



Airworthiness Directive of the Netherlands

Bijzondere Luchtwaardigheids Aanwijzing - BLA

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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. These 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 : 1996-125/2

(A)

Date : October 30, 1998

FOKKER SERVICES B.V.
(formerly Fokker Aircraft B.V.)

Model F.28 Mk.0100

RLD Type Certificate Nr.:

T-100-87

DOORS - SMALL CARGO DOOR HINGE ASSEMBLY - INSPECTION

Description:

- During scheduled visual inspections on several Fokker Model F.28 Mk.0100 aircraft, fatigue cracks were found in the hinges of the small cargo doors. These cracks occurred earlier than anticipated by the fatigue analysis and test results on which the Maintenance Review Board (MRB) document's hinge inspection tasks were based. To ensure structural integrity and to collect more data to facilitate an MRB review, Fokker issued Service Bulletin (SB) F100-52-061, describing a one-time inspection of the cargo hinges for fatigue cracks, which was then made MANDATORY by the first issue of this Airworthiness Directive (BLA). After analyzing the results of the one-time inspection, the RLD has decided to introduce a new Airworthiness Limitations Item (ALI) into the MRB, with task number 523052-00-05. Concurrently, MRB tasks 523052-00-02 and 523052-00-03, which cover the same subject cargo door hinges, have been deleted. Since an unsafe condition has been identified that may exist or develop on other aircraft of the same type design, this Airworthiness Directive (BLA) requires the introduction of a repetitive detailed inspection of the affected cargo door hinges.

- **Applicability: Fokker Aircraft B.V. Model F.28 Mk.0100**, all serial numbers, if equipped with small cargo doors, having hinge assemblies with Part Number (P/N) A28410-405, A28410-407 and/or D28410-409 installed.

- **Effective date:** December 1, 1998

Compliance: Required as indicated, unless accomplished previously.

- (a) Check the aircraft maintenance records and establish the total number of flight cycles for each affected small cargo door hinge assembly, having either P/N A28410-405, A28410-407 or D28410-409; small cargo door hinges for which the actual number of flight cycles cannot be established, must be initially inspected before January 1, 1999 and thereafter as required by paragraph (b) of this directive;
- (b) Before each affected small cargo door hinge assembly accumulates 8,000 flight cycles since new, or before January 1, 1999, whichever occurs later, and thereafter at intervals not exceeding 8,000 flight cycles, perform a detailed inspection of the affected cargo door hinge assemblies in accordance with the applicable Fokker 70/100 Non-Destructive Testing (NDT) Manual, Part 6, Procedure 52-30-01;
- (c) If cracks are found during any of the inspections as required by paragraph (b) of this directive, before further flight, contact Fokker Services and accomplish the necessary repairs, either in accordance with the applicable Fokker 70/100 Structural Repair Manual or an RLD-approved and specific repair advice provided by Fokker Services.

Remarks:

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from **Fokker Services B.V., Technical Services, P.O.Box 75047, 1117 ZN Schiphol Airport, The Netherlands; telephone (31) 20-605-2136; facsimile (31) 20-605-2790.**
- Compliance with this AD must be recorded in the proper Aircraft Log Book(s).
- Where applicable, the requirements of this AD must be integrated into the Aircraft's Maintenance Schedule.
- This revision supersedes and cancels Airworthiness Directive (BLA) 1996-125 dated September 30, 1996.

Address inquiries concerning this AD to:

Bureau Coordination & Technical Information (CTI); Telephone 31-(0)23-566 3155; Facsimile 31-(0)23-562 3848; Telex 74592 rldli nl