

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

Number ST02532LA

This Certificate issued to Aviation Devices & Electronic Components, L.L.C.
3215 W. Loop 820 S
Fort Worth, TX 76116

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 Code of Federal Regulations.*

Original Product Type Certificate Number: A6WE

Make Boeing

Model DC-9-81, DC-9-82, DC-9-83, DC-9-87, MD-88,
MD-90-30, 717-200

Description of Type Design Change: Modify the wing fuel tanks access cover installation by replacing the existing rubstrip and seal with a new encapsulated wire mesh gasket and a new seal in accordance with Master Data List, K3176-MDL, Revision A, dated December 8, 2008, or later DAS-700094-SW approved revision.

Limitations and Conditions: This approval should not be incorporated in any aircraft of this specific model until compatibility of this modification with previously approved modifications has been determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission. (Limitations and Conditions continued on Page 3).

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: December 30, 2014

Date reissued: January 8, 2016

Date of issuance: March 2, 2015

Date amended: August 27, 2015

By direction of the Administrator



(Signature)
Manager, Propulsion Branch
Los Angeles 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.

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 Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(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)*: _____

Supplemental Type Certificate

(Continuation Sheet)

Number ST02532LA

Limitations and Conditions (Continued): The Instructions for Continued Airworthiness, Document Number K3176-ICA, Revision A, dated October 10, 2008, or later FAA AEG accepted revision shall be made available to the operator at the time of installation. The aircraft shall be maintained in accordance with the Instructions for Continued Airworthiness.

Certification Basis: Based on 14 CFR 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for the Boeing Model series aircraft for the change are as follows:

- a. The Type Certification basis for Boeing model DC-9-81, DC-9-82, DC-9-83, DC-9-87, MD-88, MD-90-30, 717-200 series airplanes are shown on TCDS A6WE for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application December 30, 2014, is based upon Part 25, as amended by Amendment 25-117. Based on 14 CFR 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for this modification were determined to be as follows:

Regulations at the latest amendment 25-0 through 25.117, §§ 25.21.a.1, 25.29, 25.581.a, b, 25.601, 25.603, 25.609.a, 25.954.a, b, 25.965.a, 25.981.a.3, 25.1301, 25.1309.a, 25.1529

Regulations at an intermediate amendment – none

Regulations at the amendment level in TCDS A6WE – none

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