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| <b>EASA</b>  | <b>AIRWORTHINESS DIRECTIVE</b>   |
|   | <p><b>AD No.: 2010-0069</b></p> <p><b>Date: 14 April 2010</b></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 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].</p> |  |
| <p><b>Type Approval Holder's Name :</b></p> <p>SAAB AB, Saab Aerosystems</p>   | <p><b>Type/Model designation(s) :</b></p> <p>2000 aeroplanes</p>   |
| <p>TCDS Number : EASA.A.069</p>  |  |
| <p>Foreign AD : Not applicable</p>   |  |
| <p>Supersedure : None</p>  |  |
| <p><b>ATA 32</b></p>   |  |
| <p><b>Landing Gear – Main Landing Gear (MLG) Shock Strut Actuator Mounting Bracket Attachment Bolts – Inspection</b></p>   |  |
| <p>Manufacturer(s): SAAB AB, Saab Aerosystems (formerly Saab Aircraft AB).</p>   |  |
| <p>Applicability: Model 2000, all serial numbers</p>   |  |
| <p>Reason:</p>   | <p>A report has been received of an incident where one of the two bolts attaching the actuator mounting bracket to the MLG Shock Strut was found loose, leading to failure of the other attachment bolt, subsequently resulting in failure of the bracket.</p> <p>This condition, if not detected and corrected, could prevent the MLG to extend to the full down-and-locked position, possibly resulting in MLG collapse upon landing or during roll-out, with consequent damage to the aeroplane and injury to the occupants.</p> <p>To correct this potentially unsafe condition, SAAB has published Service Bulletin (SB) 2000-32-073, describing an inspection of the attachment bolts to detect any loose bolts, follow-up corrective action(s), depending on findings, and the installation of the correct number of washers.</p> <p>For the reasons described above, this EASA AD requires the accomplishment of the actions described in SAAB SB 2000-32-073.</p> |
| <p>Effective Date:</p>   | <p>28 April 2010</p>   |

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| <p>Required Action(s)<br/>and Compliance<br/>Time(s):</p> | <p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 12 months after the effective date of this AD, inspect the MLG shock strut actuator mounting bracket attachment bolts and washers in accordance with the instructions of SAAB SB 2000-32-073.</li> <li>(2) If discrepancies are detected as a result of the inspection as required by paragraph (1) of this AD, before next flight, accomplish the relevant corrective actions in accordance with the instructions of SAAB SB 2000-32-073.</li> <li>(3) Within 12 months after the effective date of this AD, unless already accomplished as required by paragraph (2) of this AD, install the correct number of washers at each bolt position in accordance with the instructions of SAAB SB 2000-32-073.</li> </ol>   |
| <p>Ref. Publications:</p>                                 | <p>SAAB SB 2000-32-073 original issue dated 26 June 2009, or Revision 01 dated 20 October 2009.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>  |
| <p>Remarks :</p>  | <ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 04 March 2010 as PAD 10-023 for consultation until 01 April 2010. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact:<br/>Saab AB, Saab Aerosystems, Bröderna Ugglas gata,<br/>SE-581 88 Linköping, Sweden<br/>Telephone: +46 13 185591, Fax: +46 13 184874<br/>E-mail: <a href="mailto:technical.support@sat.saabgroup.com">technical.support@sat.saabgroup.com</a></li> </ol> |