United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST10488SC-D

This Certificate issued to American Airlines, Inc.
3900 N. Mingo Road
Engineering Dept., MD 208
Tulsa, Oklahoma 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: 757-223

Description of Type Design Change: Replacement of the existing 115 VAC power distribution wiring harnesses of the EmPower In Seat Power Supply (ISPS) system in accordance with Master Data List, F1903-MDL, Revision A, January 20, 2011 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.

(Limitations and Conditions continued on page 3 of 4)

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 : October 18, 2010

Date of issuance : January 20, 2011

Date reissued :

Date amended :

By direction of the Administrator

(*Signature*)

C.E. Williams
ODA-700094-SW Administrator

(*Title*)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

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Limitations and Conditions (continued):

The Instructions for Continued Airworthiness, Document Number F1903-ICA, Revision A, dated December 13, 2010 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.

This modification requires the prior installation of the EmPower In Seat Power Supply (ISPS) system in accordance with STC Number SA3998SW-D.

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, October 18, 2010 is based upon Part 25, as amended by Amendment 25-130 and Part 26 as amended by Amendment 26-3. 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:

(Certification Basis continued on page 4 of 4)

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Certification Basis (continued):

Regulations at the latest amendment 25-0 through 25-130, 26-0 through 26-3
25.301(a), 25.303, 25.601, 25.609, 25.789(a), 25.1529, 26.11(c)(d.5), 26.47(c)

Regulations at an intermediate amendment

25.613(a-d)	Amendment 46
25.853(a)	Amendment 83
25.869(a.4)	Amendment 72
25.981(a.3)(b)	Amendment 102

Regulations at the amendment level in TCDS A2NM
25.21(a.1), 25.29, 25.305(a)(b), 25.307(a), 25.561(b.3), 25.571(a)(b), 25.603(a)(b), 25.605, 25.611, 25.1301(a-d), 25.1309(a)(b)(d)(g), 25.1351(a), 25.1353(a)(b), 25.1357(a)(c), 25.1431(a)(c)

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), (Amdt. No. 26-0, through 26-3).

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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.