

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

Number ST01513AT

This certificate issued to:

NAVAIRSYSCOM
46990 Hinkle Circle, Building 419
Patuxent River, Maryland 20670

certifies that the change in the type design for the following product with the limitations and conditions therefore 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-9-30 Series

Description of Type Design Change: Installation of Dual Universal UNS-1D Flight Management System (FMS) with GPS and Phase I Avionics Upgrades in accordance with Lockheed Martin Aircraft Center Document Number C9B-97-018, Revision H, dated October 23, 1997, or later FAA Approved Revision. Installation of Universal UNS-1Fw FMS upgrade in accordance with L-3 Communications Master Data List Document Number A46PM4180, Revision D, dated February 26, 2009, or later FAA Approved Revision.

Limitations and Conditions:

1. Airplane Flight Manual Supplement, dated November 24, 1997 or later FAA Approved Revision is a required part of this STC for the UNS-1D FMS installation.
(See continuation sheet 3 of 3 for additional limitations)

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: March 07, 1997

Date of issuance: November 24, 1997

Date reissued: November 26, 2007; October 01, 2008; March 4, 2011

Date amended: March 6, 2009



By direction of the Administrator
Ronald K. Rathgeber
(Signature)

Ronald K. Rathgeber
Manager
Military Certification Office
(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental type certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transfer) _____
(Number and street)

(City, State, and Zip code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and Zip code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

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(Continuation Sheet)

Number ST01513AT

Limitations and Conditions:

2. Airplane Flight Manual Supplement, Document Number A46PM4182, Revision IR, dated March 6, 2009 and Instructions for Continued Airworthiness, Document Number A46DM4165, Revision IR, dated October 9, 2008 or later FAA Approved Revisions are a required part of this STC for the UNS-1Fw FMS installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.
4. If the certificate holder agrees to permit another person to use this certificate to alter a product, the holder shall give the other person written evidence of that permission.

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