



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 : 1989-049/3 (A)

Date : June 28, 1996.

■ FOKKER SERVICES

■ (formerly Fokker Aircraft B.V.)

Model F.28 Mk.0100 and Mk.0070 series

Type Certificate Nr.:

T-100-87

POWER PLANT - LOWER COWL DOOR ENGAGEMENT - INSPECTION/MODIFICATION

Description:

Operational experience has shown that an aerodynamic gap/mismatch may exist between the fixed engine cowl and the lower cowl door. Should this mismatch exceed a certain value, it is possible that one or more hooks will not engage properly. Thus, the redundancy of the lower cowl door engagement in the closed position may be degraded. Since an unsafe condition had been identified that was considered likely to exist or develop on other aircraft of the same type design, the original issue of this Airworthiness Directive (BLA) required the accomplishment of a one-time inspection of the cowl door engagement, modifications of the hooks and clevis fittings and a subsequent periodical inspection for aerodynamic mismatch. Further investigation has shown that repetitive inspections are no longer required. Consequently, this BLA is revised to require a one-time improved inspection and corrective action, if necessary. The applicability has been amended accordingly.

Applicability: **Fokker Aircraft B.V.** Model F.28 Mk.0100 and Mk.0070 series aircraft, serial numbers 11244 through 11469, 11471, 11474 through 11483, 11489, 11490, 11491, 11494, 11498, 11499, 11501, 11502, 11504, 11506, 11507, 11512 through 11515, 11517, 11520, 11528 and 11537.

Effective date: July 15, 1996.

Compliance: Required as indicated, unless accomplished previously.

(a) On a limited number of aircraft, as applicable, within 2,500 flight cycles (FC) after the latest inspection as required by BLA 89-049/2, modify the hook & latch assembly in accordance with Part 1 of the Accomplishment Instructions of Fokker Service Bulletin (SB) F100-71-019 dated March 21, 1996 or a later RLD-approved revision;

NOTE: The accomplishment of Part 1 of Fokker SB F100-71-003 dated April 14, 1989 or Revision 1, dated August 08, 1989, or Revision 2, dated November 21, 1994 or a later RLD-approved revision is considered an acceptable alternative means of compliance for this requirement.

(b) Within 2,500 flight cycles (FC) since new, or within 2,500 FC after the latest inspection as required by BLA 89-049/2, as applicable, inspect both engines' lower cowl door hook & latch assemblies and fittings in accordance with Part 2 of the Accomplishment Instructions of Fokker SB F100-71-019 dated March 21, 1996 or a later RLD-approved revision;

(c) If, during the inspection as required by paragraph (b) of this AD, a mismatch is measured that exceeds 6.5 mm, within 12 months after the detection of this defect, modify the affected lower cowl door's mid-clevis fitting in accordance with the Accomplishment Instructions of Fokker Component SB P41230-71-07 dated February 15, 1996 or a later RLD-approved revision.

Remarks:

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from **Fokker Services, Technical Support Dept., 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).
- This revision supersedes and cancels Airworthiness Directive (BLA) 89-049/2 dated December 12, 1994.

Address inquiries concerning this AD to:

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