

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

*Number* ST02907CH

*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 ECS EZMount™ mechanical mounting assemblies in accordance with Electronic Cable Specialists Master Data List ECS-209135, Revision F, dated December 2, 2010, 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 Airplane Flight Manual Supplement as listed in Appendix A of Electronic Cable Specialists Master Data List ECS-209135, Revision F, dated December 2, 2010, or later FAA approved revision, is required on board the modified aircraft.
- 3) The equipment for which these provisions are intended has not been certified. Additional FAA approval is required for the installation of this equipment and must be evaluated to assure satisfactory compliance with applicable airworthiness standards.
- 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 :* July 19, 2010

*Date reissued :*

*Date of issuance :* December 06, 2010

*Date amended :*



*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* ST02907CH

*Date of issuance* : December 06, 2010

*Certification Basis:*

The certification basis for the changed Boeing 747-400 Series, 747-400D Series, 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, 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, July 19, 2010, 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**

25.301(a), (b); 25.303; 25.305(a), (b); 25.307(a); 25.561(c); 25.562(c)(5); 25.601; 25.603; 25.605(a); 25.609(a), (b); 25.611; 25.613(a), (b); 25.619; 25.625(a); 25.771(a); 25.773(a)(1); 25.777(a); 25.785(d)(1); 25.789(a); 25.803(c); 25.853(a); 25.1301(a), (b), (c); 25.1309(a); 25.1353(a),(b),(d); 25.1447(c)(2)(i); 25.1529; 25.1541(a)(1), (b)(1), (b)(2); 25.1581(a), (b); 25.1585(a).

**Regulations at the latest amendment 26-0 through 26-3**

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 date of this STC, compliance has been found for the following regulations:

14 CFR § 26.11(c) and

14 CFR §26.47. This modification does not affect or create fatigue critical structure.

-----END-----