

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

*Number* ST00984CH

*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.*

*Original Product -- Type Certificate Number :* A6WE  
*Make :* McDonnell Douglas  
*Model :* DC-9-11, -12, -13, -14, -15, -15F, DC-9-21,  
DC-9-31, -32, -32F, -33F, -34, -34F,  
DC-9-41, DC-9-51, DC-9-81, -82, -83, -87

*Description of Type Design Change:*

Installation of dual Rockwell Collins FPI-955 Electronic Horizontal Situation Indicators (EHSI) in accordance with Electronic Cable Specialists Master Data List ECS-980217, Revision H, dated March 23, 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) Airplane Flight Manual Supplement, Electronic Cable Specialists Doc. No. ECS-980324, Revision N/C, approved January 25, 1999, or later FAA approved revision is required on aircraft modified in accordance with Configuration 1 of Electronic Cable Specialists Master Data List ECS-980217, Revision H, dated March 23, 2006, or later FAA approved revision.
- 3) Airplane Flight Manual Supplement, Electronic Cable Specialists Doc. No. ECS-990173, Revision N/C, approved August 3, 1999, or later FAA approved revision is required on aircraft modified in accordance with Configuration 2 of Electronic Cable Specialists Master Data List ECS-980217, Revision H, dated March 23, 2006, or later FAA approved revision.
- 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 01, 1998

*Date reissued :*

*Date of issuance :* January 25, 1999

*Date amended :* March 30, 2006



*By direction of the Administrator*

(Signature)

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

(Title)