

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

*Number* SA02487CH

*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. A-782 for complete certification basis.

*Original Product--Type Certificate Number:* A-782  
*Make:* Navion  
*Model:* Navion, Navion A, Navion B, Navion D, Navion E, Navion F,  
Navion G, Navion H.

*Description of Type Design Change:*

Installation of C&D Associates Combustion Heater Kit 23 (P/N CD12008K23R or CD12016K23R) or Kit 27 (P/N CD12017K27L or CD12018K27L), in accordance with C&D Associates heater Installation Instructions IN12016K23 or IN12018K27, Rev. -, dated August 16, 2007 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. Full compliance with the C&D Combustion Heater Airworthiness Limitations, MM10000 Maintenance Manual, Second Edition, Rev A, dated April 4, 2002, 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 11, 2007

*Date reissued:* February 11, 2016

*Date of issuance:* January 23, 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): \_\_\_\_\_