



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 22-133

Issued: 13 October 2022

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 S.A.S.

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 52 – Doors – Slide Management System Triple Reed Contact Switch – Replacement

Manufacturer(s):

Airbus S.A.S

Applicability:

Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A380-52-8229.

Affected part: Diehl Aerospace GmbH triple reed contact switches (TRCS), having Part Number (P/N) 1940420026.

Serviceable part: Diehl Aerospace GmbH TRCS, having P/N 800703E01010000 (D2439).



Reason:

Occurrences have been reported of finding corrosion on the TRCS interface connection within the A380 doors and slides management system.

This condition, if not corrected, could lead to failure of an escape slide to deploy, as necessary following an emergency landing, possibly preventing the timely evacuation of aeroplane occupants.

To address this potential unsafe condition, Diehl Aerospace GmbH developed a new TRCS, the housing, connector and the physical interface which are made of passivated steel, instead of aluminium, ensuring the reliability of the doors and slides management system. Airbus issued the SB, as defined in this AD, to provide instructions to replace affected parts with serviceable parts.

For the reasons described above, this AD requires removal from service of each affected part. This AD also prohibits (re)installation of affected parts on any aeroplane.

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

Required as indicated, unless accomplished previously:

Replacement:

- (1) Within 46 months after the effective date of this AD, remove each affected part from service and replace it with a serviceable part, as defined in this AD, in accordance with the instructions of the SB.

Part(s) Installation:

- (2) After modification of an aeroplane as required by paragraph (1) of this AD, do not install (see Note 1 of this AD) an affected part on any aeroplane.

Note 1: Removal of an affected part from any location on an aeroplane and, during the same maintenance visit, reinstallation of that affected part at the same location on the same aeroplane, does not constitute 'install' as specified in paragraph (2) of this AD.

Ref. Publications:

Airbus SB A380-52-8229 original issue dated 09 August 2022.

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 10 November 2022.
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](#). This may include reporting on the same or similar components, other



than those covered by the design to which this PAD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.

4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS SAS - 1IANA (Airworthiness Office), Telephone: +33 562 110 253, Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

