



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 : 1997-094 (A)

Date : September 30, 1997

FOKKER SERVICES B.V.
(formerly Fokker Aircraft B.V.)
Model F.27 series

RLD Type Certificate Nr.:

A22F

FUEL - NACELLE FUEL LINES - INSPECTION/REPLACEMENT

Description:

RLD has recently received a report concerning a Fokker Model F.27 Mk.500RF, where the operator detected fuel leaking from the RH engine nacelle. Investigation revealed the fuel to originate from a hole in a forward fuel feed line, Part Number (P/N) F471-27-1, located at nacelle frame STA.3038. Closer examination showed this damage to have been caused by interference between the nearby Ignition Unit High Tension leads and the affected fuel feed line. At least one lead appeared to be incorrectly supported, resulting in chafing and the subsequent damage to the fuel line. This condition, if not corrected, could eventually result in a significant loss of fuel and/or nacelle fire. Since an unsafe condition has been identified that is likely to exist or develop on other aircraft of the same type design, this Airworthiness Directive (BLA) requires an inspection of fuel lines for chafing damage and replacement, as necessary, and modification of the routing and support of the affected High Tension leads.

Applicability: **Fokker Aircraft B.V.** Model F.27 Mk.100 through Mk.700 series, all serial numbers.

Effective date: October 15, 1997

Compliance: Required as indicated, unless accomplished previously.

(a) Within the next six calendar months after the effective date of this directive, inspect the forward fuel feed lines P/N F471-27-1 or P/N F252-27-1 (RH nacelle), and P/N F470-27-1 or P/N F152-27-1 (LH nacelle), located at frame STA.3038 for damage, in accordance with Part 1 of the Accomplishment Instructions of Fokker Service Bulletin (SB) F27/28-62 dated September 1, 1997 or a later RLD-approved revision; if no damage is found, proceed directly with paragraph (c) of this directive.

(b) If any fuel line is found damaged, accomplish one of the following :

(1) If the depth of the damage exceeds 0.009 inch, before further flight, replace the affected fuel line with an airworthy part of the same part number;

(2) If the depth is less than 0.009 inch, re-inspect the affected fuel line at every maintenance base visit thereafter and, within the next 50 flight hours after detection, replace the affected fuel line with an airworthy part of the same part number;

(c) Within the next six calendar months after the effective date of this directive, modify the routing and support of the High Tension leads of the inboard Ignition Units in accordance with Part 2 of the Accomplishment Instructions of Fokker SB F27/28-62 dated September 1, 1997 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 B.V., Technical Support Dept., P.O.Box 75047, 1117 ZN Schiphol Airport, The Netherlands; telephone (31) 20-605-2047; facsimile (31) 20-605-2000.**
- 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)23-566 3155; Facsimile 31-(0)23-562 3848; Telex 74592 rldli nl