

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
Number SA2270WE

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 1A13
Make : Lake
Model : LA-4, LA-4A

Description of Type Design Change: Installation of Roto-Master (Rajay) Turbocharged Lycoming O-360-A1A or A1D Engine (modified per STC SE154SO) in accordance with FAA sealed Roto-Master (Rajay) Drawing List No. RJ5400 or later FAA approved revision.

Limitations and Conditions See attached Continuation Sheets.

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 18, 1970

Date reissued : Feb. 10, 1982; Oct. 23, 1987; Sept. 22, 1995;
Jan. 16, 2003; July 3, 2006

Date of issuance: November 5, 1970

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.

Supplemental Type Certificate

(Continuation Sheet)

Number SA2270WE

5 November 1970

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA2270WE

The conditions and limitations of Type Certificate 1A13 and STC SE154SO apply except where superseded by the following:

This sheet is a part of STC SA2270WE and prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of Federal Air Regulations.

Supplemental TC Holder: RAYJAY Parts LLC
10 Harbor Island Drive
Key Largo, Florida 33037

I - Model LA-4. LA-4A

ENGINE: Lycoming O-360-A1A or A1D

FUEL: Minimum Grade Aviation Fuel 100/130

ENGINE LIMITS:

	<u>MP”H_gA</u>	<u>RPM</u>	<u>ALTITUDE - FT.</u>
Take-Off (3 Mm.)	28.5	2700	3,500 to 12,000
Max. Continuous	28.0	2600	3,500 to 20,000

Do not operate turbocharger below 3,500 feet.

FAA approved Rajay Industries Flight Manual Supplement dated 5 November 1970 is required with this installation.

Limitation of Applicability: The approval of this change in Type Design applies to Lake LA-4 and LA-4A as noted above. This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effects upon the airworthiness of those airplanes.