

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

# Supplemental Type Certificate

Number SA02476CH-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 23 of the Federal Aviation Regulations.  
(See Type Certificate Data Sheet A47CE for the complete certification basis).*

*Original Product--Type Certificate Number:* A47CE  
*Make:* Diamond Aircraft Industries GmbH  
*Model:* DA 40

*Description of Type Design Change:*

Installation of a Hartzell HC-C2YR-1BFP/F7497 propeller or Hartzell HC-C2YR-1N/N7605 propeller in accordance with Installation Instructions INST\_102706 dated October 27, 2006, or later FAA Approved revisions.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Airplane Flight Manual Supplement, AFMS\_102706, dated October 27, 2006, or later FAA approved revision is required.

(See continuation sheet 3 of 3)

*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 :* April 17, 2007

*Date reissued :*

*Date of issuance :* October 31, 2007

*Date amended :*

*By direction of the Administrator*



*B. E. Meyer*

(Signature)

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

(Title)

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Supplemental Type  
Certificate  
(Continuation Sheet)

STC SA02476CH-D  
Date of issuance: October 31, 2007

Limitation and Conditions continued...

3. The following spinner is approved: Hartzell A-2295(P).
4. The following governors are approved: Hartzell model S-1-6 and Woodward/Ontic governor model C210776 (C210776 is already approved on the aircraft TC A47CE).
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.
6. This STC is compatible with FAA STC SA03281AT (Power Flow exhaust system and early cowling).
7. This STC is compatible with STC SA02292NY (Power Flow exhaust system and later cowling).
8. This STC is compatible with FAA STC SA01254WI (Garmin G1000 integrated avionics system).
9. This STC is compatible with the original MAM-066 WCC Exhaust Manifold (exhaust system) originally type-certificated by Diamond.
10. This STC is compatible with a 2646 pound (1200 kg) maximum takeoff weight.
11. ICA\_102706, dated October 27, 2006 or later FAA accepted revision is applicable to this STC.

...END...