

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

Number ST01791CH

This certificate issued to National Aircraft Service, Inc.
9133 Techumseh-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 Number 4A25 for the complete certification basis).

Original Product -- Type Certificate Number : 4A25

Make: McDonnell Douglas

Model: 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-8-71, DC-8-71F, DC-8-72, DC-8-72F, DC-8-73, DC-8-73F

Description of Type Design Change:

Install reinforced flightdeck door and venting system as defined in Drawing List FDS-DL16, Revision G, dated February 10, 2003, or later FAA approved revisions, in accordance with Cockpit Door System Installation Manual FDS-16, Revision C, dated March 4, 2003, or later FAA approved revisions.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. If the installer 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.

(See continuation sheet 3 of 3)

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 26, 2002

Date reissued:

Date of issuance: March 7, 2003

Date amended: May 27, 2004



By direction of the Administrator

Royace H. Prather
(Signature)

Royace H. Prather
Manager,
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.

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(Continuation Sheet)

Number ST01791CH

Date Amended: May 27, 2004

Limitations and Conditions (Continued):

3. This flightdeck door modification has not been shown to provide smoke penetration and evacuation protection as required by 14 CFR 25.381 or CAR 4b.371. An FAA approved smoke barrier/curtain, installed behind the flightdeck bulkhead and in front of the cargo compartment, is required as part of the airplane type certificate approval or by a separate STC approval when installed on an aircraft equipped with an FAA approved Class E, or other FAA approved, main deck cargo compartment.
4. This flightdeck door installation has been shown to meet the heat release and smoke emissions requirements of 14 CFR 25.853 (d).
5. The National Aircraft Service, Inc Airplane Flight Manual Supplement Number FDS-16-AFM, FAA Approved on March 7, 2003, or later FAA Approved Revisions, is required with this modification.
6. When this STC is installed on cargo aircraft, the airplane must be equipped with either an FAA approved Class E cargo compartment, or with any other FAA approved cargo compartment that is installed between the cockpit and any passenger compartment.

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