

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

*Number* SA02641CH

*This certificate issued to* Hartzell Engine Technologies LLC  
2900 Selma Highway  
Montgomery, Alabama 36108

*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 Type Certificate Data Sheet No. A8EA for complete certification basis.)

*Original Product--Type Certificate Number:* A8EA  
*Make:* Piper Aircraft  
*Model:* PA-31T, PA-31T1

*Description of Type Design Change:*

Installation of C&D Associates Combustion Heater Kit 30 (P/N CD11003K30), in accordance with C&D Associates Installation Instructions IN11003K30, dated September 3, 2008.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Flight Manual Supplement dated October 15, 2008, or later approved revision is required as part of this installation.
3. Full compliance with the C&D Combustion Heater Airworthiness Limitations, MM10001 Maintenance Manual, First Edition, Rev. none, dated January 1, 2008, or later FAA approved revision, is required.
4. 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.

*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:* September 3, 2008

*Date reissued:* February 11, 2016

*Date of issuance:* October 22, 2008

*Date amended:*

*By direction of the Administrator*



(Signature)

Timothy P. Smyth  
Manager,  
Chicago 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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**TRANSFER ENDORSEMENT**

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to (Name of transferee) \_\_\_\_\_

(Address of transferee) \_\_\_\_\_

\_\_\_\_\_

from (Name of grantor) (Print or type) \_\_\_\_\_

(Address of grantor) \_\_\_\_\_

\_\_\_\_\_

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor (In ink): \_\_\_\_\_