



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 23-066

Issued: 13 June 2023

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:

DEUTSCHE AIRCRAFT GmbH

Type/Model designation(s):

Dornier 328 aeroplanes

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

TCDS Number(s): EASA.A.096

Foreign AD: Not applicable

Supersedure: None

ATA 28 – Fuel – Fuel Tank / Bonding Straps – Inspection

Manufacturer(s):

Dornier Luftfahrt GmbH, Fairchild-Dornier GmbH, AvCraft Aerospace GmbH

Applicability:

Dornier 328-100 and Dornier 328-300 aeroplanes, all manufacturer serial numbers.

Definitions:

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

The ASB: Deutsche Aircraft GmbH Alert Service Bulletin (ASB) ASB-328-28-047 or ASB-328J-28-023, as applicable.

Affected part: Bonding straps located inside the feeder wing tank (left-hand (LH) and right-hand (RH) sides), outer and inner wing tanks (LH and RH sides).

Reason:

Occurrences were reported of finding damaged affected parts. The extent of the detected damage of the affected parts did not ensure that appropriately low electrical impedance is obtained and



maintained through the affected bonding path. The investigation is ongoing to determine the root cause of the damage.

This condition, if not detected and corrected, could lead to the loss of bonding function and, in combination with a lightning strike, create a source of ignition in a fuel tank, possibly resulting in a fire or explosion and consequent loss of the aeroplane.

To address this potential unsafe condition, Deutsche Aircraft GmbH issued the ASB, as defined in this AD, providing inspection instructions.

For the reasons described above, this AD requires a one-time detailed inspection of each affected part and, depending on findings, replacement.

This AD is considered to be an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

Inspection:

- (1) Within 160 days after the effective date of this AD, inspect each affected part in accordance with the instructions of the ASB.

Corrective Action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, any damage is detected as defined in the ASB, before next flight, replace the damaged affected part with a new part or contact Deutsche Aircraft GmbH for corrective action instructions and accomplish those instructions accordingly.

Ref. Publications:

Deutsche Aircraft GmbH ASB-328-28-047 original issue dated 25 May 2023.

Deutsche Aircraft GmbH ASB-328J-28-023 original issue dated 25 May 2023.

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

Remarks:

1. This Proposed AD will be closed for consultation on 11 July 2023.
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: Deutsche Aircraft GmbH, Oberpfaffenhofen Airport, D-82234 Wessling, Federal Republic of Germany; Telephone: +49 (0)8153 88111 6666; Fax: +49 (0)8153 88111 6565; E-mail gsc.op@deutscheaircraft.com.

