

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

Number ST02765CH

This certificate issued to
Electronic Cable Specialists
5300 W. Franklin Drive
Franklin, WI 53132

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: Boeing
Model: 747-400 Series; 747-400D Series; 747-400F Series

Description of Type Design Change:

Installation of Electronic Flight Bag mounting and wiring provisions in accordance with Electronic Cable Specialists Master Data List ECS-207549, Revision A, dated September 17, 2009, 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 equipment for which these provisions are intended has not been certified. Additional FAA approval is required for the installation of this equipment, along with an evaluation that includes the items listed within the Flight Deck Evaluation document as listed in Appendix A of Electronic Cable Specialists Master Data List ECS-207549, Revision A, dated September 17, 2009, or later FAA approved revision, to assure satisfactory compliance with applicable airworthiness standards.
- 3) This modification may not be installed after August 30, 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, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer to § 26.11)
- 4) 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: April 17, 2009

Date reissued:

Date of issuance: October 14, 2009

Date amended: June 04, 2010



By direction of the Administrator

(Signature)

Steven L. Lardinois
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST02765CH

Date of issuance: October 14, 2009
Amended June 04, 2010

Certification Basis:

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

- a. The type certification basis for the Boeing 747-400 Series, 747-400D Series, and 747-400F 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, February 4, 2008, is shown on TCDS A20WE. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-119 and 14 CFR Part 26 amended by Amendment 26-1.

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

25.29(b); 25.301(a), (b); 25.303; 25.305(a), (b); 25.307(a); 25.561(c); 25.601; 25.603; 25.605(a); 25.609; 25.611; 25.613(a); 25.619(a); 25.625(a); 25.771(a); 25.777(a); 25.789(a); 25.853(a); 25.869(a)(4); 25.981(a)(3); 25.1301(a), (b), (c); 25.1309(a), (c), (g); 25.1322; 25.1333(c); 25.1353(a), (b), (d)(1), (d)(2), (d)(3); 25.1357(a), (c); 25.1381(a)(1), (a)(2)(i), (a)(2)(ii); 25.1431(a), (b), (c), (d); 25.1529; 25.1541(a)(1), (a)(2), (b)(1), (b)(2).

Regulations at the latest amendment 26-0 through 26-1

26.11(c); 26.47(a), (c), (d).

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