


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2013-0244</p> <p>Date: 04 October 2013</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 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>		
<p>Design Approval Holder's Name: RUAG AEROSPACE SERVICES GmbH</p>	<p>Type/Model designation(s): DORNIER 228 aeroplanes</p>	
<p>TCDS Number:</p>	<p>EASA.A.359</p>	
<p>Foreign AD:</p>	<p>Not applicable</p>	
<p>Supersedure:</p>	<p>This AD supersedes Luftfahrt-Bundesamt (LBA) Germany AD D-2005-438 (EASA approval 2005-6430) dated 14 December 2005.</p>	
<p>ATA 05</p>	<p>Time Limits / Maintenance Checks – Maintenance Requirements – Implementation</p>	
<p>Manufacturer(s):</p>	<p>RUAG Aerospace Services GmbH; formerly Dornier Luftfahrt GmbH, Fairchild Dornier GmbH.</p>	
<p>Applicability:</p>	<p>DORNIER 228-100, 228-101, 228-200, 228-201, 228-202 and 228-212 aeroplanes, all serial numbers.</p>	
<p>Reason:</p>	<p>RUAG Aerospace Services GmbH issued Time Limits / Maintenance Checks Manual (TLMCM) TM-TLMCM-090305-ALL, Revision 5 dated 20 March 2011 respectively TM-TLMCM-228-00002-150610, Revision 1 dated 03 March 2011, listing component life limits and describing maintenance instructions for the Dornier 228 type design. The Document TM-TLMCM-228-00002-150610 is valid for airplane SN 8300 and up and other airplane SN modified according to CN-228-247. The instructions contained in that manual have been identified as mandatory actions for continued airworthiness.</p> <p>In 2005, chafed wiring was found on 5VE Panel due to lost adhesive of the TY-RAP holder and subsequent vibration of the cable harness.</p> <p>To address this potential unsafe condition, RUAG issued All Operators Telefax (AOT) No. AOT-228-24-028 and Temporary Revision (TR) 05-05 of the TLMCM introducing repetitive inspections of the cockpit overhead panels 5VE and 6VE and, depending on findings, corrective action(s). Subsequently, LBA issued AD D-2005-438 (EASA approval 2005-6430) to require those actions.</p> <p>Since that AD was issued, the instructions of TR 05-05 have been incorporated into TM-TLMCM-090305-ALL, Revision 5 dated 20 March 2011 respectively into TM-TLMCM-228-00002-150610, Revision 1 dated 03 March 2011.</p> <p>For the reasons described above, this AD retains the requirements of EASA AD</p>	

	D-2005-438, which is superseded, and requires the implementation of the life limits and maintenance actions as specified in the TLMCM (TM-TLMCM-090305-ALL respectively TM-TLMCM-228-00002-150610) for zone 321 overhead panels 5VE/6VE.
Effective Date:	18 October 2013
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) After the effective date of this AD, accomplish the following actions, as specified for zone 321 overhead panels 5VE/6VE in RUAG Aerospace Services GmbH TLMCM-090305-ALL or TLMCM-228-00002-150610, (hereafter referred to as 'the TLMCM') as applicable to the affected aeroplane model:</p> <p>(1.1) Replace each component before or upon reaching the applicable life limit, and</p> <p>(1.2) Within the thresholds and intervals, accomplish all applicable maintenance tasks.</p> <p>Note: The method(s) how to accomplish the actions as required by paragraph (1) of this AD can be found in RUAG Dornier 228 Aircraft Maintenance Manual (AMM) AMM-228-00014-080184.</p> <p>(2) In case of finding discrepancies (as defined in the AMM) during accomplishment of any task as required by paragraph (1) of this AD, within the applicable compliance time specified in the TLMCM, accomplish the applicable maintenance procedures for corrective actions in accordance with the approved maintenance documentation. If no compliance time is identified in the TLMCM, accomplish the applicable corrective actions before next flight. If a detected discrepancy is not identified in the AMM, before next flight, contact RUAG Aerospace Services GmbH for approved instructions and accomplish those instructions accordingly.</p> <p>(3) Compliance with the requirements of paragraphs (1) and (2) of this AD can be demonstrated by:</p> <p>(3.1) Revising as follows the approved aircraft maintenance programme and standard practices on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane:</p> <p style="padding-left: 40px;">Incorporate the limitations, tasks and associated thresholds and intervals described in the TLMCM,</p> <p style="padding-left: 40px;">and</p> <p>(3.2) Complying with the approved aircraft maintenance programme described in paragraph (3.1) of this AD.</p>
Ref. Publications:	<p>RUAG Dornier 228 TLMCM-090305-ALL, Revision 5 dated 20 March 2011.</p> <p>RUAG Dornier 228 TLMCM-228-00002-150610, Revision 1 dated 03 March 2011.</p> <p>RUAG AMM-228-00014-080184, Revision 3 dated 30 October 2012.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<p>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</p> <p>2. This AD was posted on 30 July 2013 as PAD 13-111 for consultation until 27 August 2013. The Comment Response Document can be found at http://ad.easa.europa.eu.</p>

	<ol style="list-style-type: none">3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu.4. For any question concerning the technical content of the requirements in this AD, please contact: RUAG Aerospace Services GmbH, Dornier 228 Customer Support, P.O. Box 1253, 82231 Wessling, Germany, E-mail: custsupport.dornier228@ruag.com.
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