

70-05-06

Amendment 39-954.

Applies to Hartzell T10176() and T10176H() type blades installed on Hartzell HC-B3TN-5C series propellers used on AiResearch TPE331-() type engines.

Compliance required as indicated, unless already accomplished.

- a. Propellers with 700 or more total hours in service, inspect in accordance with paragraphs (c) and (d) within the next 50 hours after the effective date of this AD, and reinspect in accordance with paragraph (c) every 1500 hours in service from the last inspection.
- b. Propellers with less than 700 total hours in service inspect in accordance with paragraphs (c) and (d) prior to the accumulation of 750 hours in service and reinspect in accordance with paragraph (c) every 1500 hours in service from the last inspection.
- c. Remove the blades from the propeller and the smaller needle bearing from the bottom of the blade pilot tube hole. In accordance with Hartzell Bulletin No. 95 dated 7 January 1970, or FAA approved equivalent procedure, clean and inspect the inner surface of the pilot tube hole for cracks by dye penetrant method and visually inspect for scratches, gouges or tool marks in the area of minimum wall thickness. Replace before further flight any cracked blade or blade having scratches, gouges, or tool marks in the critical radius with a blade which has been inspected in accordance with this AD and found satisfactory.
- d. Inspect the blade for minimum wall thickness in the shank area in accordance with Hartzell Bulletin No. 95 dated 7 January 1970. Replace before further flight any blade having a wall thickness less than that noted in Bulletin No. 95 with a blade inspected in accordance with this AD and found satisfactory.
- e. Upon submission of substantiating data through an FAA Maintenance Inspector, the Chief, Engineering and Manufacturing Branch, FAA Eastern Region may adjust repetitive inspection intervals specified in this AD.

(Hartzell Bulletin No. 95 dated 7 January 1970 and Manual 118A cover this subject.)

This amendment is effective March 11, 1970.