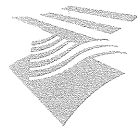


# Airworthiness Directive of the Netherlands



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 : 94-025 (A)  
Date : February 21, 1994

**FOKKER AIRCRAFT B.V.**  
Model F.27 Mk.050 Series

Type Certificate Nr.:

T-050-87

FLIGHT CONTROLS - AILERON HINGE BOLT & SPRING-TAB BALANCE UNIT - REPLACEMENT

## Description:

The RLD has received reports concerning two Fokker F.27 Mk.050 aircraft that, on separate occasions, sustained damage to the ailerons in heavy and gusty tailwind conditions, while the aircraft were parked. In both cases, the wind force on the ailerons was sufficient to cause the failure of the gustlock mechanism of the spring tab balance units in both ailerons. Investigation showed that, in one case, windspeeds in excess of the current JAR 25.415 requirements resulted in failure of an inboard aileron hinge bolt. 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 inboard aileron hinge bolts and spring tab balance units with improved parts. This modification reinforces the control system to provide protection in windspeeds up to 65 KTS horizontally, from any direction, in accordance with the JAR 25X519(a) picketing requirements and a future amendment of JAR 25.415.

**Applicability:** Fokker Aircraft B.V. Model F.27 Mk.050 Series aircraft, serial numbers 20103 through 20266, 20270 through 20292 and 20294 through 20304.

**Effective date:** March 01, 1994

**Compliance:** Required before July 01, 1995

**Accomplishment:** In accordance with Fokker Service Bulletin F50-27-036 dated December 28, 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).

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

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