

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

Number SA02874CH-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 3 of the Civil Air Regulations. (See Aircraft Specification 1A10 for the complete certification basis).

Original Product—Type Certificate Number: 1A10
Make: Piper Aircraft, Inc
Model: PA-23-250, PA-E23-250

Description of Type Design Change:

Installation of Hartzell HC-E2YR-2BTF/FC7693F(B)+1 propellers in accordance with installation instructions INST_020110 dated February 1, 2010 , or later FAA-approved revisions. See installation instructions INST_020110 for specific engine and serial number eligibility.

Limitations and Conditions:

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

(Continued....)

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 3, 2010

Date reissued :

Date of issuance : December 14, 2010

Date amended :

By direction of the Administrator



STC SA02874CH-D
Date of issuance:
December 14, 2010

(Signature)
Brian E. Meyer
STC ODA administrator
Hartzell ODA-100082-CE

(Title)

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(Continuation Sheet)

Limitation and Conditions continued...

2. FAA Approved Airplane Flight Manual Supplement AFMS 020110 dated February 1, 2010 , or later FAA approved revision is required.
3. Propellers must be installed as a set.
4. Instructions for Continued Airworthiness ICA_020110 are applicable.
5. This modification did not increase the noise level and was not considered an acoustical change as defined in 14 CFR 21.93(b).
6. 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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