



Nr. NL-2006-002

Distribution : **L**

Date : January 24, 2006

Type Certificate Holder :

FOKKER SERVICES B.V.

(formerly Fokker Aircraft B.V.)

F28 Mark 0070 and Mark 0100

EASA Type Certificate Nr.

A.037

Caution

This Airworthiness Directive is issued by the Minister of Transport, Public Works and Water Management in accordance with the Aviation Act 2001 (Wet Luchtvaart), Article 3.22. Airworthiness Directives affect aviation safety. These are regulations which require immediate attention. No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements thereof, unless otherwise agreed with the Authority of the State of Registry (EC2042/2003, M.A.201 & M.A.303).

THIS AIRWORTHINESS DIRECTIVE IS PUBLISHED BY THE CAA-NL :

- acting for and on behalf of the European Aviation Safety Agency (EASA), as Airworthiness Authority (ICAO Annex 8) of the State of Design for the affected product(s) with reference to 21A.3B (a) and (b); and
- has been approved under EASA reference Number 2006-018 dated January 23, 2006.

Supersedure : Not Applicable

Subject : FIRE PROTECTION - ENGINE FIRE EXTINGUISHING LINE SHUTTLE VALVE - INSPECTION

Applicability : Fokker Aircraft B.V. Model F28 Mark 0070 and Mark 0100 aircraft, all serial numbers.

Reason : One Fokker 100 (F28 Mark 0100) operator reported that during maintenance in the APU compartment, a disconnected nut was discovered on one of the shuttle valves in the deployment lines of the engine fire-extinguishing system. An additional check by the operator revealed that on more aircraft in its fleet, the nuts of the shuttle valves were incorrectly tightened. This condition, if not corrected, could result in failure or deteriorated functioning of the engine fire-extinguishing system in case of an engine fire. Since a potentially unsafe condition has been identified that is likely to exist or develop on other aircraft of this type design, this Airworthiness Directive requires a one-time inspection of the nuts and shuttle valves in the deployment lines of the engine fire-extinguishing system in the APU compartment and corrective actions, as necessary.

Effective date : February 1, 2006

Mandatory Actions and Compliance Times : Required as indicated, unless accomplished previously.

(a) Within the next 6 calendar months after the effective date of this directive, inspect the nuts on the affected shuttle valves in accordance with Section 3. Accomplishment Instructions of Fokker Service Bulletin SBF100-26-019 dated January 6, 2006 or a later CAA-NL approved revision;

(b) When discrepancies are found during the inspection as required by paragraph (a) of this directive, before next flight, tighten or replace the affected nuts, or replace the shuttle valves in accordance with Section 3. Accomplishment Instructions of Fokker SBF100-26-019 dated January 6, 2006 or a later CAA-NL approved revision.

(c) Within 7 days after the inspection as required by paragraph (a) of this directive, report all discrepancies, if any have been found, to the TC-holder, address as indicated in the "remarks"-section of this directive.

Note: Fokker 70/100 Maintenance Manual Task 26-21-03-400-814A also pertains to this subject.

Reference Publication(s) :

Fokker SBF100-26-019

Fokker 70/100 AMM

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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 or can be downloaded from www.myfokkerfleet.com.
- Compliance with this directive must be recorded in the proper Aircraft Log Book(s).

Address inquiries concerning this AD to : Civil Aviation Authority, Aircraft Division, Section C&D, P.O. Box 575, 2130 AN Hoofddorp, The Netherlands; telephone +31-23-566-3155; facsimile +31-23-566-3006; e-mail Info.Register@ivw.nl.