


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2006 – 0311-E [Corrected]</p> <p>Date: 11 October 2006</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.		
Type Approval Holder's Name :		Type/Model designation(s) :
STEMME GmbH & Co. KG		STEMME S 10
TCDS Number: EASA A.054		
Foreign AD : Not applicable		
Supersedure : Not applicable		
ATA 71	<p>Power Plant – EVANS NPG+ Cooling Liquid – Replacement & Airplane Flight Manual & Cylinder Head Temperature Gauge – Temperature Operating Range – Amendment/Limitation</p>	
Manufacturer(s):		
STEMME AG, STEMME GmbH & Co. KG		
Applicability:		
S10-VT: 11-001 through 11-104, if EVANS NPG+ cooling liquid is used.		
Reason:		
<p>During certification works it was found that the cooling liquid EVANS NPG+ is flammable. The liquid cooling circuit of the Stemme S10-VT is not designed to be filled with a flammable liquid without prior modifications. For that reason, this Emergency AD requires the replacement of the EVANS NPG+ cooling liquid. In addition, the operation limit of the cylinder head temperature must be temporary changed to 120°C / 248°F.</p> <p>[Correction: to avoid possible inconsistencies with Austrocontrol AD No. A-2004-004R2 (EASA approval No. 2005-6413), reference to the Rotax SB-914-029 R1 is removed from this AD.]</p>		
Effective Date:		
12 October 2006		
Compliance:		
Before the next flight from the effective date of this AD:		

	<ol style="list-style-type: none"> 1. Replace the EVANS NPG+ cooling liquid in accordance with instructions of Stemme Service Bulletin (SB) No. A31-10-076 Amendment-Index 01.a; and 2. Amend the Airplane Flight Manual to include the temporary operation limit of the cylinder head temperature to 120°C / 248°F. This may be accomplished by inserting a copy of this EAD into the AFM, affecting pages 2-3, 2-6 and 4-12; and 3. Apply two red lines on the Cylinder Head Temperature Gauge for the L/H and R/H cylinder head temperature at 120°C / 248°F.
Ref. Publications:	Stemme SB No. A31-10-076 Amendment-Index 01.a dated 09.10.2006 or later approved revisions.
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directives Focal Point – Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any questions concerning the technical content of the requirements in this AD, please contact: STEMME GmbH & Co. KG, Flugplatzstraße F 2, Nr. 7, D-15344 Strausberg, Germany; Phone: + 49.33 41 / 36 12 - 0 ; Fax: + 49.33 41 / 36 12 – 30 E-Mail: P.Ellwanger@stemme.de