

Airworthiness Directive of The Netherlands

Bijzondere Luchtwaardigheids Aanwijzing - BLA

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Caution

In accordance with the Aviation Act 2001 (Wet Luchtvaart), Article 3.22, the following Airworthiness Directive (BLA) is issued by the Minister of Transport, Public Works and Water Management. Airworthiness Directives affect aviation safety. These 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 thereof.

BLA nr. 2004-021 (A)

Date : February 27, 2004

FOKKER SERVICES B.V.
(formerly Fokker Aircraft B.V.)
F.28 Mk.1000 thru Mk.4000 series

CAA-NL Type Certificate Nr.

A23F

THIS AIRWORTHINESS DIRECTIVE IS PUBLISHED BY THE CAA-NL :

- acting for and on behalf of the European Aviation Safety Agency (EASA), as the Primary Airworthiness Authority (ICAO Annex 8 Authority of the State of Design) for the affected product(s); and
- has been approved under EASA reference Number 1652 on 25 February 2004.

WINGS - LOWER SKIN REINFORCING STRAP ATTACHMENT HOLES - INSPECTION/REPAIR

Description :

One operator reportedly found worn attachment holes in the wing lower skin reinforcing strap at Wing STA.2635. Subsequent investigation found that repair bushes were improperly installed (the bushes ran completely through the wing skin and strap) in a number of holes during accomplishment of (optional) Fokker Service Bulletin (SB) F28/57-77. That particular SB refers to the Structural Repair Manual (SRM), Chapter 57-02-02, repair No.3 for restoration of close tolerance holes by oversizing or by installation of bushes. Although a joint with improperly installed bushes may still have adequate shear strength, its tensile strength is considerably reduced. For this reason, the applied repair is considered to be inadequate. Records indicate that this repair has been carried out on more than just this single aircraft. Since an unsafe condition has been identified that may exist on aircraft of this type design, this Airworthiness Directive (BLA) requires a one-time inspection of the affected lower wing skin reinforcing strap for the presence of incorrect bushes in the attachment holes and/or loose bolts, and repair, as necessary.

Applicability : Fokker Aircraft B.V. Model F.28 Mk.1000 thru Mk.4000 series, all serial numbers.

Effective date : March 20, 2004

Compliance : Required as indicated, unless accomplished previously.

- (a) Within the next 6 calendar months or 1,500 flight cycles after the effective date of this directive, whichever occurs first, inspect the lower wing skin reinforcing strap at wing STA.2635 for the presence of incorrect bushes in the attachment holes and/or loose bolts in accordance with Fokker SB F28/57-93 dated December 22, 2003 or a later CAA-NL approved revision;
- (b) When no bushes are installed, no further action is required by this directive;
- (c) When bushes are found installed, within the next 1,500 flight cycles after the date of inspection:
 - (1) Replace the bushes in accordance with Fokker SB F28/57-93 dated December 22, 2003 or a later CAA-NL approved revision; and
 - (2) Replace the lower wing skin reinforcing strap at wing STA.2635 in accordance with Fokker SB F28/57-96 dated December 22, 2003 or a later CAA-NL approved revision.

Remarks :

- Operators of the affected aircraft may obtain copies of the referenced service information upon request directly from **Fokker Services B.V., Technical Services Dept., P.O.Box 231, 2150 AE Nieuw-Vennep, The Netherlands; telephone (31) 252-627-350; facsimile (31) 252-627-211; e-mail technicalservices.fokkerservices@stork.com.**
- Compliance with this directive must be recorded in the proper Aircraft Log Book(s).

Address inquiries concerning this AD to :

Aircraft Division, Section C&D; telephone +31-23-566-3155; facsimile +31-23-566-3006; e-mail Info.Register@ivw.nl.