

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

*Number* ST01631CH

*This certificate issued to*  
National Aircraft Service Inc.  
9133 Tecumseh-Clinton Road  
Tecumseh, MI 49286

*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 Type Certificate Data Sheet 4A25 for complete Certification Basis).*

*Original Product - Type Certificate Number:* 4A25  
*Make:* McDonnell Douglas  
*Model:* DC-8-33, -41, -42, -43, -51, -52, -53, -55,  
-61-, -62, -63, -71, -72, -and -73

*Description of Type Design Change:*

Install National Aircraft Service, Inc. Vent Door in a main cabin window of DC-8 airplanes modified with a Cargo Door per STC SA1832SO in accordance with National Aircraft Service, Inc. Drawing List MN-DL9, Rev. C, dated April 8, 2002; and Installation Manual MN-DC8-9, Rev. A, dated April 7, 2002, or later FAA-Approved revision.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. National Aircraft Service, Inc., Airplane Flight Manual Supplement, MN-ER-0-7, No Rev., FAA-Approved, April 25, 2002 or later FAA-Approved revision is required.
3. Airplanes modified pursuant to this certificate must be maintained in accordance with National Aircraft Service, Inc. Maintenance Manual Supplement, MN-DC8-MMO, Rev. A, dated November 15, 2000, or later FAA-Accepted revision.
4. 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.

*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 13, 1999

*Date reissued:*

*Date of issuance:* April 25, 2002

*Date amended:*



*By direction of the Administrator*

*Joseph H. McGarvey*  
(Signature)

Joseph H. McGarvey  
Program Manager, Airframe and Administrative Branch  
Chicago 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.