

# 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 : 93-094 (A)

Date : July 16, 1993

FOKKER AIRCRAFT B.V.

Model F.27 series

Seq.: 118

Type Certificate Nr.:

A22F

WINGS - LOWER SKIN AT STRINGERS 4 THROUGH 7 - INSPECTION/MODIFICATION

## Description:

After reports of cracks in the upper wing skin stringers 4 through 7, outboard of STA.10760, Airworthiness Directive (BLA) 91-058 (Aging Aircraft Modifications) was amended to require the accomplishment of Fokker Service Bulletin (SB) F.27/57-68, which describes a permanent modification of the affected connections for aircraft that have accumulated 30,000 flight cycles or more. Some operators, while performing this modification, discovered cracks in the lower wing skin stringers 4 through 7 as well. Since the unsafe condition described may exist or develop on other aircraft of the same type design, this Airworthiness Directive requires the inspection and permanent modification of rib-to-stringer connections.

## Effectivity:

F.27 aircraft (except Mk.050), all serial numbers

Effective date: July 23, 1993

Compliance: Required as indicated, unless accomplished previously.

(a) Inspect the lower wing skin stringers 4 through 7 at wing STA.11260, STA.11860, STA.12660, and STA.13460 in accordance with Part 2 of the ACCOMPLISHMENT INSTRUCTIONS of Fokker SB F.27/57-70 dated May 17, 1993 or a later RLD-approved revision as follows:

(1) Before accumulating 30,000 flight cycles (since new); or

(2) For aircraft that have already accumulated 30,000 flight cycles or more on the effective date of this AD, within the next 2,000 flight cycles or one calendar year after the effective date of this AD, whichever occurs first.

(b) If no cracks are found, repeat the inspection of paragraph (a) of this AD at an interval not exceeding 4,000 flight cycles.

NOTE: After accomplishing the modification of paragraph (d) of this AD, the repetitive inspections of paragraph (b) are no longer required.

(c) When cracks are found, accomplish the modification required by paragraph (d) of this AD as follows:

(1) Before further flight, if an area has broken out, or nearly broken out, around either a rivet hole or at any stringer position, or if the total length of all cracks at any stringer position exceeds the rivet pitch; or

(2) Within 500 flight hours or three (3) months after the inspection, whichever occurs first, if the total length of all cracks at any stringer position is less than the rivet pitch; or

(3) Within 2,000 flight hours or one calendar year after the inspection, whichever occurs first, at any stringer position, provided a temporary repair has been made in accordance with Part 3 of the ACCOMPLISHMENT INSTRUCTIONS of Fokker SB F.27/57-70 dated May 17, 1993 or a later RLD-approved revision.

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(d) Before accumulating 30,000 flight cycles (since new), or before January 01, 1995, whichever occurs last, modify the affected rib-to-stringer connections in accordance with Part 1 of the ACCOMPLISHMENT INSTRUCTIONS of Fokker SB F.27/57-70 dated May 17, 1993 or a later RLD-approved revision.

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).
- Where applicable, the requirements of this AD must be integrated into the aircraft's Maintenance Schedule.

Address inquiries concerning this AD to:

Bureau Coordination & Technical Information (CTI)  
Telephone 31-(0)2503-63155; Facsimile 31-(0)2503-40741; Telex 74592 rldli nl