



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-038

Issued: 14 March 2019

Note: This Proposed Airworthiness Directive (PAD) 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.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

AIRBUS

Type/Model designation(s):

A380 aeroplanes

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): EASA.A.110

Foreign AD: Not applicable

Supersedure: None

ATA 78 – Exhaust – Thrust Reverser Actuator Fire Protection Assemblies – Inspection

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841 and A380-842 aeroplanes, manufacturer serial numbers as listed in the SB.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A380-78-8013.

Affected locations: Electrical thrust reverser actuation system (ETRAS) actuator fitting fire protection assemblies on engines #2 and #3.

Reason:

On an A380 aeroplane on the production line, powered by Rolls-Royce Trent 900 engines, it was discovered that the fire shields of the ETRAS actuator fitting on the thrust reverser (TR) front frame (three actuator positions for each side of TR cowl) were not completely sealed with silicone fire



sealant (RTV 106), although this is part of the design definition. Additional aeroplanes were identified on which the sealing may not have been applied completely.

This condition, if not detected and corrected, could, in combination with a fire in the surrounding area, lead to a breach of the firewall, possibly resulting in an uncontrolled fire.

To address this potential unsafe condition, Airbus issued the SB to provide instructions to inspect the affected locations.

For the reasons described above, this AD requires a one-time general visual inspection (GVI) of the affected locations and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Within 42 months after the effective date of this AD, accomplish a GVI of the affected locations in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during the GVI as required by paragraph (1) of this AD, sealant material is not present, before next flight, apply sealant material in accordance with the instructions of the SB.

Ref. Publications:

Airbus SB A380-78-8013 original issue dated 25 October 2018.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 11 April 2019.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS SAS - EIANA (Airworthiness Office), Telephone : +33 562 110 253, Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

