



Notification of a proposal to issue an Airworthiness Directive

PAD No.: 19-075

Issued: 30 April 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:

FOKKER SERVICES B.V.

Type/Model designation(s):

F28 Mark 0100 aeroplanes

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

TCDS Number(s): EASA.A.037

Foreign AD: Not applicable

Supersedure: None

ATA 24 – Electrical Power – Power Transfer Contactors – Replacement

Manufacturer(s):

Fokker Aircraft B.V.

Applicability:

F28 Mark 0100 aeroplanes, all serial numbers.

Definitions:

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

The SB: Fokker Services Service Bulletin (SB) SBF100-24-047.

Affected part: Generator power transfer contactors (GPTC), essential bus transfer contactors (EBTC) and auxiliary power transfer contactors (APTC), having Part Number DHR18-1.

Serviceable part: An affected part that is new (never previously installed).

Reason:

Occurrences have been reported of smoke in the cockpit on Fokker 100 aeroplanes, in conjunction with loss of electrical power. Subsequent investigation results revealed that the most likely cause of



the smoke emission, as well as of power loss, was arcing inside one of the affected parts, GPTC, EBTC and APTC, located in the electrical power centre.

This condition, if not corrected, could lead to further events of smoke in the cockpit, possibly resulting in excessive crew workload and/or injury to flight deck occupants.

To address this potential unsafe condition, Fokker Services published the SB to provide instructions to replace the affected parts.

For the reasons described above, this AD requires a one-time replacement of the affected parts with new parts.

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

Required as indicated, unless accomplished previously:

Replacement:

- (1) Before an affected part exceeds 17 000 FC since first installation on an aeroplane, or within 24 months after the effective date of this AD, whichever occurs later, replace each affected part with a serviceable part in accordance with the instructions of the SB.

Parts Installation:

- (2) From the effective date of this AD, it is acceptable to install on any aeroplane an affected part, provided it is a serviceable part, as defined in this AD.

Ref. Publications:

Fokker Services SBF100-24-047 original issue dated 10 January 2019, or Revision 1 dated 25 April 2019.

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 28 May 2019.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness 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: Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL, Hoofddorp, The Netherlands, Telephone +31-88-6280-350, Fax +31-88-6280-111, E-mail: technicalservices@fokker.com. The referenced publication can be downloaded from www.myfokkerfleet.com.

