

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

Number SE40WE

This certificate issued to RAYJAY Parts LLC
10 Harbor Island Drive
Key Largo, Florida 33037

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 13 of the Civil Air Regulations.

Original Product -- Type Certificate Number E-295
Make : Lycoming
Model : O-540-A1A, A1A5, A1B5, A1C5, A1D5, A3D5, B1A5, B1B5, D1A5, E4A5, E4B5, E4C5

Description of Type Design Change: Installation of two Roto-Master Turbochargers Model No. 3DT5FF1012, P/N 600572-00 (formerly Rayjay Model No. 315F10 P/N RJ0080-100, -101, or -102) on engine models listed above in accordance with FAA sealed Roto-Master (formerly Rajay) Drawing No. RJ0899, dated September 27, 1967, and Revision "C", dated April 15, 1983, or later FAA-approved revision. (Turbocharger/Engine compatibility only).

Limitations and Conditions: See attached Supplemental Type Certificate SE40WE Addendum which is a part of this Certificate, for the applicable operating limitations

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 17, 1967

Date of issuance : December 8, 1967

Date reissued : Jan. 14, 1968; Feb. 10, 1982;
Nov. 23, 1987; Sept. 22, 1995;
Dec. 19, 2003; June 26, 2006

Date amended : July 30, 1968; July 15, 1983



By direction of the Administrator

(Signature)

Melvin D. Taylor
Manager
Atlanta 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.

Supplemental Type Certificate

(Continuation Sheet)

Number SE40WE

SUPPLEMENTAL TYPE CERTIFICATE NO. SE40WE

ADDENDUM

OPERATING LIMITATIONS

The limitations prescribed in FAA Engine Type Certificate Data Sheet No. E-295 are applicable except as noted below:

<u>Altitude</u>	<u>RPM</u>	<u>MP</u>
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Below 3500 feet – Do not use turbochargers.

2500 – 14,000 feet	2700	28.5
Over 14,000 feet	2500	27.0