


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2011-0051</p> <p>Date: 22 March 2011</p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
<p>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p>Type Approval Holder's Name :</p> <p>Fokker Services B.V.</p>	<p>Type/Model designation(s) :</p> <p>F28 Mark 0070 and Mark 0100 aeroplanes</p>
TCDS Number :	EASA.A.037
Foreign AD :	Not applicable
Supersedure :	None
ATA 29	Hydraulic Power – Hydraulic Quantity Abnormal Procedure – Airplane Flight Manual Change
Manufacturer(s):	Fokker Aircraft B.V.
Applicability:	Fokker F28 Mark 0070 and Mark 0100 aeroplanes, all serial numbers.
Reason:	<p>An in-flight failure of the hydraulic control panel resulted in the absence of pressure and quantity indication of the hydraulic system and accompanying alerts for “hydraulic system 1 low quantity” and “hydraulic system 2 low quantity”. The procedures prescribed the shut-off of the engine driven hydraulic pumps, resulting in complete absence of hydraulic pressure, which made it impossible to hydraulically control the flight controls, including the stabiliser. The status information contained in the procedures for these alerts may give the false impression that the stabiliser is still hydraulically controllable on one channel. The flight crew regained control by using the alternate electrically powered stabiliser control.</p> <p>A safety review revealed that a “hydraulic system 1 and 2 low quantity” alert could give the right information, however this alert is not available in the Flight Warning System. To solve this problem, Fokker Services improved the Hydraulic 1(2) Low Quantity Procedures in the Airplane Flight Manual (AFM).</p> <p>For the reasons described above, this AD requires the implementation of new abnormal procedures for hydraulics in the AFM.</p>
Effective Date:	05 April 2011

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously.</p> <p>Within 3 months after the effective date of this AD, amend the applicable AFM by inserting the new Abnormal Procedures Hydraulics, reference 4.07.01 (F28 Mark 0070: 4.07.01 version 01 issue 06, F28 Mark 0100: 4.07.01 version 03 issue 06) into the Abnormal Procedures Section.</p> <p>This may be accomplished by using the information provided in Fokker Services Manual Change Notification – Operational (MCNO) F100-057.</p>
<p>Ref. Publications:</p>	<p>AFM Fokker 70/100, as amended through MCNO F100-057 dated 17 December 2010.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 10 February 2011 as PAD 11-018 for consultation until 10 March 2011. The Comment Response Documents can be found at http://ad.easa.europa.eu/. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical aspects of the requirements in this AD, please contact: 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@fokker.com. The referenced publication can be downloaded from www.myfokkerfleet.com.