EASA AD No.: 2013-0125 **EASA** AIRWORTHINESS DIRECTIVE AD No.: 2013-0125 Date: 06 June 2013 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 EU 748/2012, Part 21.A.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]. **Design Approval Holder's Name:** Type/Model designation(s): FOKKER SERVICES B.V. F27 aeroplanes TCDS Number: EASA.A.036 Foreign AD: Not applicable Supersedure: None Fuel – Fuel Tanks – Modification [Fuel Tank Safety] **ATA 28** Manufacturer(s): Fokker Aircraft B.V. F27 Mark 050, Mark 0502 and Mark 0604 aeroplanes, all serial numbers. Applicability: Reason: Prompted by an accident of a Boeing 747-131 (flight TWA800), the FAA published Special Federal Aviation Regulation (SFAR) 88, and the Joint Aviation Authorities (JAA) published Interim Policy INT/POL/25/12. The review conducted by Fokker Services on the Fokker 50/60 design in response to these regulations revealed that no controlled bonding provisions are present on a number of critical locations, inside the fuel tank or connected to the fuel tank wall, and no anti-spray cover is installed on the fuelling shut-off valve in the LH wing.

This condition, if not corrected, could create an ignition source in the fuel tank vapour space, possibly resulting in a fuel tank explosion and consequent loss of the aeroplane.

For the reasons described above, this AD requires installation of additional bonding provisions inside the fuel tank and to the fuel tank wall and installation of an anti-spray cover on the fuelling shut-off valve in the LH wing and, subsequently, implementation of the associated Fuel Airworthiness Limitation Items (ALI) and Critical Design Configuration Control Limitations (CDCCL).

20 June 2013

Effective Date:

Required Action(s) and Compliance Time(s): Required as indicated, unless accomplished previously. (1) At the next scheduled opening of the fuel tanks after the effective date of this AD, install the additional bonding provisions inside the fuel tank and to the fuel tank wall and install an anti-spray cover on the fuelling shuther valve in the LH wing in accordance with the Accomplished in Part 3 (anti- spray cover and bonding provisions). Part 4 (bonding provisions) and/or Part 6 (bonding provisions) of SBF50-28-033 at original issue 0 November 2012 is acceptable to comply with the requirements of paragraph (1) of this AD for that aeroplane with respect to the corresponding parts of SBF50-28-033 at original issue 0 November 2012 is acceptable to comply with the requirements of paragraph (1) of this AD ensure that the additional bonding provisions inside the fuel tank and to the fuel tank with respect to the corresponding parts of SBF50-28-033 at originate as required by paragraph (1) of this AD ensure that the additional bonding provisions inside the fuel tank and to the fuel tank with and the advised and the advised accordance with the fueling shut-off valve in the LH wing termain installed on that aeroplane in compliance with the requirement of paragraph (3) of this AD can be demonstrated by: (4.1) Revising as follows the approved aircraft maintenance programme on the basis of which the approved aircraft maintenance programme on the basis of which the approved aircraft maintenance programme observices SBF50-28-03 3d digited on the acceptance: Incorporate the Euf All and CDCCL terms in accordance with the information in paragraph (4.1) of this AD. Ref. Publications; Folker Services SBF50-28-03 3d digited on the fuel accordance with the requirements of this AD. Note 2: More information on this subject can be found			
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