

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA00393WI

This certificate issued to:

Air Plains Services Corporation
Wellington Airport
P. O. Box 541
Wellington, KS 67152

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product - Type Certificate Number : A4CE
Make : Cessna
Model : 206, U206, U206A thru G, P206, P206A thru E, TP206A thru TP206E, TU206A thru TU206G

Description of Type Design Change:

(1) Installation of McCauley D3A34C401/90DFA -2, -4, -6, -8, and -10 propeller and associated changes in accordance with C S Industries Installation Instructions No. 206-1, Rev. - , dated March 12, 1996, or later "FAA Approved" revisions. (2) A copy of this certificate is also required.

Limitations and Conditions:

For the Models listed above, the installation of McCauley D3A34C401/90DFA-() propeller is limited to not over 88 inches and not under 84 inches diameter for float planes and not over 84 inches and not under 78 inches diameter for land planes. Placard is required to indicate the operating restrictions for continuous operation.

(see continuation sheet 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : November 27, 1995

Date reissued : September 22, 2005

Date of issuance : March 13, 1996

Date amended :

By direction of the Administrator

Original signed by Dan Withers



(Signature)

Dan Withers
Program Manager
Wichita Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number SA00393WI

Date of Issuance: March 13, 1996

Date Reissued: September 22, 2005

Limitations and Conditions (continued):

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

For use with IO-520-A, IO-520-F, IO-520-L, and IO-550-F Engines:

<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	26 and above
C401/90DFA -4	86 to 84	1900 to 2100	26 and above
C401/90DFA -6	84 to 78	No Placard required.	

For use with TSIO-520-C and TSIO-520-M Engines:

C401/90DFA -2	88 to 86	1900 to 2150	26 and above
C401/90DFA -4	86 to 84	1900 to 2150	26 and above
C401/90DFA -6	84 to 78	1900 to 2150	30 and above

or later "FAA Approved" revision of any of these documents.

The approved propeller D3A34C401/90DFA should not be used on aircraft with extended hub propellers, such as D3A32C77, D3A32C88, E2A34C70 and E2A34C73.

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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