

SENSENICH PROPELLER MANUFACTURING
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66-23-02 SENSENICH
Amdt. 39-289 Part 39 Federal Register September 22, 1966

- Applies to All Fixed-Pitch Metal Propeller Models with Water-Soluble Mid-Blade Decals.
- Compliance required within the next 20 hours time in service after the effective date of this AD, unless already accomplished.
- **To prevent further mid-blade propeller failures resulting from corrosion pits that initiate fatigue cracks under the water-soluble mid-blade decal, accomplish the following:**
 - A. Soak water-soluble mid-blade decals ([Sensenich Propeller Bulletin No. R-12](#) describes decals) with paint remover and rub off with a rag. (Scraping or sanding of decals may inadvertently obscure evidence of possible corrosion.)
 - B. Apply dye penetrant to the mid-blade area and inspect for corrosion and cracks with a gloss of at least three power.
 - C. Remove corrosive pits 0.015 inch deep or less by sanding with a 220 grit wet or dry abrasive paper and polishing with a paper of 320 grit or finer.
 - D. Clean area thoroughly and reinspect in accordance with (B) to insure that the removal of all corrosive pits has been accomplished. Clean and spray repaired area with a clear lacquer.
 - E. Replace before further flight any propeller having corrosive pits 0.015 inch deep or greater, or having cracks with a propeller of the same model number that has been inspected and repaired as necessary in accordance with this AD.

(Sensenich Propeller Bulletins Nos. [R-11](#), dated March 1, 1966;
[R-12](#) dated February 6, 1967, pertain to this subject.)

This supersedes AD 66-11-03.

This directive becomes effective October 1, 1966.

Revised May 16, 1967