

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0045 Date: 21 March 2011 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.
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].	
Type Approval Holder's Name : Fokker Services B.V.	Type/Model designation(s) : F27 aeroplanes
TCDS Number : EASA.A.036	
Foreign AD : Not applicable	
Supersedure : None	
ATA 20	Standard Practices – Electrical Wiring Interconnection System – Instructions for Continued Airworthiness
Manufacturer(s):	Fokker Aircraft B.V. and predecessor companies
Applicability:	F27 Mark 200 through 700 aeroplanes, serial numbers 10133 through 10692.
Reason:	After several incidents and accidents, a.o. a fatal accident of a MD-11 (Swissair Flight 111), the civil aviation authorities developed rules in a joint rulemaking programme on Electrical Wiring Interconnection System (EWIS). As part of the rulemaking package, the FAA issued Advisory Circular AC25-27A and EASA issued AMC 20-21. EASA insisted on the development of Instructions for Continued Airworthiness (ICA) for EWIS also for F27 Mk. 200 through 700 aeroplanes. The review conducted by Fokker Services on the Fokker F27 type design, in response to these regulations, revealed that specific ICA for EWIS are necessary. Deterioration and/or contamination of EWIS, if not detected and corrected, could lead to arcing and, in combination with other factors, a fire and consequent damage to, or loss of, the aeroplane. For the reasons described above, this AD requires the implementation of EWIS related maintenance tasks and associated corrective actions and introduces the related standard practices.
Effective Date:	04 April 2011

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously. (1) Initially within 12 months after the effective date of this AD and thereafter within the intervals indicated in Table 1 of this AD, as applicable, accomplish the tasks as defined in Parts 2 through 8 of the Accomplishment Instructions of Fokker Services SBF27-20-002, using, if applicable, the standard practices as defined in Parts 9, 10 and 11 of the Accomplishment Instructions of Fokker Services SBF27-20-002. Table 1 <table border="1" data-bbox="550 461 1393 685"> <tr> <th>Parts of SBF27-20-002 Accomplishment Instructions</th><th>Required interval (not to exceed)</th></tr> <tr> <td>Parts 2, 3, 5, 6, 7 and 8</td><td>5 000 flight hours (FH)</td></tr> <tr> <td>Part 4</td><td>2 400 FH</td></tr> </table> (2) Compliance with the requirements of paragraph (1) of this AD can be demonstrated by: (2.1) Revising as follows the approved aircraft maintenance programme on the basis of which the Operator or the Owner ensures the continuing airworthiness of each operated aeroplane: Incorporate the ICA and standard practices, as applicable to the aeroplane configuration, in accordance with the tasks as defined in Parts 2 through 11 of the Accomplishment Instructions of Fokker Services SBF27-20-002, and (2.2) Complying with the approved aircraft maintenance programme described in paragraph (2.1) of this AD.	Parts of SBF27-20-002 Accomplishment Instructions	Required interval (not to exceed)	Parts 2, 3, 5, 6, 7 and 8	5 000 flight hours (FH)	Part 4	2 400 FH
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Ref. Publications:	Fokker Services SBF27-20-002 Revision 1 dated 13 December 2010. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.						
Remarks:	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 15 February 2011 as PAD 11-021 for consultation until 15 March 2011. No comments were received during the consultation period. 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.						