

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

Number ST02117CH

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 Type Certificate Data Sheet A22WE for complete certification basis.)

Original Product -- Type Certificate Number : A22WE
Make : McDonnell Douglas
Model : MD-11; MD-11F
DC-10-10; DC-10-15; DC-10-30; DC-10-40
DC-10-10F; DC-10-30F; DC-10-40F

Description of Type Design Change:

Installation of Honeywell Enhanced Ground Proximity Warning System and GPS antenna structural provisions in accordance with Electronic Cable Specialists Master Data List ECS-202108, Revision L, dated March 27, 2006, 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-202108, Revision L, dated March 27, 2006, or later FAA approved revision, is required on board the modified aircraft.
- 3) Instructions for Continued Airworthiness, Electronic Cable Specialists Doc. No. ECS-202119, Revision B, approved May 30, 2006, or later FAA approved revision, is required for this modification.
- 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 : June 4, 2004

Date reissued :

Date of issuance : March 9, 2005

Date amended : May 30, 2006



By direction of the Administrator

(Signature)

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

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.