

Airworthiness Directive of the Netherlands



Ministry of Transport, Public Works and Water Management
Directorate-General of Civil Aviation
Aeronautical Inspection Directorate

Bijzondere Luchtwaardigheids Aanwijzing (BLA)

Caution

In accordance with the Civil Air Navigation Regulations (RTL), Articles 76 and 88, the following Airworthiness Directive (BLA) is issued by the Director-General of Civil Aviation of the Netherlands (Directeur-Generaal van de Rijksluchtvaartdienst -RLD). Airworthiness Directives affect aviation safety. They are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive.

BLA nr : 93-066 (A)

Date : May 10, 1993

FOKKER AIRCRAFT B.V.

Model F.27 Mk.050

Seq.: 114

Type Certificate Nr.:

T-050-87

FLIGHT CONTROLS - AILERON TRIM SCREWJACK CAPSCREWS - INSPECTION/REPLACEMENT

Description:

During a shop inspection of Morse Controls Limited Motorised Aileron Trim Screwjacks, P/N 189255, a number of failed capscrews (P/N NAS1351-3-32P) were detected. Subsequent investigation showed that these failures were due to incorrect treatment of the screws by the original screw manufacturer. When part of one failed screw enters the screwjack gearbox, it causes the screwjack to jam, which results in loss of trim-function of the trim/balance tab. Failure of all four capscrews, however, may result in uncontrolled movement of the trim/balance tab, i.e. flutter. Since the unsafe condition described may exist or develop on other aircraft of the same type design, this Airworthiness Directive (BLA) is issued to prevent further capscrew failures and requires the inspection and, ultimately, replacement of the affected capscrews.

Effectivity:

- * F.27 Mk.050 aircraft, all serial numbers, if equipped with Morse Controls Ltd. Aileron Trim Screwjacks, P/N 189255, serial numbers 53/88 to 112/90 inclusive.
- * Morse Controls Limited (MCL) spare Aileron Trim Screwjacks, P/N 189255, serial numbers 53/88 to 112/90 inclusive.

Effective date: June 01, 1993

Compliance:

Required as indicated, unless accomplished previously:

(a) Within the next 350 flight hours or three (3) calendar months, whichever occurs first, after the effective date of this AD, visually inspect the capscrews P/N NAS1351-3-32P (MCL P/N 189675) on the affected MCL Motorised Aileron Trim Screwjacks P/N 189255, in accordance with Part 1 of the ACCOMPLISHMENT INSTRUCTIONS of Fokker Service Bulletin (SB) F50-27-038 dated April 26, 1993 or a later RLD-approved revision;

(b) When a defective capscrew is found, modify the affected MCL Motorised Aileron Trim Screwjack P/N 189255 before further flight, by replacing all four capscrews in accordance with Part 2 of the ACCOMPLISHMENT INSTRUCTIONS of Fokker SB F50-27-038 dated April 26, 1993 or a later RLD-approved revision;

NOTE 1: After replacement of the capscrews, no further action is required.

(c) If no defective capscrews are found, proceed with paragraph (d) of this AD.

(d) Within the next 2,000 flight hours or twelve (12) calendar months, whichever occurs first, after the effective date of this AD, unless accomplished previously in accordance with paragraph (b) of this AD, modify all affected MCL Motorised Aileron Trim Screwjacks P/N 189255, in accordance with Part 2 of the ACCOMPLISHMENT INSTRUCTIONS of Fokker SB F50-27-038 dated April 26, 1993 or a later RLD-approved revision.

NOTE 2: Morse Controls Limited SB 27-10-189255-A (MANDATORY), issue 1, dated March/93 also pertains to this subject.

Correspondence address

P.O. box 575, 2130 AN Hoofddorp, the Netherlands

Telephone 31-(0)2503-63131

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Remarks:

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from the aircraft manufacturer, or from:

Morse Controls Limited
Christopher Martin Road
Basildon, Essex SS14 3ES
England, United Kingdom
Telephone: ()-44-268-522861
Facsimile: ()-44-268-282994

- Compliance with this AD must be recorded in the proper Aircraft Log Book(s).

Address inquiries concerning this AD to:

Bureau Coordination & Technical Information (CTI)
Telephone 31-(0)2503-63155; Facsimile 31-(0)2503-40741; Telex 74592 rldli n1