

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

*Number* SA02677CH-D

*This certificate issued to*

Hartzell Propeller Inc.  
One Propeller Place  
Piqua, OH 45356-2634

*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 23 of the Federal Aviation Regulations.*  
(See Type Certificate Data Sheet A25SO for the complete certification basis).

*Original Product—Type Certificate Number:*

A25SO

*Make:* Piper Aircraft, Inc.  
*Model:* PA-46-350P, PA-46R-350T

*Description of Type Design Change:*

Installation of Hartzell HC-I3YR-1N/N7605(K)+2 or HC-I3Y1R-1N/N7605(K)+2 propellers in accordance with Installation Instructions INST\_080808\_FAC or INST\_080808\_98FLD or INST\_080808\_97FLD dated August 8, 2008 or later FAA approved revisions. See individual installation instructions for aircraft model and serial number applicability.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Airplane Flight Manual Supplement, AFMS\_080808\_350P98, dated August 8, 2008, or later FAA approved revision is required for PA-46-350P aircraft, serial number 4636132 and up.

(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:* August 8, 2008

*Date reissued:*

*Date of issuance:* March 13, 2009

*Date amended:*

*By direction of the Administrator*



STC SA02677CH-D  
Date of issuance:  
March 13, 2009

\_\_\_\_\_  
(Signature)  
Brian E. Meyer  
DAS administrator  
Hartzell DAS-100082-CE

\_\_\_\_\_  
(Title)

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(Continuation Sheet)

Limitation and Conditions continued...

3. FAA Approved Airplane Flight Manual Supplement, AFMS\_080808\_350P97, dated August 8, 2008, or later FAA approved revision is required for PA-46-350P aircraft, serial number 4622001 through 4622200 and 4636001 through 4636131.
4. FAA Approved Airplane Flight Manual Supplement, AFMS\_080808\_350T, dated August 8, 2008, or later FAA approved revision is required for PA-46R-350T aircraft.
5. 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.
6. ICA\_080808\_97 and ICA\_080808\_98, dated August 8, 2008 or later FAA accepted revision is applicable to this STC. See ICA documents for aircraft model and serial number applicability.

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