



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

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: _____

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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Supplemental Type Certificate

(Continuation Sheet)

Number: ST04225AT

Date Issued: September 11, 2015

Limitations and Conditions:

- 4. The aircraft shall be maintained in accordance with Instructions for Continued Airworthiness (ICA), Airworthiness Limitations Section, LiveTV Document Number 190K8001-NCA Revision IR, dated June 9, 2015, or later FAA approved revisions.
5. The Ka Band Connectivity System electrical and LRU installations per Embraer Service Bulletin 190-44-0030-00 must be installed prior to or concurrently with STC ST04225AT.
6. The Ka Band Connectivity System support structure installation per Embraer Service Bulletin 190-53-0071-00 must be installed prior to or concurrently with STC ST04225AT.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Embraer ERJ 190-100 (STD/LR/IGW) series aircraft is as follows:

- a. The type certification basis for the Embraer ERJ 190-100 (STD/LR/IGW) series airplane is shown on TCDS A57NM for parts not changed or not affected by the change.
b. The certification basis for parts changed or affected by the change since the reference date of application, November 13, 2013, is based upon part 25 as amended by amendment 25-123. Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

14 CFR Part 25 Regulations

Regulations at the latest amendment 25-0 through 25-123:

Table with 4 columns: 14 CFR, 25.899(a)(b), 25.1301(a), 25.1309(a)(b)(e). Rows include 25.1351(a)(1), 25.1353(a)(c), 25.1360(a)(b), 25.1431(a)(c), 25.1529, 25.1581(a)(b)(d).

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