



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

Number: SA522SW

This certificate issued to: Alcor LLC
300 Breesport St.
San Antonio, TX 78216

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 23 of the Federal Aviation Regulations*.

Original Product

Type Certificate Number: See Limitations and Conditions Make: See Limitations and Conditions

Description of Type Design Change:

Model: See Limitations and Conditions

Installation of Exhaust Gas Temperature (EGT), Cylinder Head temperature CHT)
Components/Systems in accordance with Master Drawing List titled "Alcor Master Drawing List
for STC SA522SW dated November 14, 1984, " or later FAA approved revisions.

Limitations and Conditions:

All aircraft equipped with reciprocating engines are eligible for the installation of the Alcor EGT
and CHT Component/Systems.

(See Continuation Sheet 3 of 3)

*This certificate and the supporting data which is the basis for approval must 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: 04/15/1965

Date Reissued: 07/05/1994

09/30/2002

05/27/2025

Date of Issuance: 05/26/1965

Date Amended: 04/30/1992

see continuation sheet for additional dates

By Direction of the Administrator

Signature:

Roy E Boffo III

Digitally signed by Roy E Boffo

III
Date: 2025.06.17 06:11:07 -05'00'

for Paul Nguyen

Title:

Manager, Central Certification Branch
Compliance & Airworthiness Division
Aircraft Certification Service

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).