



Airworthiness Directive Cancellation Notice

AD No.: 2007-0260-CN

Issued: 04 February 2025

Note: This Airworthiness Directive (AD) Cancellation Notice (CN) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

Design Approval Holder's Name:

ROLLS-ROYCE DEUTSCHLAND Ltd & Co KG

Type/Model designation(s):

RB211 Trent 700 engines

Effective Date: 04 February 2025

TCDS Number(s): EASA.E.042

Foreign AD: Not applicable

Cancellation: This Notice cancels EASA AD 2007-0260R1 dated 25 March 2009.

ATA 72 – CANCELLED: Engine – Intermediate Pressure Turbine Bearing Oil Feed Tube – Inspection / Modification

Manufacturer(s):

Rolls-Royce plc (RR)

Applicability:

RB211 Trent 768-60, 772-60, 772B-60 and 772C-60 engines, all serial numbers, except engines modified in accordance with Rolls-Royce RB211 Service Bulletin (SB) SB 72-F117, SB 72-F048 or SB 72-F227.

These engines are known to be installed on, but not limited to, Airbus A330 aeroplanes.

Definitions:

For the purpose of this AD, the following definitions apply:

None.

Reason:

In 2005, a Trent 700 engine was removed due to oil loss and low oil pressure. Investigation has established that the high pressure (HP) / intermediate pressure (IP) turbine bearing oil feed tube had been fretted by a damaged outer heat shield causing a breach of the oil feed tube. This led to the escape of oil, some of which ignited in the cavity in front of the HP/IP turbine support structure causing heating damage to the rear of the HP turbine disc. This incident has demonstrated the possibility for HP turbine disc overheat as a result of HP/IP turbine bearing oil feed tube heat shield



deterioration, which potentially could result in disc burst. Prompted by this development, EASA issued AD 2006-0073 (later revised) to instruct repetitive inspections of the feed tube heat shields for damage to prevent the scenario described above. Later, EASA issued AD 2007-0260 (later revised), retaining the requirements of EASA AD 2006-0073R1, which was superseded, and introducing the Terminating Actions section which referenced the RR RB 211 SB 72-F227 as an additional terminating action.

Since AD 2007-0260R1 was issued, RR confirmed that all affected engines were modified to incorporate Rolls-Royce Modification SB RB211-72-F117 standard allowing termination of the required repetitive inspections required by that AD and that there is no possibility to re-install the pre-modification parts. Additionally, Rolls-Royce issued Rolls-Royce Alert Non-Modification SB RB211-72-AF045 at Revision 3 cancelling this document. Consequently, the unsafe condition addressed by EASA AD 2007-0260R1 no longer exists and cannot develop anymore.

For the reason described above, this Notice cancels EASA AD 2007-0260R1.

Required Action(s) and Compliance Time(s):

None.

Ref. Publications:

Rolls-Royce Alert Non-Modification Service Bulletin RB211-72-AF045 Revision 2 dated 27 July 2006, or Revision 3 dated 21 October 2024.

Rolls-Royce Modification Service Bulletin RB211-72-F117 original issue 06 June 2006.

Rolls-Royce Immediate Operational Request Service Bulletin RB211-72-F048 original issue (available only upon request from RR).

Rolls-Royce Modification Service Bulletin RB211- 72-E708 Revision 2 dated 06 September 2005.

Rolls-Royce Modification Service Bulletin RB211-72-F227 original issue dated 30 March 2007.

Remarks:

1. This AD-CN was posted on 06 January 2025 as PAD 25-001-CN for consultation until 03 February 2025. No comments were received during the consultation period.
2. Enquiries regarding this AD-CN should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. For any question concerning the technical content of this AD-CN, please contact your designated Rolls-Royce representative, or download the publication from your Rolls-Royce Care account at <https://customers.rolls-royce.com>.

If you do not have a designated representative or Rolls-Royce Care account, please contact **Corporate Communications** at **Rolls-Royce plc**, P.O. Box 31, Derby, DE24 8BJ, United Kingdom Telephone +44 (0)1332 242424, or



send an email through <https://www.rolls-royce.com/contact-us/civil-aerospace.aspx> identifying the correspondence as being related to **Airworthiness Directives**.

