



United States of America
 Department of Transportation
 Federal Aviation Administration
Supplemental Type Certificate
 Number ST03177NY

This certificate, issued to: Delta Engineering Corporation
 13 DRBA Way
 New Castle, Delaware 19720

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: T00011AT Make: Embraer
 Model: EMB-135LR & EMB-145LR

Description of Type Design Change:

Installation of a Honeywell ADS-B (Out), EHS and FreeFlight GPS in accordance with Delta Engineering Master Data List 0166-08681-2360 Revision B dated May 28, 2014 or later FAA approved revisions to Delta Engineering Master Data List previously listed. The Instructions for Continued Airworthiness, Electrical Wiring Interconnection Instructions for Continued Airworthiness and Airplane Flight Manual Supplement as listed on the Master Data List is required with this installation.

Limitations and Conditions:

1. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.

(See Continuation Sheet 3)

This certificate and the supporting data which is the basis for approval shall remain in effect surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: July 31, 2013 Date reissued:
 Date of issuance: September 21, 2013 Date amended: May 31, 2014

By direction of the Administrator

Signature: _____
 Title: Jonathan E. Moritz
 ODA Administrator
 ODA-800728-NE

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).



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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 Supplement 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 Supplement 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)

Number ST03177NY

Date May 31, 2014

Limitations and Conditions:

3. Honeywell Service Bulletins 7013270-34-0020, 7018879-34-52, 7510700-23-32, 7510700-23-0053, 7510784-23-0016 and 7517400-23-0024 are required with this STC.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, this STC is a non-significant change. The certification basis for un-changed or not affected areas by this STC remains un-changed by this STC and the certification basis for this STC is as follows:

- a. FAA Alternate Means of Compliance 140S-12-160
- b. The following regulations for CFR Part 25 at later amendment than the TCDS all other regulations at certification basis defined in the TCDS:

Section	Title	At Amendment
§25.831	Ventilation	25-89
§25.853	Compartment interiors	25-116
§25.869	Fire protection: systems	25-113
§25.981	Fuel tank temperature	25-102
§25.1353	Electrical equipment and installations	25-113
§25.1431	Electronic equipment	25-113
§25.1583	Operating limitations	25-105
§25.1585	Operating procedures	25-105

- c. CFR Part 26:

Section	Title	At Amendment
§26.11	EWIS	26-0
§26.47	AASR	26-1

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