

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

Number ST01363AT

This certificate, issued to Aircraft Modification Design Services, Inc.
8960 Ridgmont Drive
Atlanta, Georgia 30350

Added Notes at Surrender:

1. Future unsafe conditions existing in the product can result in an airworthiness directive requiring correction of the unsafe condition before further flight. If there is no entity to comply with 14 CFR 21.99(a), Required design changes, the existence of an unsafe condition might result in permanently grounding of the aircraft.
2. Replacement parts might not be available in the future.

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, S/N 45925 only

STC Surrender processed:

Approval by: *Melvin Taylor*

Melvin Taylor, ATL ACO Manager

Date: 12/1/2009

Description of Type Design Change: Increase in aircraft operating weights (Maximum Landing Weight - 250,000 lbs., Maximum Takeoff Weight - 342,000 lbs., Maximum Zero Fuel Weight - 230,000 lbs.) in accordance with Aircraft Modification Design Services, Inc. Top Drawing AMD-17-1000, Revision "B", dated December 24, 1996, or later FAA approved revisions

Limitations and Conditions: STC SA5455NM is required to meet the noise requirements of FAR 36. This approval is limited to aircraft S/N 45925. FAA Approved Airplane Flight Manual Supplement (Report AMD-17-701), dated May 14, 1997, or later FAA approved revisions, is a required part of this STC. Structural Inspection Document (SID) Supplement, Report No. AMD-17-721, dated December 15, or later FAA approved revision, is a required part of this STC. Compatibility of this design change with previously approved modifications must be determined by the installer.

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 18, 1995

Date reissued:

Date of issuance: May 14, 1997

Date amended: November 28, 1997,
December 15, 1998



By direction of the Administrator

Paul C. Schoyers
FOR Paul C. Schoyers (Signature)
Associate Manager, ACE-117A

Atlanta 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.