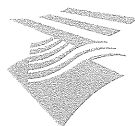


Airworthiness Directive of the Netherlands



Ministry of Transport, Public Works and Water Management

Directorate-General of Civil Aviation

Aeronautical Inspection Directorate

Bijzondere Luchtwaardigheids Aanwijzing (BLA)

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. They 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 : 94-146 (A)

Date : September 30, 1994

FOKKER AIRCRAFT B.V.

Model F.28 Mk.0100

Type Certificate Nr.:

T-100-87

FUEL - FUEL BALANCE TRANSFER SYSTEM - INSPECTION/DEACTIVATION

Description:

As an option, on customer's request, Fokker Model F.28 Mk.0100 aircraft have been delivered with a Fuel Balance Transfer System (FBTS) installed, which is used during maintenance activities to move the Center of Gravity (CG) forward, as required. The FBTS allows fuel to be transferred from the main tanks to the centre tank through the cross-feed system. This process minimizes the aft tipping effect when heavy components, positioned forward of the CG, are removed. Recently, Fokker Aircraft discovered that the actuator of the Fuel Balance Transfer Valve (FBTV), which prevents inadvertent and uncontrolled transfer of fuel, could remain in the open position, without a flight deck indication, in certain failure conditions. When in flight, an open transfer valve may reduce the fuel supply to the engines during cross-feed operation. Although no actual incidents of this kind have been reported to date, and RLD considers such an occurrence remote, this condition, if not corrected, may lead to fuel starvation. Since an unsafe condition has been identified that may exist or develop on aircraft of this type design, this Airworthiness Directive (BLA) requires a periodic pre-flight inspection of the position indicator of the FBTV to establish that the valve is in the **CLOSED** position and, subsequently, the deactivation of the FBTS. Fokker Aircraft is currently investigating the installation of a check valve to prevent the occurrence of fuel starvation under failure conditions.

Applicability: **Fokker Aircraft B.V.** Model F.28 Mk.0100 aircraft, serial numbers as listed in Fokker Service Bulletin (SB) F100-28-030 dated August 28, 1994.

Effective date: October 15, 1994

Compliance: Required as indicated, unless accomplished previously.

- (a) After each use of the FBTS during maintenance after the effective date of this AD, before further flight, inspect the position indicator of the FBTV to establish that the valve is in the **CLOSED** position, in accordance with Part 1 of the Accomplishment Instructions of Fokker SB F100-28-030 dated August 28, 1994 or a later RLD-approved revision;
- (b) Within 90 calendar days after the effective date of this AD, deactivate the FBTS in accordance with either Part 2 or Part 3 of the Accomplishment Instructions of Fokker SB F100-28-030 dated August 28, 1994 or a later RLD-approved revision, as applicable.

Remarks:

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from the manufacturer.
- 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)

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