

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

Number ST02708CH

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: A22WE
Make: McDonnell Douglas
Model: MD-11 & MD-11F

Description of Type Design Change:

Installation of EZMount™ Arm mechanical mounting assemblies on lower frame of cockpit sliding windows in accordance with Electronic Cable Specialists Master Data List ECS-207476, Revision A, dated March 4, 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 Airplane Flight Manual Supplement as listed in Appendix A of Electronic Cable Specialists Master Data List ECS-207476, Revision A, dated March 4, 2009, or later FAA approved revision, is required on board the modified aircraft.
- 3) This modification 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, 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: November 21, 2008

Date reissued:

Date of issuance: March 20, 2009

Date amended:



By direction of the Administrator

(Signature)

Charles L. Smalley
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 ST02708CH

Date of issuance : March 20, 2009

Certification Basis:

The certification basis for the changed McDonnell Douglas MD-11 and MD-11F aircraft as described in this certificate is as follows:

- a. The type certification basis for the McDonnell Douglas MD-11 and MD-11F aircraft is shown on TCDS A22WE 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, November 21, 2008, is shown on TCDS A22WE. 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; 25.611; 25.613(a), (b); 25.625(a); 25.771(a); 25.773(a)(1); 25.777(a); 25.789(a); 25.803(c); 25.853(a); 25.1301(a), (b), (c); 25.1529; 25.1541; 25.1581(a), (b); 25.1585(a).

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

26.11(a), (d)(5); 26.47.

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