



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number SA00517NY

This certificate issued to:

Applicant Name: Wiggins Airways  
Street Address: 1 Garside Way  
City, ST Zip: Manchester, NH 03103-4920

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: A21SO  
Make: Embraer  
Model: EMB-110P1, EMB-110P2

#### Description of Type Design Change:

Modification of air conditioning system in accordance with Design and Maintenance Analysis, Inc. Master Drawing List (MDL) A4000DL, Revision N/C, dated October 21, 1996, or later FAA approved revision.

#### Limitations and Conditions:

1. Operation must be in accordance with Design and Maintenance Analysis, Inc. Aircraft Flight Manual Supplement (AFMS), FAA approved on October 25, 1996, or later FAA approved revision.

The AFMS must be carried in the aircraft during all flights.

(continued on Page 3 of 3)

*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: April 26, 1996

Date reissued: August 13, 1997; May 16, 2005;  
June 12, 2014

Date of Issuance: October 28, 1996

Date amended: July 28, 2000

*By direction of the Administrator*

Signature \_\_\_\_\_  
Robert G. Mann

Manager, Boston Aircraft Certification Office  
Title \_\_\_\_\_

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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.**

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*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:*



Supplemental Type Certificate

Number SA00517NY
June 12, 2014

Limitations and Conditions: (continued from Page 1 of 3)

2. Maintenance must be in accordance with:

Instructions for Continued Airworthiness (ICA), Design and Maintenance Analysis, Inc. Report 7-96-4, dated July 29, 1996, or later FAA accepted revision.

AND

Design and Maintenance Analysis, Inc. Maintenance Manual Supplement (MMS) dated October 22, 1996, or later FAA accepted revision.

The ICA and MMS must be made available to the operator at the time of installation.

3. This STC is limited to aircraft of these specific models equipped with the following parts installed in accordance with Embraer Service Bulletin (SB) 110-021-0045, or the production equivalent:

Table with 3 columns: Quantity, Nomenclature, Part Number. Rows include Doublers, NACA Intakes, Control Valves, and Control Cable.

4. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis: Not documented.

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