

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

Number ST02096SE

This certificate, issued to:

**OLYMPIC AERO SERVICES, INC.
3245 75th AVE SE
OLYMPIA, WA 98501**

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 Corp
Model: DC-9-87 (MD-87), Serial Number 49670

Description of the Type Design Change: Installation of Olympic Aero Services Transient Suppression Devices on aircraft equipped with auxiliary fuel system under STC ST00523NY. A Transient Suppression Device is an electrical energy limiting device for prevention of ignition sources by precluding electrical transients from entering the fuel tanks.

This STC shall be installed in accordance with Olympic Aero Services, Inc. Master Drawing List OAS-532-MDL, Rev. K, dated November 1, 2010, or later FAA approved revisions, and must be maintained in accordance with the Instructions for Continued Airworthiness document OAS-532-25.1529, Rev. C, dated November 8, 2010 or later FAA approved revisions. The certification basis for this STC includes 14 CFR § 25.981(a)(d) amendment 25-125 (fuel tank ignition prevention); 25.1316 amendment 25-80 (System Lightning Protection); 25.1317 amendment 25-122 (High Intensity Radiated Fields) and; 26.11(c) amendment 26-0 (Electrical Wiring Interconnection System Maintenance Program).

Limitations and Conditions: This STC applies only to the model listed above equipped with auxiliary fuel system under STC ST00523NY. A copy of this STC must be included in the permanent records of the modified aircraft. You are required to maintain an updated file related to this STC. This STC may be used as the basis for requesting an alternate means of compliance (AMOC) to AD 2008-22-01. 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. (See continuation page 2 for further Limitations and Conditions).

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: September 29, 2009

Date reissued:

Date of issuance: December 7, 2010

Date amended:



By direction of the Administrator

A handwritten signature in blue ink, appearing to be "D. J. [unclear]".

(Signature)

Manager, Seattle 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.

This certificate may be transferred in accordance with FAR 21.47.

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Number **ST02096SE**

Olympic Aero Services, Inc.

Issued: September 29, 2009

Reissued: December 7, 2010

Amended:

Limitations and Conditions continued:

The certification basis for the McDonnell Douglas Model DC-9-87 (MD-87) series airplanes is in accordance with Type Certificate Data Sheet A6WE Revision 26 Dated November 2, 2001.

This STC complies with the following additional regulations:

- 14 CFR § 25.981(a)(d) amendment 25-125 (fuel tank ignition prevention)
- 14 CFR § 25.1316 amendment 25-80 (System Lightning Protection)
- 14 CFR § 25.1317 amendment 25-122 (High Intensity Radiated Fields).
- 14 CFR § 26.11(c) amendment 26-0 (Electrical Wiring Interconnection System Maintenance Program)

-END-

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

This certificate may be transferred in accordance with FAR 21.47.