



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA04278AT

This certificate issued to: Embraer Engineering & Technology Center – USA, Inc.
1400 General Aviation Drive
Melbourne, FL 32935

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: A60CE Make: Embraer
Model: EMB-505 (Phenom 300)

Description of Type Design Change:

Installation of a cabin In-Flight Entertainment & Passenger Audio System in accordance with Embraer Master Drawing List 16006-001, Revision B, dated September 7, 2016, or later FAA approved revision.

Limitations and Conditions:

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. Instructions for Continued Airworthiness Document (ICA), Embraer Engineering & Technology Center (EETC – USA) Document Number 16006-030, Revision A, dated August 4, 2016, or later approved revision must be available to the operator at the time of installation.

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 1, 2016

Date Reissued:

Date of Issuance: October 26, 2016

Date Amended:

By Direction of the Administrator

Signature _____

Christina Underwood, Manager
Atlanta Aircraft Certification Office

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: SA04278AT

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: SA04278AT

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 S.A. Model EMB-505 Cabin In-Flight Entertainment & Passenger Audio System installation is as follows:

- a. The type certification basis for Embraer S.A. EMB-505 is shown on TCDS A60CE for parts not changed or not affected by the change.
- b. The certification basis for the parts changed or affected by the change since reference date of application, April 1, 2016, is based upon 14 CFR Part 23 as amended by, Amendments 23-1 through 23-57. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the amendment level in TCDS A60CE (Amendment 23-0 through 23-57):

§23.1	§23.21	§23.30 1	§23.303	§23.307	§23.561	§23.562
§23.601	§23.603	§23.605	§23.607	§23.609	§23.611	§23.613
§23.619	§23.625	§23.627	§23.785	§23.853	§23.867	§23.1301
§23.1309	§23.1351	§23.1357	§23.1359	§23.1365	§23.1431	§23.1529

END

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