



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA02563AK

This certificate issued to: Custom Air Innovations, LLC
500 L Street, Suite 200
Anchorage, AK 99501

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:	Make: *	*Refer to FAA Approved Model List for STC SA02563AK, dated September 9, 2022 or later
Type Certificate Number: *	Model:*	FAA approved revision, for airplane makes and models, corresponding Type Certificate numbers, and applicable airworthiness regulations.

Description of Type Design Change:

Installation of Custom Air Innovations Titanium Tail Wheel and Assembly in accordance with Custom Air Innovations Installation Instructions, document number 32-270-39-01, Revision A, dated June 14, 2022 or later FAA approved revisions.

Limitations and Conditions:

1. The installer must determine whether the design change is compatible with previously approved modifications.
2. Maintain the tail wheel assembly in accordance with Custom Air Innovations Tailgear Assembly Instructions for Continued Airworthiness, document number 32-270-24-01, Revision N/C, dated April 11, 2019 or later FAA accepted revision.

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: October 23, 2018

Date reissued:

Date of issuance: September 9, 2022

Date amended:

By direction of the Administrator

Digitally signed by
AUGUST A ASAY
Date: 2022.09.08
13:21:38 -08'00'

Signature: _____

August A. Asay

Title: Manager, Anchorage ACO Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisoned 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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Custom Air Innovations, LLC
500 L Street, Suite 200
Anchorage, Alaska 99501

Approved Model List (AML)
Number: SA02563AK
Date of Issuance: September 9, 2022
Revision Date: May 17, 2023

Approved Model List for the Custom Air Innovations Titanium Tail Wheel Assembly

TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS	ICA	FAA APPROVED AFMS
Thrush Aircraft, LLC	S2R S2R-T34 S2R-R1340 S2R-R3S S2R-T15 S2R-T11	A3SW	CAR 3, amendment 3-8 Part 23, Subpart C amendment 23-34 Part 23 Subpart G amendment 23-59	32-270-39-01, revision A, dated June 14, 2022, or later FAA approved revision	32-270-24-01, revision N/C, dated April 11, 2019, or later FAA accepted revision	N/A
Thrush Aircraft, LLC	S2R S2R-T34 S2R-T15 S2R-R3S S2R-T11 S2R-R1340 S2R-H80 S2R-510	A4SW	CAR 3, amendment 3-8 Part 23, Subpart C amendment 23-34 Part 23 Subpart G amendment 23-59	32-270-39-01, revision A, dated June 14, 2022, or later FAA approved revision	32-270-24-01, revision N/C, dated April 11, 2019, or later FAA accepted revision	N/A