiness Division, 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 ECO Branch, send it to the attention of the person identified in paragraph (j)(1) of this AD. You may email your request to: [ANE-AD-AMOC@faa.gov](mailto:ANE-AD-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.

#### (j) Related Information

(1) For more information about this AD, contact Robert Green, Aerospace Engineer, FAA, ECO Branch, Compliance and Airworthiness Division, 1200 District Avenue, Burlington, MA 01803; phone: 781–238–7754; fax: 781–238–7199; email: [Robert.Green@faa.gov](mailto:Robert.Green@faa.gov).

(2) Refer to MCAI European Aviation Safety Agency (EASA) AD 2017–0242, dated December 7, 2016, for more information. You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating it in Docket No. FAA–2017–0767.

#### (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) Rolls-Royce plc (RR) Alert Non-Modification Service Bulletin Trent XWB 72–AJ443, Revision 1, dated December 21, 2016.

(ii) Reserved.

(3) For RR service information identified in this AD, contact Rolls-Royce plc, Corporate Communications, P.O. Box 31, Derby, England, DE24 8BJ; phone: 011–44–1332–242424; fax: 011–44–1332–249936; email: [http://www.rolls-royce.com/contact/civil\\_team.jsp](http://www.rolls-royce.com/contact/civil_team.jsp); Internet: <https://customers.rolls-royce.com/public/rollsroycecare>.

(4) You may view this service information at FAA, Engine and Propeller Standards Branch, Policy and Innovation Division, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781–238–7125.

(5) You may view this service information 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 Burlington, Massachusetts, on September 13, 2017.

**Robert J. Ganley,**

Manager, Engine and Propeller Standards Branch, Aircraft Certification Service.

[FR Doc. 2017–20420 Filed 9–25–17; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA–2017–0099; Product Identifier 2017–NE–02–AD; Amendment 39–19035; AD 2017–19–05]

RIN 2120–AA64

#### Airworthiness Directives; Siemens S.A.S. Smoke Detectors

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** We are adopting a new airworthiness directive (AD) for certain Siemens S.A.S. smoke detectors installed on various transport category airplanes. This AD requires inspection and replacement of the affected smoke detectors. This AD was prompted by a report that the affected smoke detectors failed an acceptance test. We are issuing this AD to correct the unsafe condition on these products.

**DATES:** This AD becomes effective October 31, 2017.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of October 31, 2017.

**ADDRESSES:** For service information identified in this final rule, contact Siemens, Aviation Customer Support, 697 Rue Fourny, 78530 Buc, France; phone: (33) 1 3084 6650; fax: (33) 1 3956