

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA8106SW

SA0448AC-T
RMR-150

This Certificate issued to The Dee Howard Co.
P. O. Box 469001
San Antonio, TX 78246

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. See STC Certification Basis for additional requirements

Original Product Type Certificate Number : 4A25

Make : McDonnell Douglas

Model : DC-8-71; DC-8-71F; DC-8-73; DC-8-73F

Description of Type Design Change: Installation of Collins Dual-86U EFIS, Collins Dual Air Data ADC-85, Autopilot Flight Director-Collins APS-85, LTN-92 INS, Sundstrand Mark VII GPWS (Windshear disabled), also including 3-axis flight control system, pitch rate cutout, and other modifications per Dee Howard Master Drawing List 000 "UPS DC-8 Cockpit Modernization Modification dated 4/22/96 or later FAA approved revision.

Limitations and Conditions: Maintainability of the High Intensity Radiated Field (HIRF) protection must be assured for the critical systems in accordance with DHC Report No. R114-27, Revision D, dated May 5, 1992, of later FAA approved revision. For the DC-8-71/71F, FAA approved Airplane Flight Manual Supplement (AFMS) dated March 4, 1992, or later FAA approved revision is required. For the DC-8-73/73F, FAA approved Airplane Flight Manual Supplement (AFMS) dated May 29, 1992, or later FAA approved revision is required. Compatibility of this modification with previously installed equipment must be determined by 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 : February 02, 1990

Date reissued :

Date of issuance : September 13, 1991

Date amended : 3/05/92, 5/29/92, 11/26/96



By direction of the Administrator

Michele Owsley
(Signature)

Michele Owsley
Airplane Certification Office
Southwest

(Title)

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)*: _____