

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

Number ST01181LA

This Certificate issued to Structural Integrity Engineering
9509 Vassar Avenue
Chatsworth, California 91311

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 4b of the Civil Air Regulations.*

*Certification basis is set forth in Type Certificate Data Sheet 4A25.

Original Product Type Certificate Number : 4A25

Make : McDonnell Douglas

Model : DC-8-55, DC-8-61, DC-8-62, DC-8-63, DC-8-71,
DC-8-73

Description of Type Design Change: Installation of modifications to the 9-G rigid barrier, cargo door surround structure and other attendant modifications in accordance with FAA Approved Master Drawing List SIE 45-1000, Revision F, dated May 11, 2001, or later FAA Approved Revisions. Structural Integrity Engineering FAA Weight and Balance Supplement, SIE 45-605 Revision IR, dated July 3, 2001, or later FAA approved revisions, and Supplemental Structural Inspection Document, SIE 45-610 Revision IR, dated July 9, 2001, or later FAA approved revisions are required as part of this modification.

Limitations and Conditions: The installation may only be incorporated on aircraft that have been modified by STC SA1802SO or SA421NW. Supplemental Structural Inspection Document, SIE 45-610 Revision IR, dated July 9, 2001, must be incorporated in the aircraft's maintenance instructions.

(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 : April 7, 2000

Date reissued : December 29, 2003

Date of issuance : July 16, 2001

Date amended :



By direction of the Administrator

(Signature)

Manager, Technical & Administrative Support
Staff, 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.

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(Continuation Sheet)

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Limitations and Conditions (Continued): 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. The approval of this modification applies to the above noted airplane model series only. 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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