

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2013-0249</b></p> <p><b>Date: 17 October 2013</b></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>
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].	
<p><b>Design Approval Holder's Name:</b></p> <p>FOKKER SERVICES B.V.</p>	<p><b>Type/Model designation(s):</b></p> <p>F28 aeroplanes</p>
TCDS Number:	EASA.A.037
Foreign AD:	Not applicable
Supersedure:	None
<b>ATA 28</b>	<b>Fuel – Crossfeed System – Modification</b>
Manufacturer(s):	Fokker Aircraft B.V.
Applicability:	F28 Mark 1000, 2000, 3000 and 4000 series aeroplanes, all serial numbers.
Reason:	<p>A recent safety review revealed that if a significant fuel leak occurs in the crossfeed fuel line while the crossfeed valves are in the open position, the thrust delivery of both engines may be affected and a double flame-out can occur due to low fuel pressure or fuel starvation. A relight is not possible because the crossfeed valves cannot be closed since the actuators are powered through the 28 V DC bus 1.</p> <p>This condition, if not corrected, could result in loss of the aeroplane.</p> <p>To address this potential unsafe condition, Fokker Services developed a modification, which also involves changes to the Flight Handbook.</p> <p>For the reasons described above, this AD requires modification of the power supply to the crossfeed system and incorporation of related changes to the Emergency Procedures section of the F28 Flight Handbook.</p> <p>Additional information can be found in Fokker Services All Operator Message AOF28.040, now at issue 2 (#02).</p>
Effective Date:	31 October 2013

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously.</p> <p>Within 24 months after the effective date of this AD, accomplish the following actions concurrently:</p> <ol style="list-style-type: none"> <li>(1) Modify the power supply to the crossfeed system in accordance with the Accomplishment Instructions of Appendix 1 to Fokker Services Service Bulletin (SB) SBF28-28-045 Revision 1.</li> <li>(2) Amend the Emergency Procedures section of the applicable F28 Flight Handbook in accordance with the instructions of Manual Change Notification – Operational (MCNO) F28-021.</li> </ol>
<p>Ref. Publications:</p>	<p>Fokker Services SBF28-28-045 Revision 1 dated 03 October 2013.</p> <p>Fokker Services MCNO F28-021 dated 03 October 2013.</p> <p>Fokker Services AOF28.040#02 dated 03 October 2013.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 16 September 2013 as PAD 13-140 for consultation until 14 October 2013. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact: Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL, Hoofddorp, The Netherlands, telephone +31-88-6280-350, facsimile +31-88-6280-111, e-mail: <a href="mailto:technicalservices@fokker.com">technicalservices@fokker.com</a>. The referenced publication can be downloaded from <a href="http://www.myfokkerfleet.com">www.myfokkerfleet.com</a>.</li> </ol>