



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 : 1999-117

(A)

Date : September 30, 1999

FOKKER SERVICES B.V.
(formerly Fokker Aircraft B.V.)

Model F.28 series

RLD Type Certificate Nr.:

A23F

CONTAMINATED RUNWAY PERFORMANCE - ANTI-SKID SYSTEM & LIFTDUMPERS - MODIFICATIONS

Description:

Service experience has shown that, irrespective of aircraft design, when a landing is made on a wet or contaminated runway, wheel spin-up may be delayed due to so-called "aqua-planing" and/or the reduced friction between the runway surface and the tires. These types of landing conditions may result in delayed automatic lift-dumper deployment, reduced braking efficiency and serious increases in stopping distance.

Over the years, several modifications have been developed for the Fokker F.28 "Fellowship" aircraft to counter these eventualities :

- the introduction of a 7 second time delay in the touchdown protection mode of the anti-skid system to allow the wheels to spin up (Fokker Service Bulletins (SB) F28/32-116 and F28/32-127); and
- a lever to actuate the lift-dumpers manually (Fokker SB F28/27-101).

A recent review of runway overrun occurrences involving the F.28 revealed that aircraft without either or both the referenced modifications installed were statistically more likely to experience runway overruns.

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) is issued to require the accomplishment of the referenced modifications and improvements and to amend the F28 Flight Handbook, as applicable.

Applicability: Fokker Aircraft B.V. Model F.28 Mk.1000 through Mk.4000 series, serial numbers 11003 through 11141 and 11991 through 11993

Effective date: October 20, 1999

Compliance: Required as indicated, unless accomplished previously.

(a) Within the next 18 months after the effective date of this directive, modify the anti-skid system in accordance with Part A of the Accomplishment Instructions of Fokker SB F28/32-116 Rev.2, as applicable; and in accordance with Part A or B, as applicable, of the Accomplishment Instructions of Fokker SB F28/32-127 Rev.1, both dated September 1, 1999 or a later RLD-approved revision;

(b) Within the next 24 months after the effective date of this directive, install a Manual Lift-dumper Actuating Lever on the Captain's RH Throttle Lever, as applicable, in accordance with the Accomplishment Instructions of Fokker SB F28/27-101 Rev.1 dated September 1, 1999 or a later RLD-approved revision;

(c) Concurrently with the accomplishment of the modification as required by paragraph (b) of this directive, as applicable, amend the F28 Flight Handbook, Section Normal Procedures, Chapter 1.4.7 in accordance with Fokker F28 Manual Change Notification - Operational Documentation (MCNO) Nr. F28-007 dated September 1, 1999.

Note : Fokker F28 All Operator Message No. AOF28.015 (Ref. TS 99.59178) dated August 27, 1999 and Fokker F28 Manual Change Notifications - Maintenance Documentation (MCNM) Nrs. F28-011, F28-012 and F28-013, all dated July 1, 1999 also pertain to this subject.

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 **Flight Handbook** and 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"