



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

IMPORT

Number: ST04423NY

This certificate issued to: FTI Engineering Network GmbH
Schmiedestrasse 2
Wildau, Germany 15745

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 25 of the Federal Aviation Regulations.

Original Product – Type Certificate Number:
T00011AT

Make: EMBRAER
Model: EMBRAER EMB-135BJ, EMB-135ER, EMB-135LR,
EMB-145, EMB-145EP, EMB-145ER, EMB-145LR,
EMB-145MP

Description of Type Design Change:

1. Installation of ADS-B Out in accordance with FTI Engineering GmbH Master Document List F18-EO18-1634 Issue 02, dated December 11, 2018, or later EASA approved revisions.
2. Aircraft operation in accordance with FTI Engineering GmbH Aircraft Flight Manual Supplement F20-001-EO18-1634 Issue 03, and F20-002-EO18-1634 Issue 03, dated December 11, 2018, or later EASA approved revisions.
3. Maintenance in accordance with FTI Engineering GmbH Instructions for Continued Airworthiness F33-EO18-1634, Issue 04, dated June 25, 2019, or later EASA approved revisions.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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.
3. Must adhere to the Airworthiness Limitations section of FTI Engineering GmbH Instructions for Continued Airworthiness F33-EO18-1634, Issue 04, dated June 25, 2019, or later EASA approved revisions.

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.

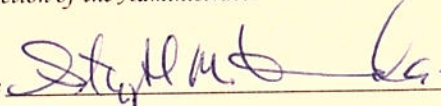
Date of Application: March 08, 2019

Date Reissued:

Date of Issuance: November 15, 2019

Date Amended:

By Direction of the Administrator

Signature 

Title ^{for} Anthony E. Gallo
Manager
New York ACO Branch

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 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: ST04423NY

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

(Continuation Sheet)

Number: ST04423NY

Date of Issuance: November 15, 2019

Certification Basis:

Based on 14 CFR 21.115 and 21.101, and the FAA policy for design changes that are identified as not significant in FAA order 8110.48, the certification basis for the EMBRAER EMB-135BJ, EMBRAER EMB-135ER, EMBRAER EMB-135LR, EMBRAER EMB-145, EMBRAER EMB-145EP, EMBRAER EMB-145ER, EMBRAER EMB-145LR, EMBRAER EMB-145MP is as follows:

- a. The type certified basis for parts not changed or not affected by the change is shown on TCDS T00011AT
- b. The modification certification basis for parts changed or affected by the change since the reference application date is shown on TCDS T00011AT

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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).