This section of the FEDERAL REGISTER contains regulatory documents having general applicability and legal effect, most of which are keyed to and codified in the Code of Federal Regulations, which is published under 50 titles pursuant to 44 U.S.C. 1510.

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DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


Airworthiness Directives; Rolls-Royce plc Turbopan Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are superseding airmaintenance directive (AD) 2015–04–03 that applies to certain Rolls-Royce plc (RR) RB211 Trent 768–60, 772–60, and 772B–60 turbopan engines. AD 2015–04–03 required inspection of the sealing sleeve on the high-pressure/ intermediate-pressure (HP/IP) turbine support internal oil feed tube and removal of those sealing sleeves affected by AD 2015–04–03. This AD requires removal of either the affected sealing sleeve only or both the affected sealing sleeve and the oil feed tube. This AD was prompted by fractures of the HP/IP turbine support internal oil feed tube, uncontained engine failure, and damage to the airplane.

DATES: This AD is effective April 19, 2016.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of April 19, 2016.


Examine 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–2014–0561; 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 mandatory continuing airworthiness information, regulatory evaluation, any comments received, and other information. The address for the Docket Office is: 800 North Capitol Street, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT:


SUPPLEMENTARY INFORMATION:

Discussion


Comments

We gave the public the opportunity to participate in developing this AD. We considered the comment received. The commenter supports the NPRM (80 FR 69625, November 10, 2015).

Conclusion

We reviewed the available data, including the comment received, and determined that air safety and the public interest require adopting this AD as proposed.

Related Service Information Under 1 CFR Part 51

RR has issued RR Alert Non-Modification Service Bulletin (NMSB) No. RB.211–72–AJ035, Revision 2, dated August 10, 2015 and RR Service Bulletin (SB) No. RB.211–72–H754, including the Supplement, Revision 1, dated July 29, 2015. The Alert NMSB No. RB.211–72–AJ035, Revision 2, dated August 10, 2015, provides guidance on identification and replacement of the sealing sleeve, part number (P/N) FW15003. The SB No. RB.211–72–H754, including the Supplement, Revision 1, dated July 29, 2015, provides information on the replacement of the sealing sleeve, P/N FW15003, and oil feed tube, P/N FW14193, with a sealing sleeve, P/N KH28323 and oil feed tube, P/N KH28324. 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 of this AD.

Costs of Compliance

We estimate that this AD affects 58 engines installed on airplanes of U.S. registry. We also estimate that it will take about 1.2 hours per engine to comply with this AD. The average labor rate is $85 per hour. Required parts cost about $5,850 per engine. Based on these figures, we estimate the cost of this AD on U.S. operators to be $345,216.

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
(b) Affected ADs
This AD supersedes AD 2015–04–03.

(c) Applicability
This AD applies to Rolls-Royce plc (RR) RB211 Trent 768–60, 772–60, and 772B–60 turbofan engines, all serial numbers, except those engines:

(1) That have had Modification 72–H754 applied in production, or
(2) that have been modified in accordance with RR Service Bulletin (SB) No. RB.211–72–H754, including the Supplement, Revision 1, dated July 29, 2015 or initial issue dated October 1, 2014; or
(3) with sealing sleeve, part number (P/N) FW15003, with markings 102013, 112013, or 102013L.

(d) Unsafe Condition
This AD was prompted by fractures of the high-pressure/intermediate pressure (HP/IP) turbine support internal oil feed tube. We are issuing this AD to prevent failure of the HP/IP turbine support internal oil feed tube, uncontained engine failure, and damage to the airplane.

(e) Compliance
Comply with this AD within the compliance times specified, unless already done.

(1) If sealing sleeve, P/N FW15003, is installed without markings 102013, 112013, or 102013L, or if the markings cannot be sufficiently identified, then within 1,600 flight cycles or 24 months after the effective date of this AD, whichever occurs first:
   (i) Remove the affected sealing sleeve, P/N FW15003, and replace it with a part eligible for installation. Use paragraph 3.A.(4)(b) of RR Alert Non-Modification Service Bulletin No. RB.211–72–AJ035, Revision 2, dated August 10, 2015, to perform the part replacement, or
   (ii) Remove the affected sealing sleeve, P/N FW15003, and the oil feed tube, P/N FW14193, and replace with parts eligible for installation. Use paragraph 3.B. or 3.C., as appropriate, of RR SB No. RB.211–72–H754, including the Supplement, Revision 1, dated July 29, 2015, to perform the parts replacement.
(2) Reserved.

(f) Alternative Methods of Compliance (AMOCs)
The Manager, Engine Certification Office, FAA, may approve AMOCs to this AD. Use the procedures found in 14 CFR 39.19 to make your request. You may email your request to AMOE-AD-AMOC@faa.gov.

(g) Related Information
(1) For more information about this AD, contact Philip Haberlen, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 1200 District Avenue, Burlington, MA 01803; phone: 781–238–7770; fax: 781–238–7199; email: philip.haberlen@faa.gov.
(2) Refer to MCAI, European Aviation Safety Agency, AD 2015–0105R1, dated August 18, 2015, for more information.

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.
   (4) You may view this service information at FAA, Engine & Propeller Directorate, 1200 District Avenue, Burlington, MA. 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 February 12, 2016.

Colleen M. D’Alessandro,
Manager, Engine & Propeller Directorate, Aircraft Certification Service.

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BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Engine Alliance Turbofan Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

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 part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39—AIRWORTHINESS DIRECTIVES

§ 39.13 [Amended]

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]


(a) Effective Date
This AD is effective April 19, 2016.