

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

*Number*    **SA00344WI**

*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 therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product - Type Certificate Number :*    3A24  
*Make :*    Cessna  
*Model :*    A185E, A185F

*Description of Type Design Change:*

Installation of McCauley D3A34C401/90DFA -2, -4, -6, -8 and -10 propeller with Teledyne Continental Motors IO-550-D and associated changes in accordance with C S Industries Installation Instructions No. 185A, Rev. B, dated April 10, 1995, or later "FAA Approved" revisions. Airplane Flight Manual Supplement dated July 20, 1995 for Airplane Serial Number 185-0968 and on, or later "FAA Approved" revisions is also required.

*Limitations and Conditions:*

For models listed above, the installation of McCauley D3A34C401/90DFA-( ) propeller is limited to not over 88 inches and not under 80 inches diameter for land, float, and amphibian planes. Placard is required to indicate the operating restrictions for continuous operation.

(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 :*    April 10, 1995

*Date reissued :*    September 22, 2005

*Date of issuance :*    July 20, 1995

*Date amended :*    March 14, 1996

*By direction of the Administrator*



Original signed by Dan Withers

(Signature)

Dan Withers  
Program Manager

**Wichita Aircraft Certification Office**

(Title)

*Number*

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

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Date of Issuance: July 20, 1995  
Date Amended: March 14, 1996  
Date Reissued: September 22, 2005

*Limitations and Conditions* (continued):

The Operation Restricting Placard 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	26" and above
C401/90DFA -4	86 to 84	1900 to 2100	26" and above
C401/90DFA -6, -8, -10	84 to 80		No Placard required.

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

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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