

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

Number ST03489AT

This certificate issued to

L-3 Communications Aviation Recorders
6000 Fruitville Road
Sarasota, FL 34232-6414

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: MD-11 Series

Description of Type Design Change: Installation of L-3 Communications Solid State Flight data Recorder (SSFDR) Model FA2100 (any of the following part numbers: 2100-4042-00, 2100-4043-00, 2100-4043-02, or 2100-4044-00) as a replacement for the existing Tape based FDR P/N 980-4100DXUS (or equivalent FDR installed per ARINC 573 / 717). The FA2100 SSFDR is fully compatible with the existing Flight Data Acquisition Unit (FDAU), and will fit in the existing FDR tray. This installation will be per L-3 Communication Aviation Recorders Master Drawing List document number 905-E4486-20, Rev-B, dated June 27, 2007, or later approved FAA revisions.

Limitations and Conditions: "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: November 21, 2006

Date reissued:

Date of issuance: September 07, 2007

Date amended:



By direction of the Administrator

(Signature)

Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office

(Title)