

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 Aviation Act 2001 (Wet Luchtvaart), Article 3.22, the following Airworthiness Directive (BLA) is issued by the Minister of Transport, Public Works and Water Management. 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 thereof.

BLA nr. 2004-122

(A)

Date : October 28, 2004

FOKKER SERVICES B.V.
(formerly Fokker Aircraft B.V.)
F.27 Mk.100 through Mk.700 series

CAA-NL Type Certificate Nr.

A22F

THIS AIRWORTHINESS DIRECTIVE IS PUBLISHED BY THE CAA-NL :

- acting for and on behalf of the European Aviation Safety Agency (EASA), as the Primary Airworthiness Authority (ICAO Annex 8 Authority of the State of Design) for the affected product(s); and
- has been approved under EASA reference Number 2004-10837 dated October 28, 2004.

(AIRPLANE) FLIGHT MANUAL - OPERATING PROCEDURES - AMENDMENT

Description :

Since the start of operations with the Fokker F.27 "Friendship", in March 1958, there have been 13 reported events of power loss on a single engine in icing conditions and 9 reported events of power loss on both engines in icing conditions. Investigation of these events has revealed that the use of continuous ignition in certain operational conditions, while the auto-feather system is armed, has the inherent risk of engine turbine damage on both engines in the event of engine flame-outs/loss of power. Continuous ignition may cause an immediate relight with the propeller already in a course pitch and as a consequence cause turbine damage and subsequent engine shut-down with no restart possibility. The investigation also revealed that the use of continuous ignition, as presently required by the (Airplane) Flight Manual Procedures in certain operational conditions, will not reduce the probability of engine power loss. Since an unsafe condition has been identified that may exist or develop on aircraft of this type design, this Airworthiness Directive (BLA) requires the amendment of the (Airplane) Flight Manual to include changes on the use of ignition in icing- or volcanic ash conditions and when fuel filter heating is required.

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

Effective date : November 1, 2004

Compliance : Required as indicated, unless accomplished previously.

Within the next calendar month after the effective date of this directive, amend the (Airplane) Flight Manual for each aircraft, as applicable, in accordance with the instructions as described in Fokker Services Manual Change Notification – Operational Documentation (MCNO) F27-020 dated June 1, 2004.

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; e-mail technicalservices.fokkerservices@stork.com.**
- Compliance with this directive must be recorded in the proper Aircraft Log Book(s).

Address inquiries concerning this AD to :

Aircraft Division, Section C&D; telephone +31-23-566-3155; facsimile +31-23-566-3006; e-mail Info.Register@ivw.nl.