

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2009-0266 Date: 17 December 2009 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 : 328 Support Services GmbH	Type/Model designation(s) : 328 aeroplanes
TCDS Number : EASA.A.096	
Foreign AD : Not applicable	
Supersedure : None	
ATA 27	Flight Controls – Aileron Trim- and Rudder Spring Tab Fittings – Replacement
Manufacturer(s):	Dornier Luftfahrt GmbH; Fairchild-Dornier GmbH; AvCraft Aerospace GmbH
Applicability:	Model 328-100 aeroplanes, all serial numbers (s/n), if Part Number (P/N) 001B576A2101000 (LH) and P/N 001B576A2101003 (RH) aileron trim tab fittings are installed and/or a P/N 001A554A1711000 rudder spring tab is installed. Model 328-300 aeroplanes, all s/n, if P/N 001B576A2101000 (LH) and P/N 001B576A2101003 (RH) aileron trim tab fittings are installed.
Reason:	During maintenance on a 328-100 aeroplane, a crack was found on a trim tab fitting assembly. The cause of the cracking was identified as stress corrosion. This condition, if not corrected, could lead to in-flight failure of the tab fitting, possibly resulting in loss of control of the aeroplane. To address this unsafe condition, the TC holder has developed new aileron trim tab fittings and rudder spring tab fitting, using a material that is more resistant to stress corrosion. The improved material rudder spring tab fittings were introduced on the production line for the Model 328-300 and for 328-100 aeroplanes with a s/n higher than 3098. For the reasons described above, this AD requires the inspection and replacement of the aileron trim tab fittings and the rudder spring tab fitting.
Effective Date:	31 December 2009

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within the next 6 months after the effective date of this AD, replace the aileron trim tab fittings P/N 001B576A2101000 (LH) and P/N 001B576A2101003 (RH) with P/N 001B576A2101004 (LH) and P/N 001B576A2101007 (RH) respectively, and replace the rudder spring tab fitting P/N 001A554A1711000 with a P/N 001A554A1711006 in accordance with the accomplishment instructions of 328 Support Services GmbH Service Bulletin SB-328-27-488 or SB-328J-27-237, as applicable to aeroplane model. (2) After 30 June 2010, do not install P/N 001B576A2101000 (LH) or P/N 001B576A2101003 (RH) aileron trim tab fittings or P/N 001A554A1711000 rudder spring tab fitting on any aeroplane.
Ref. Publications:	328 Support Services GmbH SB-328-27-488 dated 25 August 2009. 328 Support Services GmbH SB-328J-27-237 dated 25 August 2009. The use of later approved revisions of these documents 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 14 October 2009 as PAD 09-125 for consultation until 11 November. The Comment Response Document 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 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.