


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2010-0011-E</b></p> <p><b>Date: 25 January 2010</b></p> <p>Note: This Emergency 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>Scheibe Aircraft GmbH</p>	<p><b>Type/Model designation(s) :</b></p> <p>SF 25 Powered Sailplanes</p>
<p>TCDS Number : EASA.A.098</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 55, 57</b>	<b>Stabilizers/Wings - Connecting Fittings/Aileron Hinge – Inspection/Replacement</b>
<p>Manufacturer(s):</p>	<p>Scheibe Aircraft GmbH</p>
<p>Applicability:</p>	<p>Model SF 25 C powered sailplanes, serial numbers from 44365 up to 44450 inclusive except S/Ns 44371, 44373 and 44376.</p> <p>Model SF 25 E powered sailplane, S/N 4363</p>
<p>Reason:</p>	<p>The <b>aileron hinges</b> and the <b>stabilizer</b> are fastened with steel tube rivets and brass tube rivets.</p> <p>During a complete overhaul, broken brass tube rivets have been detected. It has been determined that, due to production quality issue, the upset heads of the brass tube rivets could break under normal load conditions.</p> <p>This condition, if not corrected, could possibly lead to loss of control of the powered sailplane.</p> <p>For the reason described above, this AD requires an inspection of the affected tube rivets and, if necessary, their replacement.</p>

Effective Date:	27 January 2010
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously, in accordance with Scheibe Aircraft GmbH Service Bulletin No. 653-64 dated 10 November 2009:</p> <p>(1) Within 2 days after the effective date of this AD:</p> <ul style="list-style-type: none"> <li>- Remove the paint of the tube-rivet heads at the aileron-hinges at wing rib No.16 (in the area located at the lower side of the wing) and disconnect the aileron from the wings,</li> <li>and</li> <li>- Disconnect the elevator from the stabilizer and inspect the tube rivets heads at the stabilizer to fuselage fittings.</li> </ul> <p>(2) If the aileron hinges and the stabilizer to fuselage fittings are connected to the ribs and the spar with steel tube rivets, no further actions are required by this AD.</p> <p>(3) If the aileron hinges or the stabilizer to fuselage fittings are mounted with "brass-tube-rivets 8x0,75mm", before next flight replace with screws in accordance with Scheibe Aircraft GmbH Work Instruction No. 653-64.</p> <p>Note: Actions required by paragraphs (1) and (2) of this AD may also be accomplished by a Part-66 qualified person in accordance with M.A. 801 (b)2.</p>
Ref. Publications:	<p>Scheibe Aircraft GmbH Service Bulletin No. 653-64, dated 10 November 2009. Scheibe Aircraft GmbH Work Instruction No. 653-64, dated 10 November 2009.</p> <p>The use of later approved revisions of these documents 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. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</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 questions concerning the technical content of the requirements in this AD, please contact:</li> </ol> <p>Scheibe Aircraft GmbH  Am Flugplatz 5  73540 Heubach  GERMANY  Tel.: +49 (0) 7173 184286  Fax: +49 (0) 7173 185587</p>