



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

Number: SA162GL

This certificate issued to: Kaman Corporation
 Aircraft Wheel and Brake, LLC
 1160 Center Road
 Avon, OH 44011

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 & 8 *of* Civil Air Regulations.

Original Product **A3SW and A4SW** *Make:* Thrush Aircraft, LLC
Type Certificate Number:

Model: **S-2R**

Description of Type Design Change:

Installation of Cleveland Main Wheels and Brakes in accordance with Parker Hannifin Conversion Kit P/N 199-68A, Revision A, dated March 8, 1988, and Cleveland Installation Drawing 50-40, Revision B, dated January 9, 1984, or later FAA Approved revisions.

Limitations and Conditions:

1. This STC applies to those airplanes already using automotive type brake fluid and 27-inch wheels, and with a maximum of 600 H.P.
2. The approval of this change in type design applies basically to the Model S-2R only...

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: February 11, 1977 *Date Reissued:* October 28, 1980; September 19, 2022

Date of Issuance: April 15, 1977 *Date Amended:* August 2, 1984; May 6, 1988

By Direction of the Administrator

**STEVEN L
 LARDINOIS**
Signature:

Digitally signed by STEVEN L
 LARDINOIS
 Date: 2023.07.31 13:37:48
 -05'00'

for Paul (Vu) Nguyen
 Manager, Central Certification Branch
 Compliance & Airworthiness Division

Title: 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).



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(Continuation Sheet)

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Date Reissued: September 19, 2022

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This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the aircraft.

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).
