



Airworthiness Directive Cancellation Notice

AD No.: 2013-0038-CN

Issued: 04 March 2024

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 March 2024

TCDS Number(s): EASA.E.042

Foreign AD: Not applicable

Cancellation: This Notice cancels EASA AD 2013-0038 dated 27 February 2013, including its Correction dated 28 February 2013.

ATA 72 – CANCELLED: Engine – Air Guide Tube / Phonic Ring – Inspection

Manufacturer(s):

Rolls-Royce plc

Applicability:

RB211 Trent 768-60, 772-60, 772B-60 and 772C-60 engines, serial number (ESN) 41062, 41065, 41073, 41095, 41117, 41128, 41134, 41146, 41149, 41160, 41170, 41206, 41215, 41216, 41224, 41225, 41237, 41242, 41244, 41250, 41256, 41264 and 41266.

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:

The NMSB: Rolls-Royce Trent 700 Non-Modification Service Bulletin (NMSB) RB.211-72-AH312.

Reason:

During overhaul of a Trent 700 engine, it was discovered that installation of an air guide tube had been omitted during the build of the engine, due to a mix of pre- and post-SB RB.211-72-D351 parts. The affected engine had a pre-SB RB.211-72-D351 low pressure turbine (LPT) installed and had inadvertently been fitted with a post-SB RB.211-72-D351 phonic ring. Further investigation on



the maintenance records of other Trent 700 engines concluded that a limited number of engines could have been similarly re-assembled incorrectly following maintenance.

This condition, if not detected and corrected, could lead to failure of the central oil tube and oil leakage into the LPT, possibly resulting in an uncontained LPT failure and release of high-energy debris, with consequent damage to, and reduced control of, the aeroplane.

To address this potential unsafe condition, EASA issued Emergency AD 2013-0030-E to require a one-time inspection to determine the standard of phonic ring installed and, depending on findings, corrective action.

After that AD was issued, Rolls-Royce published the NMSB to provide instructions relevant to the requirements of EASA AD 2013-0030-E and identified a further 13 ESN that were (re)assembled at the same overhaul facility and therefore could have been subject to the same re-assembly error.

For the reason described above, EASA issued AD 2013-0038 (later corrected), retaining the requirements of EASA AD 2013-0030-E, which was superseded, and expanding the Applicability by adding ESN which also needed to be inspected.

Since the Correction of EASA AD 2013-0038 was issued, it has been confirmed that all affected engines have been inspected and, where applicable, corrected. In addition, measures have been implemented to prevent further events of incorrect re-assembly. Consequently, the unsafe condition addressed by EASA AD 2013-0038 no longer exists and cannot develop anymore.

This Notice, therefore, cancels EASA AD 2013-0038 including its Correction.

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

None.

Ref. Publications:

Rolls-Royce NMSB RB.211-72-AH312 original issue dated 22 February 2013, or Revision 1 dated 15 April 2013.

Rolls-Royce SB RB.211-72-D351 original issue dated 30 October 2001, or Revision 1 dated 16 November 2004, or Revision 2 dated 05 June 2014.

Remarks:

1. This AD-CN was posted on 01 February 2024 as PAD 24-015-CN for consultation until 29 February 2024. 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**.

