

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 glass 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 August 1, 1966, and R-12A 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.