



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 : 1998-110 (A)

Date : August 31, 1998

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

Model F.28 Mk.0070, Mk.0100

RLD Type Certificate Nr.:

T-100-87

INDICATING/RECORDING SYSTEMS - FLIGHT WARNING COMPUTER - REPLACEMENT

Description:

In-service experience with Fokker 70/100 aircraft has shown that full transition to another flight phase could take up to eight (8) seconds from the moment that all relevant input conditions are met. As a result, alerts may be generated during phases of flight in which they should be suppressed. AlliedSignal Grimes Aerospace Corporation have now developed a new software version (V11.45) Flight Warning Computer (FWC) Part Number (P/N) 80-0610-3-45 which reduces the time delay between flight phases to the lowest minimum attainable. The proposed replacement FWC also changes the flight phase inhibition definition of the REVERSER ENG 1(2) alerts, so that these alerts are no longer inhibited during initial climb between 400 and 1,000 feet radio altitude (flight phase 6). Airworthiness Directive (BLA) 1996-140 issue 2 also pertains to this latter subject. Since a potentially unsafe condition has been identified that is likely to exist or develop on other aircraft of the same type design, the present BLA requires the replacement of the Flight Warning Computer with a modified unit, P/N 80-0610-3-45.

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

Effective date: October 1, 1998

Compliance: Required as indicated, unless accomplished previously.

Within the next 18 calendar months after the effective date of this directive, accomplish the following :

(a) Concurrent with, or prior to replacement of the FWC as required by paragraph (b) of this directive, make the necessary wiring changes in accordance with the Accomplishment Instructions of Fokker Service Bulletin (SB) F100-31-047 Revision 1 dated March 21, 1997; FL Aerospace (now AlliedSignal) Grimes SB's 80-0610-31-0023 (software V8.31), 80-0610-31-0029 (V9.35) and 80-0610-31-0030 (V10.40) also pertain to this subject.

(b) Replace the current Grimes Flight Warning Computer with a modified unit, P/N 80-0610-3-45, in accordance with the Accomplishment Instructions of Fokker SB F100-31-051 dated August 15, 1998 or a later RLD-approved revision. AlliedSignal Grimes Aerospace Corporation SB 80-0610-31-0031 dated May 14, 1998 also pertains to this subject.

Note : Fokker Services' Manual Change Notifications MCNO (Operational) F100-012 and MCNM (Maintenance) F100-023, both dated August 1, 1998 provide further information with regard to the subject of this directive.

Remarks:

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from **Fokker Services B.V., Technical Services, 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