PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

Číslo: 2009-0059

Datum účinnosti: 25. března 2009

AVIA PROPELLER Ltd
V410, V500A, V503, V503A, V503AP, V503P, V506, V520

Tento PZZ je vydáván pro výrobek transferovaný pod působnost EASA.

Na základě rozhodnutí EASA je následující Příkaz k zachování letové způsobilosti závazný pro všechny výrobky provozované v EU na které se daný PZZ vztahuje.

Provedení PZZ, který se vztahuje podle typu a výrobního čísla na výrobek je pro provozovatele/vlastníka letadla zapsaného do leteckého rejstříku závazné. Neprovedením PZZ ve stanoveném termínu dojde ke ztrátě letové způsobilosti výrobku.

Poznámky:
- Provedení tohoto PZZ musí být zapsáno do provozní dokumentace letadla.
- Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická.
- Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla.

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2009-0059 **Date: 11 March 2009** Note: This 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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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].

Type Approval Holder's Name :	**Type/Model designation(s) :**
Avia Propeller Ltd	V410, V500A, V503, V503A, V503AP, V503P, V506 and V520 propellers

TCDS Numbers:	Czech Republic No.783/58, 73-03, 64002, 69-02, 98-08, 6661/61 and 66-01.
Foreign AD :	Not applicable
Supersedure :	None

ATA 61	**Propeller - Repetitive Inspections of the Propeller Blades**
Manufacturer(s):	Avia Propeller Ltd
Applicability:	Model V410, V500A, V503, V503A, V503AP, V503P, V506 and V520 propellers which have been manufactured before 6 November 2002. These propellers are known to be installed on, but not limited to, the following aircraft: Zlin Z-42M, Z-42MU, Z-142, Z-43, Z-50M, Let Kunovice Ae 45, Ae-145, Z-37, Z-37A, L-200A, L-200D, Orličan L-40.
Reason:	After a serious incident when an aircraft experienced on ground the disintegration of a blade of its V500A propeller, analyses have been made. The analyses proved that the cause of disintegration was a fatigue crack which initiated because of an impact on the blade surface and the following-up inter-crystalline corrosion which developed with time. This kind of damage, if not detected and assessed in due time, can lead to crack propagation and possibly to disintegration of the propeller blade, resulting in damage to the aircraft and injuries to occupants or persons on the ground. For the reason stated above, this new AD requires initial and repetitive inspections of the propeller blades as introduced by Avia Propeller Ltd Service Bulletin No.6 issue E.
Effective Date:	25 March 2009

Required Action(s) and Compliance Time(s):	Required as indicated unless previously accomplished: (1) Before further flight after the effective date of this AD, unless already accomplished within the last 10 Flight Hours (FH) or 6 months, whichever occurs first, before the effective date of this AD, do a visual inspection of the propeller blades in accordance with the accomplishment instructions of paragraph 2. of Avia Propeller Ltd Service Bulletin (SB) No.6 issue E. If any crack is found on the propeller blade, before further flight, replace the propeller with a serviceable one. (2) Inspections done, before the effective date of this AD, in accordance with the accomplishment instructions of Avia Propeller SB No.6 issue D satisfy the inspection requirements of paragraph (1) of this AD. (3) Thereafter at intervals not to exceed 10 FH or 6 Months from the last inspection, whichever occurs first, and until accomplishment of the propeller overhaul as defined in paragraph 8 of Avia Propeller Ltd Service Bulletin (SB) No.1 issue G, repeat the visual inspection of the propeller blades in accordance with the accomplishment instructions of paragraph 2. of Avia Propeller SB No.6 issue E. (4) Accomplishment of a propeller overhaul within the compliance schedule as defined in paragraph 8 of Avia Propeller Ltd Service Bulletin (SB) No.1 issue G, before the effective date of this AD, satisfies the inspection requirements of paragraph (1) of this AD and terminates the repetitive inspections required in paragraph (3) of this AD.
Ref. Publications:	Avia Propeller Service Bulletins No.1 issue G and No.6 issue D and issue E. The use of the later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 06 February 2009 as PAD 09-031 for consultation until 06 March 2009.No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, 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: Avia Propeller, Ltd., Beranových 65/666, 199 00 Praha – Letňany, Czech Republic Phone: +420 296 336 550 Fax: +420 296 336 533 E-mail: zbynek.tvrdik@aviapropeller.cz