



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST11082SC

This certificate issued to: American Airlines, Inc.
3900 N. Mingo Road
Engineering Dept., MD 208
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 Federal Aviation Regulations.

Original Product - Type Certificate Number: A2NM Make: Boeing
Model: 757-200 Series

Description of Type Design Change:

Installation of new electrically actuated lie-flat business class seats, business class monuments, one row of additional power ports in main cabin, and updated main cabin seats, in accordance with Master Data List F2175-MDL, Revision B, dated Oct 5, 2016, or later ODA-700094-SW 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 modification requires installation of the following:

- 1. STC for Interior Configuration: either ST10480SC-D Amendment 03, dated 8/12/2011 or STC ST10486SC-D Amendment 03, dated 10/09/2012 and Reissued 11/13/2012.
2. STC ST09476SC, Installation of Luminator Aircraft Products Floor Proximity Escape Path Lights, Amendment 02, dated 4/9/2008 and subsequent changes included in accordance with MDL 908019 Rev U, dated 5/12/2016.
3. STC ST10488SC-D, Replacement of the existing 115 VAC power distribution wiring harnesses of the EmPower In Seat Power Supply (ISPS) system, dated 1/20/2011.
4. STC ST10489SC-D, Installation of flight attendant rest seat in the aft coach section, Amendment 01, dated 10/15/2012.
5. Zodiac Seats US LLC Service Bulletin 879603-25-4280, Passenger Seat Assemblies for American Airlines (AAL) - Replacing Dress Covers, Rev 2, dated 6/23/2016.
6. Zodiac Seats US LLC Service Bulletin 879606-25-4282, Passenger Seat Assemblies for American Airlines (AAL) - Adding PC Power Port (Row 16 in Main Cabin) , Rev 2, dated 6/3/2016.

(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: April 1, 2016
Date of Issuance: August 06, 2016

Date Reissued:
Date Amended: October 6, 2016

By direction of the Administrator

Signature Richard T. Burk

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).

**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2
(CONTINUED)**

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: ST11082SC

To (Name of transferee) _____

(Address of transferee)

(Number and street) _____

(City, State, and ZIP Code) _____

From (Name of grantor) _____

(Address of grantor)

(Number and street) _____

(City, State, and ZIP Code) _____

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor: _____



United States of America
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Supplemental Type Certificate

(Continuation Sheet)

Number: ST11082SC

Date of Issuance: August 06, 2016

Limitations and Conditions (continued):

The Instructions for Continued Airworthiness, Document Number F2175-ICA, Revision B, dated June 28, 2016 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 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 757-200 Series aircraft for the change is as follows:

- a. The Type Certification basis for Boeing Model 757-200 Series airplanes is shown on TCDS A2NM 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, April 1, 2016 is based upon Part 25, as amended by Amendment 25-141 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 25-141

25.301, 25.303, 25.601, 25.609, 25.619, 25.815, 25.817, 25.856(a), 25.981(a)(3)(d), 25.1327, 25.1423(c), 25.1441(a)(b), 25.1529, 25.1541

Regulations at an intermediate amendment

25.613 Amendment 25-72, 25.785(a)(b)(c)(d)(f)(1)(3)(i)(j)(k) Amendment 25-72, 25.787(a)(b) Amendment 25-51, 25.807(d)(1) Amendment 25-72, 25.812(e)(1) Amendment 25-46, 25.853(a)(c)(d)(e) Amendment 25-83, 25.869 (a)(4) Amendment 25-72

Regulations at the amendment level in TCDS A2NM

25.21(a)(1), 25.29, 25.305(a)(b), 25.307(a), 25.365(e)(f)(g), 25.561, 25.603, 25.605, 25.607, 25.611, 25.623, 25.625(a), 25.789(a), 25.791, 25.811(d), 25.813, 25.831(a), 25.851(a)(1)(5)(6), 25.1301, 25.1309(a)(b)(d)(g)(e)(f), 25.1351(a)(b)(5), 25.1353(a)(b), 25.1357(a)(c), 25.1411(a)(b)(d)(1)(e)(f), 25.1415(b)(d), 25.1421, 25.1431(a)(c), 25.1447(a)(c)(1)(3)(4), 25.1557(a), 25.1561(b)(c)(e), 25.1583(c)(1)(2)

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) Amendment No. 26-0 through 26-6, 26.47(c) Amendment 26-1.

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