

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

Supplemental Type Certificate

Number SA385WE

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 3 of the Civil Air Regulations.

Original Product - Type Certificate Number 3A10
Make : Cessna
Model : 310, 310B, 310C, 310D, 310E, 310F, 310G

Description of Type Design Change: Installation of turbocharged Lycoming IO-540-A1A5 engines in accordance with FAA sealed Rajay Drawing List No. RJ1000-100.

Limitations and Conditions: See attached STC Addendum No. SA385WE which is a part of this certificate.

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 : Sept. 26, 1962

Date of issuance : Apr. 19, 1963

Date reissued : Jan. 14, 1969; Feb. 10, 1982;
October 30, 1987; Sept. 22, 1995;
Dec. 19, 2003; July 3, 2006

Date amended : May 15, 1964



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.

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Supplemental Type Certificate
(Continuation Sheet)
Number SA385WE

Supplemental Type Certificate Addendum No. SA385WE

The conditions and limitations of Type Certificate Data Sheet No. 3A10 and STC No. SA212SO apply except where superseded by the following:

This data sheet, which is a part of Supplemental Type Certificate No. SA385WE, prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Supplemental T. C. Holder: RAYJAY Parts LLC
 10 Harbor Island Drive
 Key Largo, Florida 33037

I - Models 310, 310B, 310C, 310D, 310E, 310F, 310G (Normal Category) as modified by STC Nos. SA385WE and SA212SO

Engine Lycoming IO-540-A1A5 modified to incorporate turbosuperchargers in accordance with Supplemental Type Certificate No. SE6WE.

Fuel 100/130 Mm. Grade Aviation Gasoline

Engine Limits Unsupercharged - same as original - 310 Series with SA212SO incorporated

 Supercharged - Take Off- 27.0 in. Hg at 2575 RPM (3 min.) sea level to 10,000 ft. MSL

 Max. Continuous - 25.0 in. Hg at 2400 RPM sea level to 25,000 ft. MSL

FAA Approved Riley Turbo Rocket Airplane Flight Manual, dated August 13, 1963, is required with this installation.

Limitation of This approval of change in type design applies to Cessna 310 series aircraft that have been previously Applicability modified to the “Riley Rocket” configuration in accordance with STC SA212SO only. This approval should not be extended to other aircraft of the same models on which other approved modifications have been made unless it has first been determined that the interrelationship between these various modifications will have no adverse effect on the airworthiness of the aircraft.

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