



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 : 1992-099/2 (A)

Date : August 31, 1995

FOKKER AIRCRAFT B.V.

Model F.27 Mk.050 series

Type Certificate Nr.:

T-050-87

FUEL - COLLECTOR TANK STRAP ASSEMBLIES & FUEL LINES - INSPECTION

Description:

- During 1992, reports were received of leaking fuel lines and failures of collector tank support straps. Investigation revealed cracks near the welded joint of the horizontal and vertical section of the T-shaped fuel line in the engine nacelle. At the time, it was considered likely that these had been caused by failure of the support strap of the collector tank. Subsequent movement of the collector tank then resulted in excessive stresses on the connected fuel lines, adversely affecting the fatigue life of these fuel lines. The initial failure of the collector tank support straps was probably caused by incorrectly applied torque values. Airworthiness Directive (BLA) 92-099 was issued to require a one-time inspection of the collector tank support straps for proper torque values and the periodical inspection of certain fuel lines for cracks and fuel leaks.
- Service experience has now shown that, provided both the collector tank and fuel lines have been correctly installed, the periodical inspections may be discontinued. For the reasons described above, this BLA is revised to require as terminating action the inspection of the collector tank for correct installation and of the fuel lines for proper alignment.

- **Applicability: Fokker Aircraft B.V.** Model F.27 Mk.050 series aircraft, serial numbers as listed in Fokker Service Bulletins (SB) F50-28-014 Revision 2 and F50-28-018, both dated August 04, 1995 or later
- RLD-approved revisions.

- **Effective date:** September 15, 1995

Compliance: Required as indicated, unless already accomplished:

- (a) Within the next 100 flight hours after October 12, 1992, accomplish the following:
 - (1) Inspect the collector tank support strap assemblies in accordance with Part 1 of the Accomplishment Instructions of Fokker SB F50-28-014 dated June 26, 1992 or a later RLD-approved revision;
 - (2) Inspect the welded joints of fuel lines P/N F8423-102-401 and -402 in accordance with Part 1 of the Accomplishment Instructions of Fokker SB F50-28-014 dated June 26, 1992 or a later RLD-approved revision;
- (b) Thereafter, at intervals not exceeding 500 flight hours, inspect the welded joints of fuel lines P/N F8423-102-401 and -402 in accordance with Part 1 of the Accomplishment Instructions of Fokker SB F50-28-014 dated June 26, 1992 or a later RLD-approved revision;
Note 1: If no leaks or cracks are found, no further action is required until the next inspection.
- (c) When fuel leaks are found, before further flight, replace the affected fuel lines with improved units P/N F8423-102-405 and -406 in accordance with Part 2 of the Accomplishment Instructions of Fokker SB F50-28-014 dated June 26, 1992 or a later RLD-approved revision;

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(d) When cracks are found, within 250 flight hours, replace the affected fuel lines with improved units P/N F8423-102-405 and -406 in accordance with Part 2 of the Accomplishment Instructions of Fokker SB F50-28-014 dated June 26, 1992 or a later RLD-approved revision.

(e) Within 1,500 flight cycles after the effective date of the present airworthiness directive, inspect the installation of the collector tank and the alignment of the fuel lines in accordance with Part 1 of the Accomplishment Instructions of Fokker SB F50-28-018 dated August 04, 1995 or a later RLD-approved revision.

Note 2: After replacement of the fuel lines in accordance with paragraph (c) or (d) of this AD, or the inspections in accordance with paragraph (e) of this AD, as applicable, the periodical inspections of paragraph (b) are no longer required.

Remarks:

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from **Fokker Aircraft B.V., Technical Support Turboprop Aircraft (MPTT), Attn. Manager Airline Support, P.O. Box 12222, 1100 AE Amsterdam Zuid-Oost, The Netherlands; telephone (31) 20-605-7379; facsimile (31) 20-605-7555.**
- 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) 92-099 dated October 5, 1992.

Address inquiries concerning this AD to:

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