EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	EAD No.: 2006–0373R1-E **[Corrected: 05 January 2007]** **Date: 15 December 2006**

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-V and S 10-VT Powered Sailplanes

TCDS Number : EASA A.054
Note: For the affected propellers, LBA Germany issued Datenblatt Nrs. 32.100/2, 32.100/3 and 32.100/4.

Foreign AD : Not applicable.

Revision/Supersedure : This revision supersedes and cancels the original EASA EAD 2006-0373-E.

ATA 61	**Propeller – Blade Follower 10AP-VM – Replacement**
Manufacturer(s):	STEMME AG
Applicability:	Model 10AP-F Propellers, serial number (s/n) 40001 through 40010; Model 10AP-V Propellers, s/n 10661 and 20001 through 20051 (except 20038 and 20043); and Model 11AP-V Propellers, s/n 30001 through 30111 (except 30059 and 30027). These propellers have been designed for, and are only allowed to be installed on, Stemme S 10-V and S 10-VT powered sailplanes.
Reason:	Service experience showed that the connection screw of the propeller blade follower type 10AP-VM may break and the main part of the blade follower can be lost in flight. This condition, if not corrected, could lead to high vibration during powered flight and consequently result in decreased control of the aircraft. Stemme has developed a new blade follower, Model 10AP-VP, which is reinforced on the shaft and has an Allen head screw installed instead of a slotted screw. For the reason stated above, this Emergency Airworthiness Directive (EAD) requires the replacement of the blade follower type 10AP-VM with the new type 10AP-VP. This EAD has been revised to correct the TCDS reference and the applicability statement. No separate TC was issued for the affected propellers. These propellers are part of the aircraft type design. Paragraph (4) of the 'Compliance' section of this EAD has been corrected.
Effective Date:	18 December 2006

Compliance:	Required as indicated, unless accomplished previously: (1) Before next flight after the effective date of this directive, amend the Aircraft Flight Manual (AFM) to include the following warning: **Attention – If Propeller Blade Follower main part is lost in flight:** a) reduce the power setting, the vibration will be decreased. b) a safety landing on the next airfield must be performed. This may be accomplished by inserting a copy of this EAD into the AFM. (2) Within the next 25 engine operating hours after the effective date of this directive, but not later than 31 March 2007, replace blade follower type 10AP-VM with the new type 10AP-VP in accordance with the instructions contained in Stemme Service Bulletin A31-10-078. (3) After replacement of the blade follower as required by paragraph (2) of this directive, the warning may be removed from the AFM. (4) After 31 March 2007, no person may install a propeller type 10AP-F, 10AP-V or 11AP-V on any aircraft, unless that propeller has the new type 10AP-VP blade follower installed in accordance with the instructions contained in Stemme Service Bulletin A31-10-078.
Ref. Publications:	Stemme Service Bulletin No. A31-10-078 Amendment-Index 01.a dated 06.11.2006.
Remarks :	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 Emergency Airworthiness Directive should be referred to the 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; telephone: + 49-33-41-3612-0; Fax: + 49-33- 41-3612-30; E-Mail: P.Ellwanger@stemme.de.