United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA00428WI

This certificate issued to **P. Ponk Aviation**
1212 Moore Road #2
Camano Island, WA 98282-8820

certifies that the change in the type design for the following product with the limitations and conditions therefor 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 the Type Design Change:

Installation of McMauley D3A34C402/90DFA -2, -4, -6, -8, & -10, propellers and associated changes in accordance with CS Industries, Installation Instructions No. 206-2, Rev-, dated July 29, 1999, or later "FAA Approved" revisions. A copy of this certificate is required and takes precedence over the Installation Instructions with respect to approved propeller diameters.

Limitations and Conditions:

For models listed above, the installation of McCauley D3A34C402/90DFA-( ) propeller is limited to the following:

(1) Land or Float planes with IO-520-A, IO-520-F or IO-520-L are limited to propellers not over 82 inch and not under 78.5 inch diameter range with no operating restriction placard required.

(2) Land or Float planes with approved TCM IO-550-F installation on Models U206, U206A thru G, and TU206A thru G are limited to propellers not over 84 inch and not under 78.5 inch diameter range with no operating restriction placard required.

(See continuation sheet)

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: March 28, 1996

Date of issuance: April 19, 1996

Date reissued: September 22, 2005, November 1, 2011

Date amended: May 25, 2000

By direction of the Administrator

(Signature)

For Acting Manager, Seattle Aircraft Certification Office

(Title)

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

FAA Form 8110-2(10-68)

This certificate may be transferred in accordance with FAR 21.47

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number SA00428WI

P. Ponk Aviation
Issued: April 19, 1996
Reissued: November 1, 2011
Amended: May 25, 2000

Limitations and Conditions continued:

3. Land or Float planes with TSIO-520-C or TSIO-520-M installations on Models U206, U206A thru G, and TU206A thru G are limited to propellers not over 82 inch and not under 78.5 inch diameter range with operating restrictions as stated below. A placard is required to indicate the operating restriction for continuous operation. The operating restriction should state:

   "Avoid Continuous Operation between the following RPM and manifold pressures at the stated diameters:"

Propeller Model	Diameter Range (inches)	RPM	Inches MP
C402/90DFA -8	82 to 80.5	1900 to 2150	30" and above
C402/90DFA -10	80 to 78.5	1900 to 2150	30" and above

4. Float planes only with an approved TCM IO-550-F installation on Models U206, U206A thru G, and TU206A thru G are limited to propellers not over 88 inch and not under 84.5 inch diameter range with operating restrictions as stated below. A placard is required to indicate the operating restriction for continuous operation. The operating restriction should state:

   "Avoid Continuous Operation between the following RPM and manifold pressures at the stated diameters:"

Propeller Model	Diameter Range (inches)	RPM	Inches MP
C402/90DFA -2	88 to 86.5	1900 to 2100	26" and above
C402/90DFA -4	86 to 84.5	1900 to 2100	26" and above

A red arc is required on the tachometer from 1900 to 2150 RPM for TSIO -520-C and TSIO-520-M installations and from 1900 to 2100 RPM for TCM IO-550-F installations utilizing a propeller diameter from 88 to 84.5 inches.

The approved propeller D3A34C402/90DFA-( ) should only 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.

- END -

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

This certificate may be transferred in accordance with FAR 21.47.