

United States of America  
Department of Transportation -- Federal Aviation  
Administration

# Supplemental Type Certificate

Number SA02528CH-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 Type Certificate Data Sheet 3A24 for the complete certification basis).*

*Original Product-Type Certificate Number:* 3A24  
*Make:* Cessna Aircraft Company  
*Model:* A185E, A185F

*Description of Type Design Change:*

Installation of the Hartzell propeller model HC-C3YF-1RF/F8468A-2R, or HC-C3YF-1RF/F8468AR, or PHC-C3YF-1RF/F8468A-2R, or PHC-C3YF-1RF/F8468AR and Hartzell C-3575-(P) spinner in accordance with Hartzell STC Installation Instructions INST\_071707 dated July 17, 2007, or later FAA Approved revisions.

*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 :* July 17, 2007

*Date reissued :*

*Date of issuance :* June 18, 2008

*Date amended :*

*By direction of the Administrator*



*B. E. Meyer*  
\_\_\_\_\_  
(Signature)

Brian E. Meyer  
DAS administrator  
Hartzell DAS-100082-CE

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

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 1 year, or both.*

United States of America  
Department of Transportation - Federal Aviation  
Administration

Supplemental Type  
Certificate  
(Continuation Sheet)

STC SA02528CH-D  
Date of issuance: June 18, 2008

Limitations and Conditions continued...

2. Airplane Flight Manual Supplement AFMS\_071707 is required.
3. Instructions for Continued Airworthiness ICA\_071707 are applicable.
4. Limited to Teledyne Continental IO-520-D engines with the maximum engine RPM limited to 2700 RPM.
5. Approved for landplane, ski-plane, floatplane and amphibious-float-equipped aircraft. This STC is compatible with EDO model 582-3430 floats in accordance with STC SA832EA. Other float models listed for Cessna A185E and A185F aircraft on aircraft type certificate 3A24 are also compatible with this STC.
6. This modification did not increase the noise level and was not considered an acoustical change as defined in 14 CFR 21.93(b).
7. 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.

...END...