

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009-0044</p> <p>Date: 27 February 2009</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>328 Support Services GmbH</p>	<p>Type/Model designation(s) :</p> <p>328-100 and 328-300 aeroplanes</p>
TCDS Number :	EASA.A.096
Foreign AD :	Not applicable
Supersedure :	None
ATA 27	Flight Controls – Elevator-, Rudder- and Aileron Trim Tab Assemblies – Inspection / Replacement
Manufacturer(s):	AvCraft Aerospace GmbH, Fairchild-Dornier GmbH, Dornier Luftfahrt GmbH
Applicability:	Model 328-100 aeroplanes, all serial numbers; and Model 328-300 aeroplanes, all serial numbers.
Reason:	<p>During a recent Aileron Dual Load Path and Linkage Inspection, which is a certification maintenance requirement (CMR) task, the installed control rods were found to be corroded. The affected rod assemblies were removed for investigation and it was found that the Tab Side Fitting was cracked.</p> <p>Subsequently, similar cracks were found on another aeroplane in a supporting lever of the Control Rod attachment fitting of the Trim Tab. Those cracks were found during the applicable CMR inspection.</p> <p>This condition, if not corrected, could lead to structural failure of the dual load path attachment arrangement of the affected trim and spring tabs, possibly resulting in a flutter problem that could lead to loss of control of the aeroplane.</p> <p>For the reasons described above, this AD requires a one-time inspection of all flight controls trim- and spring tab assemblies and their surrounding area, the replacement of any parts that are found to be cracked and the reporting of all findings to the TC holder. This AD is considered to be an interim action and the current inspection interval for the affected parts may be reduced.</p>
Effective Date:	13 March 2009

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within the next 3 months after the effective date of this AD, accomplish a Detailed Visual Inspection of all flight controls trim- and spring tab assemblies and their surrounding area in accordance with the accomplishment instructions of 328 Support Services GmbH Service Bulletin SB-328-27-483 or SB-328J-27-233, as applicable to aeroplane model. (2) If any crack is detected during an inspection required by this AD, before further flight, replace the respective tab fitting in accordance with the accomplishment instructions of 328 Support Services GmbH Service Bulletin SB-328-27-483 or SB-328J-27-233, as applicable to aeroplane model. (3) Within 30 days after the inspection as required by paragraph (1) of this AD, send an inspection report to 328 Support Services GmbH by using the Compliance Form attached to the applicable SB.
<p>Ref. Publications:</p>	<p>328 Support Services GmbH SB-328-27-483 (for 328-100 aeroplanes) and 328 Support Services GmbH SB-328J-27-233 (for 328-300 aeroplanes), both dated 30 December 2008.</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 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 content of the requirements in this AD, please contact: 328 Support Services GmbH Global Support Centre, P.O. Box 1252 D-82231 Wessling, Federal Republic of Germany Telephone: +49 8153 88111 6666, Fax: 49 8153 88111 6565 E-mail: gsc.op@328support.de.