

Supplemental Type Certificate

Number SA5455NM

This Certificate issued to Topeka Management, Inc.
2850 North Clybourn Avenue
Burbank, California 91505

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.

Original Product Type Certificate Number: 4A25

Make: McDonnell Douglas

Model: DC-8-62, -62F, -63, and -63F

Description of Type Design Change. Modification of the aircraft by installation of Noise Reduction Nacelles in accordance with Burbank Aeronautical Corp. II Master Drawing List (MDL) Document No. DC8-30000 Revision "B" dated 7/19/91, or later FAA approved revision. FAA approved Airplane Flight Manual Supplements DC8-TM-301, Revision N/C dated August 5, 1991, or later FAA approved revision, and DC8-TM-302 Revision N/C dated August 5, 1991, or later FAA approved revision are required as part of this installation.

Limitations and Conditions. The approval of this change in type design applies to the above listed aircraft models only. Except for the limitation listed herein, this approval should not be extended to aircraft of these models that incorporate any other previously approved modifications unless it is determined that the interrelationship between this change and any other modification will introduce no adverse effect on the airworthiness of these aircraft. 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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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: July 31, 1989

Date reissued: March 5, 1998; August 28, 2002

Date of issuance: August 15, 1991

Date amended: Mar. 19, 1993; Dec. 10, 1993; Jan 6, 1995; Mar. 30, 1995



By direction of the Administrator

(Signature)
Acting 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.

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

NOTE:

DO NOT DELETE THIS PAGE.

DO NOT ADD ANY DATA TO THIS PAGE.

THIS PAGE IS FOR PAGE NUMBERING PURPOSES,
PLEASE DISCARD PRINTED COPY.

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Supplemental Type Certificate

(Continuation Sheet)

Number SA5455NM

- (A) 07/31/89
- (I) 08/15/91
- (A) 03/19/93, 12/10/93, 01/06/95, 03/30/95
- (R) 03/05/98, 08/28/02

Limitations and Conditions (Continued)

A copy of this STC must be included in the permanent records of the modified aircraft. All Limitations and Conditions shown on the Type Certificate Data Sheet No. 4A25, Revision 31 or later revisions for the Douglas Model DC-8-62, -62F, -63, and -63F airplanes remain applicable. The following list contains those limitations and conditions which have been modified and certain unmodified ones which are listed for applicability.

1. Model Applicability: Only model DC-8-62, -62F, -63, and -63F airplanes which have been previously modified in accordance with Aeronautical Development Corp. STC SA2494NM (to amendment dated December 24, 1985, or later).
2. Engines: Only Pratt and Whitney turbofan JT3D-3B and JT3D-7 engines are eligible for this modification.
3. Engine and Airplane Limits: See Type Certificate Data Sheet 4A25 and the applicable Airplane Flight Manual Supplement.
4. Engine Intermix: Intermix of JT3D-3B and JT3D-7 engines is permitted with the operation of the aircraft in accordance to the applicable Airplane Flight Manual Supplement.
5. Nacelle Intermix: No intermix of non-acoustically treated nacelle inlets, nose domes, and fan ducts is permitted.
6. Maximum Weight: See Type Certificate Data Sheet 4A25 and the applicable Airplane Flight Manual Supplement.

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Limitations and Conditions (Continued)

- 7. Maximum Speeds: See Type Certificate Data Sheet 4A25 and the applicable Airplane Flight Manual Supplement.
- 8. Noise Compliance: FAR Part 36, Stage 3.
- 9. Supplemental Inspection: A Revision to the FAA-Approved Maintenance Inspection Program must be incorporated to include those inspections and reporting requirements as prescribed in the BAC II Report DC8-TM-305, dated May 1, 1991, in addition to those mandated by DC-8 AD 87-14-06.
- 10. Special Limitation: Whenever G. S. Rasmussen STC SA2497NM is installed in combination with this STC, the airspeed instruments specified by STC SA2497NM with a lower maximum airspeed limit of 315 KIAS must be installed.
- 11. Barry Controls Part Number 96013-1 Cone Bolt is a serial numbered, controlled, life limited component. This cone bolt must be removed from service after no more than 9,400 flight cycles.

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