

ministerie van verkeer en waterstaat
Ministry of Transport and Public Works

rijksluchtvaartdienst
Department of Civil Aviation

directie luchtvaartinspectie
Aeronautical Inspection Directorate



Postbus 575 2130 AN Hoofddorp Tel. 02503 - 63131

BLA nr. 89 - 20

Date: February 13, 1989

F O K K E R

Type: F.27
Seq.: 092

**BIJZONDERE LUCHTWAARDIGHEIDSAANWIJZING
(BLA)
NETHERLANDS AIRWORTHINESS DIRECTIVE**

Onder verwijzing naar BLA nr. 68-19-00 en BLA nr. 74-70-00 geeft de directeur Luchtvaartinspectie van de Rijksluchtvaartdienst de volgende Bijzondere Luchtwaardigheidsaanwijzing.

Under authority of the Netherlands Regulations on the State Control of Aviation the Director Aeronautical Inspection of the Civil Aviation Department gives the following Airworthiness Directive.

FUSELAGE - EXTERNAL SKIN - ONE-TIME INSPECTION

Description:

Full-scale fatigue tests of a Fokker 50 front fuselage section have shown that cracks may appear at rivet holes in the fuselage skin connections between STA.1400 and the partial pressure bulkhead. Undetected, these small cracks may eventually join and create a large crack along an entire rivet row, causing rapid cabin decompression. As the basic designs of both F.27 and Fokker 50 are essentially the same, similar cracks are likely to occur on F.27 aircraft. One such case has in fact already been reported, in which the fuselage skin of an F.27 ruptured between STA.3820 and STA.4240 along the rivet row of stringers 34 and 35. The aircraft concerned had accumulated 55,000 flight cycles.

To ensure fleet safety at present, this Airworthiness Directive (BLA) calls for a one-time inspection of the external fuselage skin, specifically at the riveted connections.

Effectivity:

F.27 aircraft serial numbers:

10102, 10105 to 10684 inclusive, 10686, 10687 and 10689 to 10692 inclusive.

Effective date: February 20, 1989

Compliance: required as indicated, unless already accomplished:

- before June 01, 1989, carry out the one-time inspection
 - (a) on all a/c which are or have been in post-SBF.27/21-30 configuration and have accumulated 30,000 flight cycles, and
 - (b) on all a/c in pre-SBF.27/21-30 configuration since production, which have accumulated 50,000 flight cycles.

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Accomplishment: In accordance with Fokker Service Bulletin F.27/53-108 dated February 03, 1989 or a later RLD-approved revision.

Remarks:

- In respect to art. 88 par. 3 of the Civil Air Navigation Regulations, this Airworthiness Directive (BLA) must be accomplished by or under supervision of an approved company.
- All operators of the affected aircraft are receiving the ref. Service Bulletin directly from the manufacturer.

Note:

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