United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

IMPORT

Number: ST04494NY

This certificate issued to: Lufthansa Technik AG
Weg Beim Jaeger 193
22335 Hamburg, Germany

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:
A16WE

Make: BOEING
Model: 737-700 Series, 737-800 Series

Description of Type Design Change:

1. Activation of Ka-band in-flight connectivity system and in-cabin distribution system must be in accordance with Lufthansa Technik Supplemental Type Definition Document No. STDD23-17/02M, Issue 1, Revision 0, dated January 22, 2018, or later European Union Aviation Safety Agency (EASA) approved revision.
2. Maintenance of this modification must be in accordance with Lufthansa Technik Instructions for Continued Airworthiness Document No. A-00-16/95-ICA, Issue 04, Revision 00, dated December 7, 2017, or later EASA accepted revision.
3. Operation must be in accordance with Lufthansa Technik Airplane Flight Manual Supplement Doc. No. A-00-16/95-AFM Issue 01, Revision 00, dated June 6, 2017, or later EASA approved revision.

Limitations and Conditions:

1. Operation must be in accordance with the "Certificate Limitations" section of Lufthansa Technik Airplane Flight Manual Supplement Doc. No. A-00-16/95-AFM Issue 01, Revision 00, dated June 6, 2017, or later EASA approved revision.
2. Only for activation of provisions certified by FAA STC ST04405NY.
3. Installation on aircraft models only that satisfy the configurations and criteria defined in Description of Change AVE01-23 Revision 5, dated January 17, 2018, or later EASA approved revisions.

(See Limitations and Conditions 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: May 12, 2020

Date of Issuance: May 27, 2020

Date Reissued:

Date Amended:

By Direction of the Administrator

Signature _____

Title Anthony E. Gallo
Acting 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: ST04494NY

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: ST04494NY

Date of Issuance: May 27, 2020

Limitations and Conditions (continued):

4. The installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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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).