

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

Supplemental Type Certificate

Number SA2383WE

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 therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations*
* See Type Certificate Data Sheet No. 3A10.

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

Description of Type Design Change: Installation of turbocharged Continental IO-470-D engine in accordance with FAA Sealed Roto-Master (Rajay) Drawing List No. RJ1200, or later FAA approved revision.

Limitations and Conditions: The limitations and conditions of Type Certificate Data Sheet No. 3A10 apply except as outlined on page 3 of this STC.

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 12, 1971
Date of issuance: August 18, 1971

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

Date amended : March 21, 1985



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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Supplementation Type Certificate

(Continuation Sheet)
Number SA2383WE

March 21, 1985

Limitations and Conditions - Continued :

1. The engines must incorporate turbochargers in accordance with STC No. SE96S0.
2. The following placards must be installed in full view of the pilot unless noted otherwise:
 - a. “TURBOSUPERCHARGER OPERATION POWER LIMITS - TAKEOFF to 10,000 3 MIN - 27.5 MAP @ 2625 RPM, MAX CONT. TO 25,000 - 26.5 MAP @ 2625 RPM.”
 - b. “REDUCE NEVER EXCEED SPEED (V_{ne}) 6 MPH (5 KNOTS) PER 1000 FEET ABOVE 20,000 FEET MSL.”
 - c. “FOR EMERGENCY DESCENT-IDLE POWER, GEAR AND FLAPS UP - OBTAIN AND MAINTAIN 210 MPH CAS (V_c) TO 15,000 FEET.”
 - d. “FLIGHT OPERATION OVER 25,000 FEET IS PROHIBITED.”
 - e. “FUEL BOOST PUMPS ON ABOVE 15,000 MSL.”
 - f. “WIDE OPEN THROTTLE BEFORE ENGAGING TURBOCHARGER.”
 - g. Adjacent to each fuel filler opening: “100/130 MIN. GRADE AVIATION GASOLINE.”
3. This approval of change in type design applies to the basic Cessna 310 series models noted on page 1 of this STC only. This approval should not be extended to other aircraft of these models on which other modifications have been made unless it has been determined that the interrelationship between these various modifications will have no adverse effect on the airworthiness of those aircraft.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.