

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

*Number* ST01253CH

*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.*

*Original Product - Type Certificate Number :* 4A25

*Make :* McDonnell Douglas

*Model :* DC-8-31 ; DC-8-32 ; DC-8-33 ; DC-8-41 ; DC-8-42 ; DC-8-43 ;  
DC-8-51 ; DC-8-52 ; DC-8-53 ; DC-8-55 ; DC-8-61 ; DC-8-61F ;  
DC-8-62 ; DC-8-62F ; DC-8-63 ; DC-8-63F ; DC-8F-54, DC-8F-55

*Description of Type Design Change:* Installation of a Pneumatic Air Cycle System in accordance with National Air Craft Service Inc. Installation Master Data List, PS-MDL-9-6, Rev. C, dated June 23, 2000, 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. FAA Approved Airplane Maintenance Manual Supplement PS-MMS-9-5, Rev. A, FAA Approved July 3, 2000, or later FAA Approved Revision is a required part of this STC.
3. FAA Approved Airplane Flight Manual Supplement PS-AFM-9-7, Rev. A, FAA Approved July 12, 2000, or later FAA Approved Revision is a required part of this STC.
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 :* September 17, 1999

*Date reissued :*

*Date of issuance :* July 12, 2000

*Date amended :*



*By direction of the Administrator*

FOR

*Charles L. Smalley*  
\_\_\_\_\_  
(Signature)

Charles L. Smalley  
Manager, Systems & Flight Test 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.