

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number
ST00008MC-D

This certificate, issued to

The Boeing Company, Wichita Division
P.O. Box 7730
Wichita, Kansas 67277-7730

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product--Type Certificate Number: A20WE
Make : Boeing
Model : 747-2G4B

Description of Type Design Change:

This modification installs a Video Source Upgrade (replaces existing VCRs with TEAC DVDs and Airshow VCRs and adds additional units to airplane and replaces E39 rack with larger rack to accommodate additional equipment), replaces existing Conference Room Ceiling Lighting with a cold cathode lighting system, replaces several CRTs with LED monitors, and adds a supportability and infrastructure (SIU) upgrade consisting of Cabin Management System changes, In-Flight Information System changes, Passenger Service System changes, and seat modifications). This modification is further defined by FAA Approved Boeing Document D800-10610-44, Revision New or later FAA approved revision.

Limitations and Conditions: (See Page 2 of 2 Continuation Sheet)

1. 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.
2. This approval should not be incorporated in any aircraft of this specific model on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the airplane.

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 : August 19, 2004

Date reissued :

Date of issuance : July 26, 2007

Date amended :



By direction of the Administrator

David J. Horn
(Signature)

David J. Horn
DAS-501296-CE 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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(Continuation Sheet)

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Part 25 of the Federal Aviation Regulations: (Continued)

1. The Certification basis consists of T.C.D.S. A20WE, plus Voluntary compliance has been shown with respect to the following Regulations:

14 CFR Part	Amendment Level
25.301; 25.303; 25.305(a)(b)(c); 25.471; 25.561; 25.607; 25.611; 25.615; 25.619	Amendment 25-23, effective April 8, 1970
25.1359(d) 25.815	Amendment 25-32, effective May 1, 1972
25.1501(b)	Amendment 25-38, effective February 1, 1977
25.603; 25.605; 25.789; 25.1561(c)	Amendment 25-42, effective March 1, 1978
25.307(a)(c)(d)	Amendment 25-46, effective October 30, 1978
25.853(a)(b)(c)	Amendment 25-54 effective October 14, 1980
25.29; 25.613(a)(b)(c)(d); 25.625;	Amendment 25-59, effective November 26, 1984
25.869(a1)(a4); 25.1415(b);	Amendment 25-72, effective July 20, 1990
25.1581(a2)(d)	
25.1411(a)(b)(f)	Amendment 25-79, effective September 27, 1993
25.365(a)(b)(d)(e)(g)	Amendment 25-87, effective June 5, 1996
25.981(a3)	Amendment 25-102, effective June 6, 2001
25.1583(c1)(c2); 25.1585(a)(b)	Amendment 25-105, effective June 26, 2001
25.856(a)	Amendment 25-111, effective September 2, 2003

2. A finding of no acoustic change as a result of this modification is identified within FAA approved Boeing Document D800-10610-44, Section 3.4.3.

Limitations and Conditions: (Continued)

3. This STC approval is for the existing configuration as defined by the approved drawing list, and as appropriate, later FAA approved minor changes reviewed and approved by the appropriate DAS-501296-CE staff members.
4. This approval is limited to the airplanes listed in Appendix I of Boeing Document D800-10610-44, Revision New, or later FAA approved revision.
5. Installation of this STC modification must be accomplished at the Boeing Wichita Repair Station P12R084L utilizing Boeing Planning Paper as Installation Instructions.
6. Airplane Flight Manual Supplement DDS-33747.2G4-172.01, Revision New, FAA Approved June 22, 2007 or later FAA Approved Revision is required for this STC.

END
July 26, 2007