



United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

**SA00727WI**

Date of Issuance: December 16, 1998  
Date Reissued: September 22, 2005

*Limitations and Conditions* (continued):

The original crankshaft counterweight configurations for these engines must be maintained.

The Operating Restrictions Placards should state: "Avoid Continuous Operation between the following RPM and manifold pressures at the stated diameters":

| <u>Propeller Model</u> | <u>Diameter Range (inches)</u> | <u>RPM</u>   | <u>Inches MP</u> |
|------------------------|--------------------------------|--------------|------------------|
| C401/90DFA -2          | 88 to 86                       | 1900 to 2100 | 25 and above     |
| C401/90DFA -4          | 86 to 84                       | 1900 to 2100 | 26 and above     |
| C401/90DFA -10         | 80                             | 2050 to 2250 | 27 and above     |

"Continuous operations between the 1950 RPM and 2150 RPM at 25 inches manifold pressure and above is prohibited" on C401/90DFA propellers with 84 to 82 inch diameters on 300 HP engines.

The airplanes may be further modified by separate approval (including the applicable engines which are required) for the installation of conventional (tailwheel) landing gear or floats. These modifications will require separate approval. The following propeller diameters apply to the landing gear configurations identified:

Tricycle (nosewheel) propeller diameter 80" – 82" maximum  
Conventional (tailwheel) propeller diameter 80" – 88" maximum  
Floats propeller diameter 84" – 88" maximum

Compatibility of this design change with previously approved modifications must be determined by the installer.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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