



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SA04586CH

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 23 of the Federal Aviation Regulations.

Original Product

Make: See AML

Type Certificate Number: See AML

Model: See AML

Description of Type Design Change:

Installation of the Electroair Back Up Battery Panel System Control, in accordance with Master Drawing List MDL EA-26000 Revision 03, dated 12/22/2022, or later FAA approved revisions.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. A copy of this Certificate and FAA Approved Model List (AML) No. SA04586CH, issued 12-23-2022, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
3. FAA approved Aircraft Flight Manual Supplement, AFMS EA-26000 Rev 00 approved December 21, 2022, or later FAA approved revision is required.
4. FAA accepted Instructions for Continued Airworthiness, ICA EA-26000 Revision 00 dated October 20, 2022, or later FAA accepted revision is required for this modification.  
See Limitations and Conditions (continued) on Page 3

*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: September 13, 2021

Date Reissued:

Date of Issuance: December 23, 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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(Continuation Sheet)

Date of Issuance: December 23, 2022

*Limitations and Conditions (Continued):*

5. 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.
6. STC SA04400NY must be installed as a prerequisite to this modification.
7. STC SA02987CH or SA03286CH, must be installed as a prerequisite to this modification.
8. No other devices or loads may be connected to the IBBS when it is used as a back-up battery for an EIS.

*Certification Basis:*

In accordance with 14 CFR 21.101 and 21.115 and the procedures specified in FAA Order 8110.48 and FAA AC 21.101 the certification basis for this modification is as follows.

1. The type certification basis for areas **not changed** or **not affected** by this modification remain as specified in the applicable TCDS.
2. The certification basis for areas **changed** or **affected** by this modification since the date of application, September 13, 2021, was determined to be:

14 CFR Part 23	Amdt
23.603	23-23
23.773	23-63
23.1301	23-62
23.1309	23-62
23.1322	23-43
23.1351	23-49
23.1357	23-43
23.1359	23-49

14 CFR Part 23	Amdt
23.1367	Initial
23.1529	23-26
23.1541	23-21
23.1559	23-62
23.1581	23-50
23.1583	23-62
23.1585	23-62
23.1589	23-50

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