



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00364BO

This certificate issued to:

Weston B. Liu
105 Mason Rd
Brookline, NH 03033

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: A8SO

Make: Aviat Aircraft Inc.
Model: S-2A
Serial number: 2068
Registration number: N78PS

Description of Type Design: Aviat Aircraft Aileron Counterbalance Plates. This is a one only STC

Limitations and Conditions: (continued on page 3 of 3)

1. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA), Document number LIU-M-16-001, Rev 01, dated January 10, 2015, or later FAA accepted revision. The ICA must be made available to the operator at the time of installation.
2. Compatibility of this design with previously approved modifications must be determined by the installer

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: November 19, 2015

Date reissued:

Date of Issuance: February 19, 2016

Date amended:

By direction of the Administrator

Signature _____

Robert G. Mann

Manager, Boston 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. 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).

**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2
(CONTINUED)**

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

*TRANSFER
ENDORSEMENT*

*Transfer the ownership of Supplemental Type Certificate
Number:*

To *(Name of transferee)*

(Address of transferee)

(Number and street)

(City, State, and ZIP Code)

From *(Name of
grantor)*

(Address of grantor)

(Number and street)

(City, State, and ZIP Code)

Extent of Authority *(if licensing agreement):*

Date of Transfer:

Signature of grantor:



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Limitations and Conditions:

3. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Aviat Aircraft Model S-2A, Serial Number 2068. This STC does not permit manufacturing of parts for multiple installations, such as a PMA.

Certification Basis:

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the Aviat Aircraft Model S-2A aircraft is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS A8SO.
- b. The modification certification basis for parts **changed or affected** by the change since the reference application date, November 19, 2015, is based upon part 23 as amended by Amendment 23-62 as follows:

Regulations at the latest amendment 23-0 through 23-62

23.303, 23.307(a), 23.609, 23.693

Regulations at an intermediate amendment

23.1529 at 23-26

Regulations at the amendment level in TCDS A8SO

23.301, 23.305, 23.603, 23.605, 23.611, 23.613, 23.629, 23.683, 23.685, 23.779, 23.1301

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