



Airworthiness Directive

AD No.: 2020-0002

Issued: 08 January 2020

Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

FOKKER SERVICES B.V.

Type/Model designation(s):

F28 Mark 0100 aeroplanes

Effective Date: 22 January 2020

TCDS Number(s): EASA.A.037

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Fuselage – Frame Inboard Boom – Inspection

Manufacturer(s):

Fokker Aircraft B.V.

Applicability:

F28 Mark 0100 aeroplanes, serial numbers 11244 to 11371 inclusive.

Definitions:

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

The SB: Fokker Services Service Bulletin (SB) SBF100-53-133.

Reason:

An occurrence was reported of finding a crack in the inboard boom of the left-hand frame at fuselage station (STA) 17011 on a Fokker F28 Mk0100 aeroplane. The crack was located in the aft extruded angle, below stringer (STR) 19, at the joint between the wing rear spar end fitting and the frame.

This condition, if not detected and corrected, could reduce resistance to fatigue, possibly affecting the structural integrity of the aeroplane.



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

For the reason described above, this AD requires a one-time detailed inspection (DET) of the fuselage frame at STA17011 and, depending on findings, accomplishment of applicable corrective action(s). This AD also requires reporting of the inspection results.

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(s):

- (1) Within 12 months after the effective date of this AD, accomplish a DET of the fuselage frame at STA17011 below STR19 and STR56 in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during the DET as required by paragraph (1) of this AD, cracks are found, before next flight, contact Fokker Services for approved corrective action instructions. Accomplish those instructions before next flight, or before exceeding the fly-on time (if any) provided by Fokker Services, as applicable.

Reporting:

- (3) Within 30 days after the DET as required by paragraph (1) of this AD, report the inspection results (including no findings) to Fokker Services.

Ref. Publications:

Fokker Services SBF100-53-133 original issue dated 27 November 2019.

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

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 10 December 2019 as PAD 19-211 for consultation until 07 January 2020. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).



5. For any question concerning the technical content of the requirements in this AD, 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.

