


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	PAD No.: 13-068R1 Date: 13 August 2013 Note: This Proposed Airworthiness Directive (PAD) 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.	
	In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
Design Approval Holder's Name: RUAG Aerospace Services GmbH		Type/Model designation(s): DORNIER 228 aeroplanes
TCDS Number: EASA.A.359		
Foreign AD: Not applicable		
Supersedure: None		
ATA 32	Landing Gear – Main Landing Gear Axle – Inspection	
Manufacturer(s):	RUAG Aerospace Services GmbH; formerly Dornier Luftfahrt GmbH, Fairchild Dornier GmbH.	
Applicability:	Dornier 228-212 aeroplanes, all serial numbers.	
Reason:	<p>An event of a main landing gear (MLG) axle break during touchdown has been reported. The results of the subsequent technical investigation indicated that improper restoration of corrosion protection was the likely cause of the initial fatigue cracking.</p> <p>This condition, if not detected and corrected, could lead to failure of the main landing gear axle, possibly resulting in a runway excursion with consequent damage to the aeroplane and injury to the occupants.</p> <p>To address this potential unsafe condition, RUAG Aerospace Services GmbH issued Service Bulletin (SB) SB-228-300, Rev.1. The original issue of the PAD inadvertently omitted the time compliance introduced by the Rev.1 of the SB. Consequently, the PAD has been revised accordingly and re-published for additional consultation.</p> <p>For the reason described above, this AD requires a one-time inspection of the MLG axle and, depending on findings, accomplishment of applicable corrective actions.</p>	
Effective Date:	[TBD: 14 days after final AD issue date]	

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the compliance time defined in Table 1 of this AD, or within 6 months whichever occurs first after the effective date of this AD, inspect the MLG axle in accordance with the instructions of RUAG SB-228-300, Rev.1.</p> <p style="text-align: center;">Table 1</p> <table border="1" data-bbox="557 403 1380 705"> <tr> <th data-bbox="557 403 1018 539">Flight cycles (FC) accumulated by the MLG since new or since overhaul, on the effective date of the AD</th><th data-bbox="1018 403 1380 539">Compliance Time</th></tr> <tr> <td data-bbox="557 539 1018 618">Equal to or more than 6 000 FC or TSN more than 10 years</td><td data-bbox="1018 539 1380 618">Within 400 FC after the effective date of this AD</td></tr> <tr> <td data-bbox="557 618 1018 705">Less than 6 000 FC or TSN between 5 – 10 years</td><td data-bbox="1018 618 1380 705">Before exceeding 6 400 FC</td></tr> </table> <p>(2) If, during the inspection as required by paragraph (1) of this AD, discrepancies are found outside the limits described in RUAG SB-228-300, Rev.1, before next flight, accomplish the applicable corrective actions in accordance with the instructions of RUAG SB-228-300, Rev.1.</p>	Flight cycles (FC) accumulated by the MLG since new or since overhaul, on the effective date of the AD	Compliance Time	Equal to or more than 6 000 FC or TSN more than 10 years	Within 400 FC after the effective date of this AD	Less than 6 000 FC or TSN between 5 – 10 years	Before exceeding 6 400 FC
Flight cycles (FC) accumulated by the MLG since new or since overhaul, on the effective date of the AD	Compliance Time						
Equal to or more than 6 000 FC or TSN more than 10 years	Within 400 FC after the effective date of this AD						
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Ref. Publications:	<p>RUAG Aerospace Services GmbH SB-228-300, Rev.1 dated 25 April 2013.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>						
Remarks:	<ol style="list-style-type: none"> 1. This Proposed AD will be closed for consultation on 27 August 2013. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: RUAG Aerospace Services GmbH, Dornier 228 Customer Support, P.O. Box 1253, 82231 Wessling, GERMANY Telephone: + 49 (0) 8153-302280; Facsimile: + 49 (0) 8153-303030 						