

94-10-01

Amendment 39-8908.

Docket 94- ANE-05.

Applicability: Hartzell Propeller Inc. Model HC-E4A-3A/E10950() propellers, except propellers with serial numbers HJ199 and greater, installed on but not limited to Beech Model 1900D aircraft.

Compliance: Required as indicated, unless accomplished previously.

To prevent severe propeller vibration in flight and possible loss of propeller pitch control, accomplish the following:

- (a) Install new propeller blade pitch change knob twelve point flange head attachment bolts to replace the countersunk screws currently used, new preload plates, and new propeller blade pitch change knob brackets, in accordance with Hartzell Propeller Inc. Alert Service Bulletin (ASB) No. A190, dated January 17, 1994, as follows:
 - (1) For propellers with 800 or more hours time in service (TIS) since new on the effective date of this airworthiness directive (AD), or 800 or more hours TIS since the new pitch change knob screws were last installed in accordance with Hartzell Propeller Inc. ASB No. A184, dated July 19, 1993, or Hartzell Propeller Inc. ASB No. A184(A), dated December 2, 1993, install within 50 hours TIS after the effective date of this AD.
 - (2) For propellers with less than 800 hours TIS since new on the effective date of this AD, or less than 800 hours TIS since the new pitch change knob screws were last installed in accordance with Hartzell Propeller Inc. ASB No. 184, dated July 19, 1993, or Hartzell Propeller Inc. ASB No. A184(A), dated December 2, 1993, install prior to exceeding the later of:
 - i) 850 hours TIS since new; or
 - ii) 850 hours TIS since the new pitch change knob screws were last installed in accordance with Hartzell Propeller Inc. ASB No. 184, dated July 19, 1993, or Hartzell Propeller Inc. ASB No. A184(A), dated December 2, 1993;
- (b) 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. The request should be forwarded through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Chicago Aircraft Certification Office.

NOTE: 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.

- (c) Special flight permits may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the aircraft to a location where the requirements of this AD can be accomplished.
- (d) The installation shall be done in accordance with the following service document:

Document No.	Pages	Date
Hartzell Propeller Inc. ASB No. A190	1-3	January 17, 1994

Total pages: 3.

This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Hartzell Propeller Inc., One Propeller Place, Piqua, OH 45356-2634; telephone (513) 778-4200, fax (513) 778-4391. Copies may be inspected at the FAA, New England Region, Office of the Assistant Chief Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

- (e) This amendment becomes effective on June 22, 1994.