
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Kallvalsning av propellerns bladskaff

GÄLLER: Propellrar enligt "Applicability" i bifogad kopia av FAA AD 2001-07-03

ÅTGÄRD: Enligt FAA AD 2001-07-03

TID FÖR ÅTGÄRD: Inom 10 flygtimmar räknat från den 30 juni 2001

UNDERLAG: FAA AD 2001-07-03
Tillämplig Hartzell Propeller Inc. Overhaul Manual

REFERENS: FAA AD 2001-07-03

BESLUTSDATUM: 11 maj 2001

LFS 2001:66

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.
Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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U.S. Department
of Transportation
**Federal Aviation
Administration**

AIRWORTHINESS DIRECTIVE

Aircraft Certification Service
Washington, DC

We post ADs on the internet at "av-info.faa.gov"

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

2001-07-03 Hartzell Propeller Inc.: Amendment 39-12168. Docket No. 99-NE-21-AD:

Applicability

This AD is applicable to all Hartzell Propeller Inc. Y-shank series propellers and those identified by hub serial numbers (SN's) in Table 1 of this airworthiness directive (AD). The Y-shank series propellers has the letter Y in the model number which can be denoted in general as ()HC-()()Y()-().

Table 1 Hub Serial Numbers

121, 251, 715, 1111, 1387, 1661, 2383, 2479, 2883, 3059, 3343, 3479, 3717, 3890, 3990, 4690, and 5523
AM911
AN1309, AN2773, AN2826, AN2828, and AN3883
AU42, AU696, AU814, AU992, AU1226, AU1290, AU1416, AU2641, AU2643, AU2658, AU2699, AU2847, AU7186E, AU8364A, AU8418A and AU12997
BP344, BP715, BP1276, BP1772, BP2121, BP3811, BP3763, BP3978, BP5674, BP6126, BP6194, BP7141, BP7297, BP7513, BP8199, BP8708, and BP9586
CH6190 & CH19251
CJ52, CJ54, CJ419, and CJ649
DA1404 and DA1418
DG101
DJ4431, DJ4449, DJ9521A, DJ10407A, DJ11249A, DJ11880A, and DJ11881A
DN3775
DV11 and DV12
FH307
P560

Note 1: This AD applies to each propeller identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For propellers that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (c) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Note 2: This AD is limited to propellers returned to service from November 1996 to October 1998 by Brothers Aero Service Company, Inc. (BASCO), Air Agency Certificate Number B4TR903J, revoked by Amended Order of Revocation, dated May 12, 1999.

Compliance

Compliance with this AD is required as indicated, unless accomplished previously.

To prevent propeller failure of the propellers returned to service by BASCO, and possible loss of airplane control, accomplish the following:

Required Actions

- (a) Within 10 hours time-in-service after the effective date of this AD, accomplish the following:
 - (1) Disassemble,
 - (2) Clean,
 - (3) Inspect for the following:
 - (i) Nicks,
 - (ii) Scratches,
 - (iii) Failure of blades to meet minimum dimensions,
 - (iv) Alodine or paint or both applied over corrosion,
 - (v) Lack of chemical conversion coating applied beneath the de-ice boots,
 - (vi) Bolts incorrectly torqued,
 - (vii) Incorrect parts,
 - (viii) Incorrect installation of parts, and
 - (ix) Reinstallation of parts intended for one-time use.
 - (4) Repair and replace with serviceable parts, as necessary,
 - (5) Perform a cold roll operation on the blade shanks,
 - (6) Reassemble and test.

Note 3: Information on performing an overhaul of the affected propellers may be found in the applicable Hartzell Propeller Inc. Overhaul Manual.

Note 4: For a current list of propeller overhaul facilities approved to perform the blade shank cold rolling procedure contact Hartzell Product Support, telephone: (937) 778-4379. Not all propeller repair facilities have the equipment to properly perform a cold roll of the blade shanks.

Alternative Methods of Compliance

(c) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Chicago Aircraft Certification Office. Operators shall submit their request through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Chicago Aircraft Certification Office.

Note 5: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Chicago Aircraft Certification Office.

Special Flight Permits

(d) Special flight permits may be issued in accordance with §§ 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

Effective Date of this AD

(e) This amendment becomes effective on June 4, 2001.

FOR FURTHER INFORMATION CONTACT: Tomaso DiPaolo, Aerospace Engineer, Chicago Aircraft Certification Office, FAA, Small Airplane Directorate, 2300 East Devon Avenue, Des Plaines, IL 60018; telephone (847) 294-7031, fax (847) 294-7834.

Issued in Burlington, Massachusetts, on March 27, 2001.

Diane S. Romanosky, Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.