

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 : 94-105 (A)

Date : August 5, 1994

FOKKER AIRCRAFT B.V.

Model F.27 series

Type Certificate Nr.:

A22F

FLIGHT CONTROLS - RUDDER HORN ASSEMBLY & CONTROL ROD - REPLACEMENT

Description:

In the past, a number of cracked or broken rudder horns have been reported by Fokker F.27 operators. Subsequent investigation of these cases led to the conclusion that impact overload, caused by heavy gust conditions while parked, had resulted in the initial fracture. In 1991, Fokker introduced an inspection procedure into the Aircraft Maintenance Manual to detect cracks, and issued Service Bulletin (SB) F.27/27-131, to provide for replacement of the rudder horn assembly and rudder control rod with improved units. Thereafter, several more rudder horns have been found cracked. RLD have reviewed and approved revision 1 of the referenced service bulletin. Since an unsafe condition has been identified that may exist or develop on other aircraft of the same type design, this Airworthiness Directive (BLA) requires the replacement of rudder horn assemblies Part Number (P/N) 3401-042-() and rudder control rods P/N 5233-018 with improved units, P/N F3402-070-407 and P/N F8507-052-403, respectively.

Applicability: **Fokker Aircraft B.V.** Model F.27 Mk.100 through Mk.700 series, all serial numbers, if in pre-SBF.27/27-131 -configuration.

Effective date: September 01, 1994

Compliance: Required within the next 18 calendar months after the effective date of this AD, unless accomplished previously.

Accomplishment: In accordance with Fokker SB F.27/27-131 dated April 09, 1991, or Revision 1, dated June 15, 1994 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).

Address inquiries concerning this AD to:

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