

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

Number ST02335CH

This certificate issued to

EAD Inc.
Suite IMS
5458 North Magnolia Street
Chicago, IL 60640

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. See Page 3 of 3 for complete certification basis.

Original Product--Type Certificate Number: A20WE

Make: The Boeing Company

Model: 747-400 Series

Description of Type Design Change:

Installation of a Honeywell MCS 6000 High Gain Satellite Communications (SATCOM) System in accordance with EAD Aerospace Master Drawing List, Dwg. No. 01098-FAA-TMD, Revision E, dated January 15, 2008, or later FAA approved revision.

Limitations and Conditions:

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) The Variant C modification (Variant A and Variant B not affected) may not be installed after June 7, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer to § 26.11).
- 3) 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 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: May 12, 2006

Date reissued:

Date of issuance: November 2, 2006

Date amended: February 19, 2008



By direction of the Administrator

(Signature)

Charles L. Smalley
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

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Supplemental Type Certificate
(Continuation Sheet)

Number ST02335CH

Date amended: February 19, 2008

Certification Basis:

The certification basis for the changed Boeing 747-400 Series as described in this certificate is as follows:

- a. The type certification basis for the Boeing 747-400 Series is shown on TCDS A20WE for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, May 12, 2006, is shown on TCDS A20WE.

In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-119.

Regulations at the latest amendment 25-0 through 25-119

25.869(a); 25.1301(a)-(d); 25.1307(c); 25.1309(a)-(d), (g); 25.1351(a); 25.1353(a); 25.1357(a), (c); 25.1431(a)-(d); 25.1501(a); 25.1529.

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