


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	AD No.: 2013-0273-E	
	Date: 15 November 2013 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.	
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].		
Design Approval Holder's Name: Hoffmann Propeller GmbH & Co.KG	Type/Model designation(s): HO-V352F propellers	
TCDS Number:	LBA 32.130/088	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 61	Propellers – Locknuts – Identification / Replacement	
Manufacturer(s):	Hoffmann Propeller GmbH & Co. KG	
Applicability:	Model HO-V352F propeller, all serial numbers. These propellers are known to be installed on, but not limited to, the following aeroplanes: Aquila AT01, Aircraft Philipp (formerly Alpa-Werke; Nitsche) AVO 68 series Samburo, Cessna 150 and A150 series and (Reims) F150 and FA150 series; Diamond (formerly HOAC) H 36 Dimona, HK 36 series Super Dimona, DV 20 Katana and DA20-A1 Katana; Diamond (Canada) DA40, S.C. Constructii Aeronautice S.A. IAR 46 and IS-28, Scheibe SF 25C; Tecnam P 92-J, P 92-JS, P2002-JR, P2002-JS and P2006T.	
Reason:	Hoffmann Propellers observed locknuts for the propeller installation on which the stop did not work as intended. The affected parts were from a specific batch no. 10720816 of National Aerospace Standard 1291 (type NAS1291-8). The results of the technical investigations concluded that those affected nuts were installed on a limited number of propeller serial number (S/N). The locknuts are part of the propeller installation kit on the engine. This condition, if not detected and corrected, could lead to unexpected propeller vibrations and possible detaching of the propeller from the engine structure, eventually resulting in damage to the aeroplane and/or injury to persons on the ground. For the reason describe above, this AD requires replacement of all affected locknuts with serviceable parts. This AD also provides conditions for the	

	installation of an affected locknut on a propeller.
Effective Date:	19 November 2013
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) For propellers having S/Ns: H079, H190, H251, H298, H336, H420, H448, H476, H489, H657, H675, H825, H907, H967, H981, H1035, H1075, H1099, H1103 and H1165, within 5 flight hours after the effective date of this AD, replace each locknut with a serviceable part in accordance with the instructions of Hoffman Propeller GmbH Service Bulletin (SB) 61-00-03 E 29.</p> <p>Note: For the purpose of this AD, a serviceable part represents a locknut for which the resistance of each replacement stop-nut during installation must have a running torque of minimum of 2 Newton-meter (Nm). The installation has to be done in accordance with the instructions of the Hoffmann Propeller Operation and Maintenance Manual E540.</p> <p>(2) From the effective date of this AD, installation on a propeller of a locknut type NAS1291-8 is allowed provided it is a serviceable part as defined in the Note of this AD.</p>
Ref. Publications:	<p>Hoffmann Propeller SB 61-00-03 E 29 Initial Issue dated 08 November 2013. Operation and Maintenance Manual E540 dated Oct. 2002.</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Hoffmann Propeller GmbH & Co. KG, Sales and Service; K�pferlingstra�e 9, 83022 Rosenheim, Germany, Tel.: +49 (0) 8031-1878-0, Fax: +49 (0) 8031-1878-78, Email: info@hoffmann-prop.com.