



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA1791GL

This certificate issued to: Hartzell Propeller Inc
One Propeller Place
Piqua, Ohio 45356

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part CAR3 of the Federal Aviation Regulations.

Original Product – Type Certificate Number:
A3SO

Make: Piper Aircraft, Inc.
Model: PA-32-300, PA-32R-300, PA-32RT-300

Description of Type Design Change:

Installation of Hartzell propeller model HC-C3YR-1()F/F7663R in accordance with Hartzell STC Installation Instruction INST_032315 dated March 23, 2015 or later FAA approved revisions. Airplane Flight Manual Supplement AFMS_032315 dated March 23, 2015 or later FAA approved revision is required. Instructions for Continued Airworthiness ICA_032315 are applicable.

Limitations and Conditions:

1. The installer must determine whether this change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

(See Continuation Sheet 3 of 3 pages)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 12/30/1991

Date reissued:

Date of issuance: 9/4/1992

Date amended: 11/2/15

By direction of the Administrator

Signature Brian E Meyer

Title Brian E. Meyer
STC ODA administrator
Hartzell ODA-100082-CE

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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Supplemental Type Certificate

(Continuation Sheet)

Number: SA1791GL

Hartzell Propeller Inc
Date of amendment November 2, 2015

Limitations and Conditions continued:

3. Revised Type Certificate Data Sheet information:

Propeller and Propeller Limits:

Hartzell constant speed model HC-C3YR-1(R)F/F7663R

Diameter: Maximum 78 in.
Minimum 76 in.

Pitch setting at 30-inch radius: Low: 12.4 +/- 0.1 degrees
High: 32.0 +/- 1.0 degrees

Spinners:

Hartzell assembly 835-47() or 103629()

4. The original aircraft certification basis was used for this STC, except for the inclusion of 23.1529 Amendment 23-26 Instructions for Continued Airworthiness. This modification did not increase the noise level and was not considered an acoustical change as defined in 14 CFR 21.93(b).

END

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).
