



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SE04577CH

This certificate issued to: Electroair Acquisition Corp  
5097 Williams Lake Road  
Waterford MI, 48329

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 33 of the Federal Aviation Regulations.

Original Product

Make: See AML

Type Certificate Number: See AML

Model: See AML

Description of Type Design Change:

Install an electronic engine ignition system in accordance with Electroair Acquisition Corp Installation Manual, IM EIS-41000, revision 16, dated December 14, 2022 or later FAA approved revision or IM EIS-61000, revision 18, dated December 14, 2022 or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. A copy of this Certificate and FAA Approved Model List (AML) No. SE04577CH, issued December 28, 2022, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
4. Installation of an engine modified by this STC requires installation of either Electroair aircraft STC SA02987CH or SA03286CH.

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: 05/25/2022

Date Reissued:

Date of Issuance: 12/28/2022

Date Amended:

By Direction of the Administrator

Signature:

Title: Anthony Flores  
Acting Manager, Propulsion & Program Management Section  
Chicago ACO Branch  
Compliance & Airworthiness Division

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 on 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 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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**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 and address of transferee):

**From** (Name and address of grantor):

**Extent of Authority** (if licensing agreement):

Date of transfer: \_\_\_\_\_

Signature of grantor: \_\_\_\_\_

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*Supplemental Type Certificate*

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*Number: SE04577CH*

*(Continuation Sheet)*

*Date of Issuance: December 28, 2022*

*Certification Basis:*

The Engine type certification basis is shown on the Original TCDS, for parts not changed or not affected by this change. The certification basis for the parts changed or affected by installation of Electronic Ignition System is based upon Part 33 as amended by Amendment 33-34. Regulations at the latest amendment 33-0 through 33-34: 14 CFR §§ 33.3, 33.4 [Amdt. 33-9], 33.15 [Amdt. 33-10], 33.25 [Amdt. 33-10], 33.28 [Amdt. 33-26], 33.33, 33.37, 33.47, 33.49 [Amdt. 33-10], 33.51 [Amdt. 33-3], 33.53 [Amdt. 33-26], and Appendix A [Amdt. 33-25].

**-END-**

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