

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

*Number* ST01694AT

*This certificate issued to* L3 Communications/Aviation Recorders  
6000 Fruitville Road  
Sarasota, FL 34232

*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 :* A22WE  
*Make :* McDonnell Douglas  
*Model :* DC-10 Series

*Description of Type Design Change:* Installation of additional sensors and associated wiring for recording additional parameters on the Digital Flight Data Recorder (DFDR) as required by CFR 121.344 (c) and (d). This installation may include replacement of the DFDR with one capable of recording these additional parameters. Installation shall be in accordance with L-3 Communications Report No. FSE 98-06-27, Rev. D, dated 9/27/06, or later FAA approved revisions.

*Limitations and Conditions:* The aircraft must be equipped with a Flight Data Acquisition Unit (FDAU) that is already connected or can connect to and read the additional sensors; the compatible FDAU models are listed in L-3 Communications Report No. FSE 98-06-27, Rev. D, dated 9/27/06, or later FAA approved revisions. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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 24, 1998

*Date reissued :* July 8, 2003

*Date of issuance :* August 20, 1998

*Date amended :* October 19, 2006



*By direction of the Administrator*

(Signature)

Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office

(Title)