


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2011-0003</b></p> <p><b>Date: 17 January 2011</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, Aeronautics</p>	<p><b>Type/Model designation(s) :</b></p> <p>SF340A and 340B aeroplanes</p>
<p>TCDS Number : EASA.A.068</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 32</b>	<b>Landing Gear – Main Landing Gear Separation Bolt Harness – Replacement</b>
Manufacturer(s):	SAAB AB, Aeronautics (formerly Saab Aircraft AB).
Applicability:	SF340A and 340B aeroplanes, all serial numbers.
Reason:	<p>In 2003, a number of reports had been received concerning broken wires and corroded connectors in the SAAB 340 main landing gear (MLG) emergency release system. The investigation results showed that these were due to improper repairs and installations, not conforming to the approved type design.</p> <p>This condition, if not corrected, could inhibit the functioning of the separation bolt, preventing proper release of the MLG during an emergency situation, possibly resulting in damage to aeroplane during landing and injury to the occupants.</p> <p>To address that unsafe condition, Swedish AD (SAD) 1-186 was issued to require an inspection and, depending on findings, corrective action, in accordance with SAAB Service Bulletin (SB) 340-32-127.</p> <p>Subsequently, Saab introduced a modification to ensure correct functioning of the MLG emergency release system. Accomplishment of that modification (SAAB SB 340-32-128) was made mandatory by SAD 1-189.</p> <p>Since that AD was issued, service experience has shown that this modification does not fully meet the expected results.</p> <p>Prompted by these findings, SAAB has developed an improved separation</p>

	<p>bolt harness with a new routing.</p> <p>For the reasons described above, this AD requires replacement of the current separation bolt harness Part Number (P/N) 7292520-678 with the improved unit, P/N 7292520-691.</p>
Effective Date:	31 January 2011
Required Action(s) and Compliance Time(s):	<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, replace the separation bolt harness P/N 7292520-678 with a separation bolt harness P/N 7292520-691, in accordance with the instructions of SAAB SB 340-32-139.</li> <li>(2) After modification of an aeroplane as required by paragraph (1) of this AD, do not install a separation bolt harness P/N 7292520-678 on that aeroplane.</li> </ol>
Ref. Publications:	<p>SAAB SB 340-32-139 dated 12 January 2010, or Revision 01 dated 01 November 2010.</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"> <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 17 November 2010 as PAD 10-116 for consultation until 15 December 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:  Saab AB, Aeronautics, Bröderna Ugglas gata,  SE-581 88 Linköping, Sweden  Telephone: +46 13 185591, Fax: +46 13 184874  E-mail: <a href="mailto:saab340.techsupport@saabgroup.com">saab340.techsupport@saabgroup.com</a>.</li> </ol>