

# 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 : 92-028/2 (A)

Date : January 20, 1993

FOKKER AIRCRAFT B.V.

Model F.28 Mk.0100

Seq.: 093

Type Certificate Nr.:

T-100-87

## HYDRAULIC POWER - RETURN FILTER BYPASS VALVE ASSEMBLIES - REPLACEMENT

### Description:

At least one incident has been reported whereby the bypass valve seal of the hydraulic system return filter assembly came loose and got jammed in the outlet of the filter unit. This blocked the return flow to the hydraulic reservoir, causing the pressure in the return system to increase during the selection of sub-systems. Consequently, the running clearance in the brake unit became insufficient, resulting in overheated brakes and blown tires. Since the unsafe condition described may exist or develop on other aircraft of the same type design, this Airworthiness Directive (BLA) requires the replacement of the affected return filter bypass valve assemblies.

### Effectivity:

F.28 Mk.0100 aircraft serial numbers:

11244 to 11363 inclusive and 11408

Effective date: February 01, 1993

Compliance: Required as indicated, unless accomplished previously as required by the first issue of this directive:

Before March 01, 1993, replace return filters P/N QA05775 (Hydraulic System 1) and P/N QA05777 (Hydraulic System 2) with improved units P/N QA07236 and P/N QA07237, respectively, in accordance with the ACCOMPLISHMENT INSTRUCTIONS contained in Fokker Service Bulletin F100-29-021 Revision 2 dated December 22, 1992 or a later RLD-approved revision.

Reason for revision: Change in "Effectivity"; one additional aircraft was found to have been delivered with at least one Return Filter Bypass Valve Assembly of the type affected by this Airworthiness Directive.

### 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).
- This revision supersedes and cancels Airworthiness Directive (BLA) 92-028 issued February 21, 1992.

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