

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA02305SE*This certificate, issued to*

Aviation Specialties Unlimited, Inc.
4632 West Aeronca Street
Boise, ID 83705

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: A4SW
Make: THRUSH AIRCRAFT, INC. (Snow, Rockwell, Ayres)
Model: S2R, S2R-T45, S2R-H80, and S2R-G5

Description of the Type Design Change: Installation of a Supplemental Lighting System manufactured and installed in accordance with Aviation Specialties Unlimited (ASU) Master Drawing List (MDL) MDL-S2R004-3, Revision E, dated April 3, 2018, or later Federal Aviation Administration (FAA) approved revision. Maintained in accordance with Instructions for Continued Airworthiness (ICA) ICA-S2R004-3, Revision A, dated March 18, 2014, or later FAA-accepted revision. Operated in accordance with Flight Manual Supplement (FMS) FMS-S2R004-6, Revision B, dated March 9, 2017 and FAA-approved March 27, 2017, or later FAA-approved revision.

Limitations and Conditions: This supplemental type certificate applies to the models listed above and only to the specific serial numbers as listed on the ASU MDL. This aircraft employs Night Vision Imaging System lighting, commonly named NVIS that has been certified to ensure the aircraft is compatible with Night Vision Goggles (NVG). For this reason, interior and exterior modification that add or change systems that emit or reflect light have the potential to alter or change the NVIS lighting vs. NVG compatibility. Compatibility of this design with subsequent modification must be determined by the installer. The determination of compatibility with modifications that emit or reflect light may require a re-evaluation by an FAA Aircraft Certification Office. A copy of this certificate, the ICA, and the FMS must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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: March 13, 2012

Date reissued:

Date of issuance: April 22, 2014

Date amended: March 11, 2016; March 28, 2017;
April 26, 2018



By direction of the Administrator

(Signature)

Manager, Seattle ACO Branch

(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). This certificate may be transferred in accordance with FAR 21.47.