



**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.

**WINGS - MAIN LANDING GEAR BAY CUTOUT - INSPECTION
FOR CRACKS ALONG THE LOWER OUTBOARD EDGE**

Description:

- 1) During major maintenance of an F.28 Mk 1000 aircraft a crack was found in the lower wing skin and internal bonded doubler in the area of station 2635 and the rear spar. The crack started in the forward outboard radius of the wheelbay cutout and extended underneath the external reinforcing strap for 120 mm. Further inspection revealed that the lower inboard flange of the MLG bracket was also cracked.
- 2) Investigation indicated that the cracking was caused by overloading, probably as a result of an unusual dragload following a runway overrun, which occurred several years ago. A possible contributory cause is excessive tolerance found in the holes of the reinforcing strap attachment bolts, which could reduce the effectiveness of the load path through the reinforcing strap. There was no evidence of continued propagation of the cracks and sufficient structural strength remained through alternative load paths.
- 3) The inspection detailed by the Fokker Service Bulletin is a precautionary measure to find out if the problem exists in other aircraft.

Effectivity: F.28 aircraft serial numbers:

11003 to 11091 inclusive, 11094 to 11126 inclusive

11128 to 11134 inclusive, 11136, 11137, 11991 and 11992.

Note: Because of production changes, inspection of aircraft serial numbers 11092, 11093, 11127, 11135, 11138 and subsequent is not required.

Effective date: issue 1: November 30, 1985
issue 2: March 31, 1987

Compliance: Required within three months after the effective date of this AD.

Accomplishment: In accordance with Fokker Service Bulletin F.28/57-76 R.1, dated March 24, 1987 or later RLD-approved revision.

BLA 85 - 87 issue 2

Remarks:

- 1) In respect to art.88 par.3 of the State Control of Aviation Act, this Airworthiness Directive (BLA) has to be accomplished by or under supervision of an approved company.
- 2) All operators of the effected aircraft are receiving the ref. Service Bulletin directly from the manufacturer.
- 3) This Airworthiness Directive (BLA) cancels and replaces BLA 85-87 dated November 18, 1985.

Reason for revision: issue 2: 1) change in effectivity.
2) change in compliance.

Note:

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