


EASA	AIRWORTHINESS DIRECTIVE
	AD No : 2008-0009 Date: 11 January 2008
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.	
Type Approval Holder's Name: 328 Support Services GmbH	Type/Model designation(s): 328-100 series aircraft
TCDS Number: EASA A.096	
Foreign AD: Not applicable	
Supersedure: None	
ATA 32	Landing Gear – Main Landing Gear (MLG) Bushings – Modification
Manufacturer(s):	AvCraft Aerospace GmbH; Fairchild-Dornier GmbH; Dornier Luftfahrt GmbH
Applicability:	328-100 aircraft, all serial numbers.
Reason:	<p>During overhaul on a Dornier 328-100 landing gear unit, parts of the MLG main body and trailing arm bushings have been found corroded. Investigation showed that over time, these bushings can migrate, creating the risk of corrosion in adjacent areas. Such corrosion, if not detected, could cause damage to the MLG, possibly resulting in MLG functional problems or failure.</p> <p>Based on these findings, the existing mandatory retrofit limitation (as required by Airworthiness Limitations Document under Section E "Mandatory Retrofit Items" since 16 September 1998) for the MLG bushings at 15 000 FC has been amended with "...or 6 calendar years time-in-service (TIS), whichever occurs first".</p> <p>For the reasons described above, this Airworthiness Directive requires the implementation of the revised mandatory retrofit limitation and modification of MLG bushings that have exceeded the new limit.</p>
Effective Date:	25 January 2008
Compliance:	Required as indicated, unless previously accomplished:

	<p>(1) Before the affected MLG unit accumulates 15 000 Flight Cycles (FC) or 6 calendar years time-in-service (TIS), whichever occurs first after the effective date of this AD, modify the MLG main body and trailing arm bushings in accordance with the instructions of 328 Support Services GmbH Dornier 328 Service Bulletin (SB) SB-328-32-245 Revision 2 dated 21 November 2007, and Messier-Dowty SB 800-32-014 dated 18 January 1999;</p> <p>Note: Previous accomplishment of this modification in accordance with SB-328-32-245 at original issue or at Revision 1 constitutes compliance with the requirements of paragraph (1) of this AD.</p> <p>(2) New MLG bushings that have previously been installed as replacement parts do not need to be modified until the MLG accumulates 15 000 FC or 6 years TIS after that replacement;</p> <p>(3) Not later than 31 December 2008, modify the MLG bushings installed on MLG units that, on the effective date of this AD, have already exceeded 15 000 FC or 6 years TIS, in accordance with the instructions of 328 Support Services GmbH Dornier 328 SB-328-32-245 Revision 2 dated 21 November 2007, and Messier-Dowty SB 800-32-014 dated 18 January 1999;</p> <p>(4) Within 1 calendar month after the effective date of this AD, amend the aircraft maintenance programme to include the revised modification limit for MLG bushings in accordance with 328 Support Services Temporary Revision (TR) ALD-084 dated 7 November 2005;</p> <p>(5) After 31 December 2008 or after accomplishment of the modification as required by paragraph (1) or (3), as applicable, whichever occurs first, no person shall install a spare MLG unit as a replacement part on any aircraft unless this has been modified in accordance with the instructions of Messier-Dowty SB 800-32-014 dated 18 January 1999.</p>
Ref. Publications:	<p>328 Support Services GmbH Dornier 328 Service Bulletin (SB) SB-328-32-245 Revision 2 dated 21 November 2007; and</p> <p>Messier-Dowty SB 800-32-014 dated 18 January 1999.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. This AD was posted on 30 November 2007 as PAD 07-219 for consultation until 28 December 2007. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the AD Focal Point – Certification Directorate, EASA, E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact: 328 Support Services GmbH Global Support Center, 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