


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No: 2008-0053-E</b></p> <p><b>Date: 05 March 2008</b></p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
<b>Type Approval Holder's Name :</b> STEMME GmbH & Co. KG		<b>Type/Model designation(s):</b> S10-VT
TCDS Number: A.054		
Foreign AD : Not applicable		
Supersedure: This directive supersedes AD 2007-0315-E issued on 21 December 2007		
<b>ATA 28</b>	<b>Fuel - Fuel Connectors and Single-ear Clamps - Inspection / Replacement</b>	
Manufacturers:	STEMME GmbH & Co. KG, STEMME AG.	
Applicability:	Powered-sailplanes S10-VT model, from Serial Number (S/N) 11-001 up to S/N 11-112 inclusive.	
Reason:	<p>AD 2007-0315-E was issued to address a possible fuel leakage in the gear compartment in front of the engine and mandated inspections and replacement of fuel plastic-made connectors by connectors made of metal. Since its publication, another fuel leakage has been reported on a S10-VT which had implemented the STEMME Service Bulletin (SB) A31-10-082 as required by AD 2007-0315-E.</p> <p>It has been determined that the fuel leak may have been caused by the deformation that the originally installed clamps created on the fuel hoses and thus preventing the new clamps from being sufficiently pinched to perform a correct tightening.</p> <p>The present Airworthiness Directive (AD) supersedes AD 2007-0315-E and requires you to check the fuel system according to the STEMME SB A31-10-083 as well as to replace single-ear clamps and plastic connectors.</p> <p>The actions specified by this AD are intended to reduce the potential for a fire to ignite and which could lead to loss of control of the sailplane.</p>	
Effective Date:	07 March 2008	

Compliance:	<p>Required as indicated, unless previously accomplished.</p> <p><u>FOR SAILPLANES ALREADY MODIFIED PER SB A31-10-082</u></p> <p>(1) Prior to next flight after the effective date of this AD, check the fuel system for possible leakage as instructed in action 1.2 of paragraph (§) 5. of STEMME SB A31-10-083.</p> <p>If any leak is found, before further flight repair in accordance with an approved repair procedure and replace the single-ear clamps STEMME Part Number (P/N) M476 by new clamps P/N 10M-181 as instructed in action 3.2 of § 5. of STEMME SB A31-10-083.</p> <p>(2) During the next scheduled maintenance inspection or within 12 months after the effective date of this AD, whichever occurs first, replace the single-ear clamps STEMME Part Number (P/N) M476 by new clamps P/N 10M-181 as instructed in action 3.2 of § 5. of STEMME SB A31-10-083.</p> <p><u>FOR SAILPLANES NOT ALREADY MODIFIED PER SB A31-10-082</u></p> <p>(3) Before the first flight of each day after the effective date of this AD and until the replacement required in § (4) of this AD is done, inspect all plastic-made connectors in the area of the fuel pumps and the connection point of the pressure lines to the fuel shut-off valve (behind the rear bulkhead of the front fuselage) for possible leakage as instructed in action 1.1 of § 5. of STEMME SB A31-10-083.</p> <p>If any leak is found, before further flight repair in accordance with an approved repair procedure and replace the single-ear clamps STEMME Part Number (P/N) M476 by new clamps P/N 10M-181 as instructed in action 3.2 of § 5. of STEMME SB A31-10-083.</p> <p>(4) During the next scheduled maintenance inspection but no later than 31 March 2008, replace all plastic “T” and “Y” shape connectors in the fuel system with metal connectors as instructed in action 3.1 of § 5. of STEMME SB A31-10-083. This replacement terminates the repetitive inspections required in paragraph (3) of this AD.</p> <p>(5) During the next scheduled maintenance inspection or within 12 months after the effective date of this AD, whichever occurs first, replace the single-ear clamps STEMME Part Number (P/N) M476 by new clamps P/N 10M-181 as instructed in action 3.2 of § 5. of STEMME SB A31-10-083.</p> <p>FOR ALL SAILPLANES</p> <p>(6) After the effective date of this AD, no person shall install on any STEMME S10-VT sailplane, plastic “T” and “Y” shape connectors in the fuel system and single-ear clamps STEMME Part Number (P/N) M476.</p>
Ref. Publications:	<p>STEMME Service Bulletin No. A31-10-083 Amendment-Index 01.a</p> <p>The use of later approved revisions of this document is acceptable to comply with the requirements of this AD.</p>

Remarks:	<ol style="list-style-type: none"><li>1. If requested and appropriately substantiated, EASA can accept 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 addressed to the AD Focal Point, 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: STEMME GmbH &amp; Co. KG <p style="text-align: center;">Flugplatzstraße F 2, Nr. 7 - 15344 Strausberg Federal Republic of Germany Phone: + 49-33-41-3612-0 Fax: + 49-33- 41-3612-30 E-Mail: <a href="mailto:P.Ellwanger@stemme.de">P.Ellwanger@stemme.de</a></p></li></ol>
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