

# Supplemental Type Certificate

*Number* ST02321LA

*This Certificate issued to* NASCO Aircraft Brake, Inc.  
13300 Estrella Avenue  
Gardena, CA 90248

*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

\* SEE PAGE 3

Make : McDonnell Douglas

Model : DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83  
(MD-83), DC-9-87 (MD-87) and MD-88

*Description of Type Design Change:* Installation and Replacement of Brake Components in accordance with NASCO Configuration Control, Drawing Number NCC010, Revision NC, dated September 30, 2010, or later FAA approved revision.

*Limitations and Conditions:* The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

(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:* March 24, 2008

*Date reissued:*

*Date of issuance:* October 25, 2010

*Dates amended:*



*By direction of the Administrator*

*[Handwritten Signature]*  
\_\_\_\_\_  
(Signature)

Manager, Cabin Safety/Mechanical &  
Environmental Systems 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.*

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST02321LA

*Limitations and Conditions:* (continued):

The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft.

Instructions for Continued Airworthiness, NASCO Component Maintenance Manual (CMM) Document No. CMM MD8001 Revision IR, dated September 29, 2010, or later FAA accepted revision must be made available to the operator at the time of installation.

## **Certification Basis:**

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for not significant changes in FAA Order 8110-48, the certification basis for the installation of Installation and Replacement of Brake Components on the McDonnell Douglas DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87) and MD-88 is as follows:

- a. The Type Certification Basis for McDonnell Douglas DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87) and MD-88 aircraft is 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, March 24, 2008, is based upon part 25 as amended by Amendment 25-125. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

**Regulations at the latest amendment 25-0 through 25-125**  
Section 26.11

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.

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