



Airworthiness Directive

AD No.: 2023-0084

Issued: 25 April 2023

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 or Annex Vb Part ML.A.301, as applicable, 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 Annex Vb Part ML.A.303, as applicable] 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):

F27 aeroplanes

Effective Date: 09 May 2023

TCDS Number(s): EASA.A.036

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Fuselage – Skin Lap Joints – Inspection

Manufacturer(s):

Fokker Aircraft B.V.

Applicability:

F27 Mark 050 aeroplanes, serial numbers 20103 to 20335 inclusive.

Definitions:

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

The SB: Fokker Services Service Bulletin (SB) SBF50-53-063.

Affected aeroplane: Each aeroplane which, on the effective date of this AD, has accumulated or exceeded 40 000 flight cycles (FC).

Reason:

An occurrence was reported where, during inspection of an F27 Mark 050 aeroplane in accordance with Airworthiness Limitation Section (ALS) Part 2 task 531000-00-24, damage was found at multiple sites on the lap join outer skin at stringer (STR) 117, left-hand (LH) side, between fuselage station (STA) 6225 and STA6675.



This condition, if not detected and corrected, could lead to reduced structural integrity of the fuselage.

To address this potential unsafe condition, Fokker Services has issued the SB, providing inspection instructions.

For the reason described above, this AD requires, only for affected aeroplanes, as defined in this AD, a one-time special detailed inspection (SDI) of the extended lap joint skin, between STA4550 and STA6675, at STR117 LH side and STR141 right-hand (RH) side. This AD also requires reporting inspection results.

This AD is considered 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) For each affected aeroplane: Within 500 FC or 6 months, whichever occurs first after the effective date of this AD, accomplish an SDI of the extended lap joint skin between fuselage STA4550 and STA6675 at STR117 (LH side) and STR141 (RH side) in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during the SDI as required by paragraph (1) of this AD, discrepancies (as identified in the SB) are detected, before next flight, contact Fokker Services for approved repair instructions and accomplish those instructions accordingly.

Reporting:

- (3) Within 30 days after the SDI as required by paragraph (1) of this AD, or within 30 days after the effective date of this AD, whichever occurs later, report the inspection results (including no findings) to Fokker Services. This can be done in accordance with the instructions of the SB.

Ref. Publications:

Fokker Services SBF50-53-063 original issue dated 14 March 2023.

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 23 March 2023 as PAD 23-037 for consultation until 20 April 2023. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD 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.
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.

