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| EASA | NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE |
|  | <p>PAD No.: 13-109</p> <p>Date: 29 July 2013</p> <p>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.</p> |
| <p>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.</p> | |
| <p>Design Approval Holder's Name: BAE SYSTEMS (OPERATIONS) LTD</p> | <p>Type/Model designation(s): Jetstream Series 3100 and 3200 aeroplanes</p> |
| TCDS Number: | EASA.A.191 |
| Foreign AD: | Not applicable |
| Supersedure: | None |
| ATA 32 | Landing Gear – Main Landing Gear – Modification |
| Manufacturer(s): | British Aerospace PLC, British Aerospace (Commercial Aircraft) Ltd, British Aerospace Regional Aircraft Ltd, Jetstream Aircraft Ltd and British Aerospace (Operations) Ltd. |
| Applicability: | Jetstream Series 3100 and 3200 aeroplanes, all models, all serial numbers. |
| Reason: | <p>An occurrence of the Jetstream 3100 main landing gear (MLG) failure after landing was reported. The subsequent investigation revealed stress corrosion cracking of the MLG yoke pintle housing as a root cause of the MLG failure. Degradation of the surface protection by abrasion can occur when the forward face of the yoke pintle rotates against the pintle bearing, which introduces corrosion pits and, consequently, stress corrosion cracking.</p> <p>This condition, if not corrected, could lead to structural failure of the MLG possibly resulting in loss of control of the aeroplane during take-off or landing runs.</p> <p>To address this potential unsafe condition, BAE Systems (Operations) Ltd issued Service Bulletin (SB) 32-JM7862 to provide instruction for installation of a protective washer fitted at the forward spigot on both, left hand (LH) and right hand (RH), MLG.</p> <p>For the reasons described above, this AD requires the installation of a washer to protect the MLG at the forward face of the yoke pintle.</p> |
| Effective Date: | [TBD: 14 days after final AD issue date] |

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| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within the compliance time, as specified in the paragraph 1.N of the BAE Systems (Operations) Ltd SB 32-JM7862, modify the LH and RH MLG installation at the forward spigot in accordance with the accomplishment instruction of the BAE Systems (Operations) Ltd SB 32-JM7862 revision 1. (2) Modification of an MLG before the effective date of this AD in accordance with BAE Systems (Operations) Ltd SB 32-JM7862 at initial issue is acceptable to comply with requirements of paragraph (1) of this AD. (3) From the effective date of this AD, installation of a replacement LH or RH MLG on an aeroplane is allowed only if it is in compliance with the requirements of paragraph (1) or (2) of this AD. |
| Ref. Publications: | <p>BAE Systems (Operations) SB 32-JM7862 original issue, dated 08 April 2013 or revision 1, dated 07 May 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 26 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: BAE Systems (Operations) Ltd, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; Telephone +44 1292 675207, Facsimile +44 1292 675704; E-mail: RApublications@baesystems.com. |