

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

Number SA01566CH

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 Aircraft Specification No. 1A10 for complete certification basis.

Original Product--Type Certificate Number: 1A10

Make: Piper

Model: PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250

Description of Type Design Change:

1. Installation of C&D Associates Combustion Heater Kit 1 P/N CD11005K1, on PA-23, PA-23-160, PA-23-235 in accordance with C&D Associates heater Installation Instructions IN11005K1, Rev. -, dated March 15, 2001 or later FAA approved revision.
2. Installation of C&D Associates Combustion Heater Kit 2A(c) P/N CD11005K2 (C) for carbureted engine, on PA-23-250, PA-E23-250 in accordance with C&D Associates heater Installation Instructions IN11005K2, Rev. -, dated March 15, 2001 or later FAA approved revision.
3. Installation of C&D Associates Combustion Heater Kit 2A(f) P/N CD11005K2 (F) for fuel injected engine, on PA-23-250, PA-E23-250 in accordance with C&D Associates heater Installation Instructions IN11005K2, Rev. -, dated March 15, 2001 or later FAA approved revision.
4. Installation of C&D Associates Combustion Heater Kit 2B P/N CD11006K2, on PA-23-250, PA-E23-250 in accordance with C&D Associates heater Installation Instructions IN11006K2, Rev. -, dated March 15, 2001 or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. Check aircraft Weight and Balance.
3. FAA approved flight manual supplement Rev. no change, dated 8/30/2004, is required.
4. Full compliance with the C&D Combustion Heater Airworthiness Limitations, revision B, dated January 1, 2000, or later FAA approved revision, is required.
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.

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 15, 2001

Date of issuance: November 5, 2001

Date reissued: March 4, 2004; November 1, 2004
February 11, 2016

Date amended: September 7, 2004

By direction of the Administrator



(Signature)

Timothy 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.

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): _____