United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST10498SC

This certificate issued to: American Airlines, Inc.
3900 North Mingo Road
Engineering Dept., MD 208/TUL
Tulsa, OK 74116

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 Code of Federal Regulations.

Original Product
Type Certificate Number: T00001SE
Make: Boeing
Model: 777-223

Description of Type Design Change:

Interior reconfiguration and Global Connectivity Suite activation in accordance with Master Data List, B1313-MDL, Revision N, dated August 27, 2021 or later FAA approved revision, Serial Number Effectivity Report B1313-SNER, Revision New, dated August 14, 2013 or later FAA approved revision, and Airplane Flight Manual Supplement, B1313-AFMS, Revision B, dated, February 24, 2017 or later FAA approved revision.

Limitations and Conditions:

This approval should not be incorporated in any aircraft of this specific model until compatibility of this modification with previously approved modifications has been determined by the installer. 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.

This STC is contingent on prior or concurrent incorporation of the following STCs:

1. ST10495SC as amended September 18, 2014 or later approved revision,
2. ST03048CH as amended April 25, 2013 or later approved revision,
3. ST02905NY as amended July 25, 2014 or later approved revision.
4. ST11083SC as amended December 19, 2016 or later approved revision

(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, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: July 16, 2013
Date Reissued:

Date of Issuance: September 20, 2014
Date Amended: December 16, 2015; May 12, 2017; August 27, 2021

By direction of the Administrator

Signature _____
Cheryl L. Hurst

Title: ODA-700094-SW Administrator

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: ST10498SC

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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Limitations and Conditions (continued):
The Instructions for Continued Airworthiness, Document Number B1313-ICA, Revision E, dated April 7, 2017 or later FAA AEG accepted revision, B1313-AMD01-ICA, Revision D, dated April 7, 2017 or later FAA AEG accepted revision, and B1313-AMD04-ICA, Revision A, dated August 4, 2021 or later FAA AEG accepted revision shall be made available to the operator at the time of installation. The aircraft shall be maintained in accordance with the applicable Instructions for Continued Airworthiness. A revised EWIS ICA is not required for this STC.

Certification Basis:
Based on 14 CFR 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for the Boeing Model 777-223 aircraft for the change is as follows:

a. The Type Certification basis for Boeing Model 777-223 airplanes is shown on TCDS T00001SE 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, July 16, 2013 is based upon Part 25, as amended by Amendment 25-137 and Part 26 as amended by Amendment 26-6. Based on 14 CFR 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-137
25.803(a), 25.854, 25.856(a), 25.899

Regulations at an intermediate amendment
25.853(a)(c)(d)(e)(f)(g)(h) Amendment 25-83, 25.981(a)(3)(d) Amendment 125

Regulations at the amendment level in TCDS T00001SE
25.21(a)(1), 25.29, 25.301, 25.303, 25.305(a)(b)(c), 25.307, 25.365(e)(f)(g), 25.561, 25.562, 25.571, 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.621, 25.623, 25.625, 25.681(b), 25.685, 25.689(f), 25.783(j), 25.785(a)(b)(c)(d)(e)(f)(1)(3)(h)(i)(j)(k), 25.787(a)(b), 25.789, 25.791, 25.793, 25.811(b)(c)(d)(g), 25.812(a)(1)(b)(1)(e)(i)(l)(1)(2), 25.813(a)(b)(d)(e), 25.815, 25.831(a)(c), 25.851(a)(1)(2)(5), 25.855(d), 25.869(a)(4), 25.1301, 25.1307(c), 25.1309, 25.1316, 25.1317, 25.1333(c), 25.1351(a), 25.1353(a)(b), 25.1357(a)(c), 25.1411(a)(b)(d)(1)(e)(f), 25.1415(b)(d), 25.1423(g), 25.1431(a)(c), 25.1443(c), 25.1447(a)(c)(1)(3)(4), 25.1450, 25.1529, 25.1541, 25.1557(a), 25.1561(b)(c)(e), 25.1581, 25.1583(c)(2)

Special Condition 25-367-SC
Issue Paper dated 2/14/2014– Equivalent Level of Safety for Dynamic Test Requirements for Single Occupant Oblique Fwd-facing & Oblique Aft-facing Seats

14 CFR Part 26 Regulations
Based on 14 CFR §21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance of this STC, compliance has been found for the following regulations 14 CFR § 26.11(c),(d)(5), 26.47(c) (Amendment No. 26-0, through 26-6).

---------- **END** ----------

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).