



Airworthiness Directive of the Netherlands

Bijzondere Luchtwaardigheids Aanwijzing - BLA

Correspondence address
P.O. Box 575, 2130 AN Hoofddorp, The Netherlands

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 : 1999-110

(A)

Date : August 31, 1999

FOKKER SERVICES B.V.

(formerly Fokker Aircraft B.V.)

Model F.28 Mk.0070, Mk.0100

RLD Type Certificate Nr.:

T-100-87

FIRE PROTECTION - ENGINE- & APU ELECTRICAL CONNECTORS - INSPECTION/MODIFICATION

Description:

Recently RLD received a report that on a Fokker 100 (F.28 Mk.0100) aircraft, a fire extinguisher electrical circuit for the Auxiliary Power Unit (APU) was found to have shorted. A subsequent check on other aircraft revealed that similar conditions affected the engine fire extinguisher circuits, due to twisted wires which allowed the contact pins to touch. Further investigation established that certain types of electrical cartridge connectors on both engine- and APU fire extinguisher bottles did not have heat shrink sleeves Part Number (P/N) FON1-3618 installed. This condition, if not corrected, may result in the individual connector pins to cause a short circuit, leading to a disabling of the affected fire extinguisher system.

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 the inspection and, if necessary, modification of the affected electrical connectors.

Applicability: **Fokker Aircraft B.V.** Model F.28 Mk.0070 and Mk.0100, all serial numbers.

Effective date: September 20, 1999

Compliance: Required as indicated, unless accomplished previously.

(a) Within the next 12 calendar months after the effective date of this directive, perform a resistance check on the affected engine- and APU fire extinguishing electrical connectors in accordance with Part A of the Accomplishment Instructions of Fokker Service Bulletin (SB) F100-26-015 dated August 15, 1999 or a later RLD-approved revision;

(b) If a short circuit is detected during the check as required by paragraph (a) of this directive, before further flight, inspect and, if necessary, modify the affected connectors in accordance with Part B (Paragraphs C through H) of the Accomplishment Instructions of Fokker SB F100-26-015 dated August 15, 1999 or a later RLD-approved revision;

(c) If no short circuit is detected during the check as required by paragraph (a) of this directive, at the next scheduled weight check of the fire extinguishing bottle or within two (2) years after the inspection as required by paragraph (a) of this directive, whichever occurs first, inspect and, if necessary, modify the affected connectors in accordance with Part B (Paragraphs C through H) of the Accomplishment Instructions of Fokker SB F100-26-015 dated August 15, 1999 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 Services Dept., P.O.Box 231, 2150 AE Nieuw-Vennep, The Netherlands; telephone (31) 252-627-350; facsimile (31) 252-627-211.**
- 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)23-566 3006; Telex 74592 rldli nl
E-mail "info.register@rld.minvenw.nl"