COMMONWEALTH OF AUSTRALIA CIVIL AVIATION SAFETY AUTHORITY SCHEDULE OF AIRWORTHINESS DIRECTIVES

Propellers - Variable Pitch - Beechcraft

AD/PB/4 Wooden Propeller Blades - Inspection 9/76

Applicability:

All Beech Aircraft Corporation B200, R201, R202, R203 and 214 series propellers having Beech Aircraft Corporation manufactured B200, R201, R203, 214 or 272 series wooden blades installed.

Requirement:

- A. Within the next 100 hours time in service or one year, which- ever comes first, after 31 October 1976, and thereafter at intervals not to exceed 300 hours time in service or five years, whichever comes first, from the last inspection, visually inspect the blades as follows:
 - 1. Carefully remove the plastic coating to expose the shank of the blade for a minimum distance of 4-1/2" outboard of the ferrule.
 - 2. Using a 10-power glass, visually inspect the blade surface for cracks and separation as shown on the reproduction of a deteriorated blade in Figure 1.
 - 3. If no deterioration is found, reinstall the plastic film over the exposed area in accordance with Univair Process (P-200) or an equivalent procedure.
 - 4. If the blade shows any sign of deterioration, remove it from service and replace it with a serviceable blade before further flight.
- B. Within 100 hours time in service or one year, whichever comes first, after 31 October 1976 and thereafter at intervals not exceeding 100 hours, visually inspect the blade leading edge and tips as follows:
 - 1. Using a 10-power magnifying glass examine the tipping area for cracks in the plastic coating coming from under the tipping.
 - 2. Check for looseness of the tip and leading edge sheathing by holding the blade securely and gripping the sheathing by hand and attempting to flex the tipping while visually observing for relative motion between the piece to which force is applied and adjacent sheathing and blade.
 - 3. If any of the above conditions are noted, replace the blade with a serviceable blade before further flight.

or FAA AD 76-10-12.

Compliance: In accordance with the requirement.

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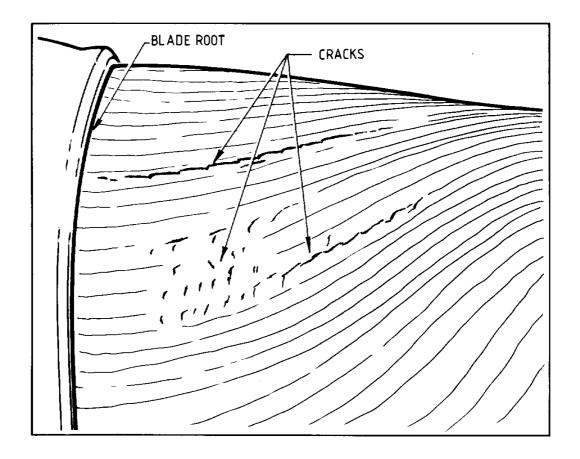


Figure 1.