

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

Number SA1033NW

(This is a duplicate to replace the original which was lost. Issued 10/26/92)

This certificate, issued to Flight Structures Incorporated

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: 6A3
Make: McDonnell Douglas
Model: DC-6A, S/N 44071

Description of Type Design Change: Installation of a bulk liquid cargo tank system in accordance with FAA sealed Flight Structures, Inc. Drawing List 80FS024D3

TYPES OF MATERIALS TO BE CARRIED
WERE NOT CONSIDERED IN THE EVALUATION

Limitations and Conditions: A fire/smoke detector is not required for this installation since the cargo is limited to that carried in the tanks. Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to installation in McDonnell Douglas DC-6A, S/N 44071. Airplane shall be loaded and system operated in accordance with Flight Structures Inc. Document 80FS024D2. A copy of this certificate and Addendum No. SA1033NW shall be maintained as a part of the permanent records for the modified aircraft. (See Continuation Sheet 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: 9/23/80

Date reissued:

Date of issuance: 10/10/80

Date amended:



By direction of the Administrator

BR Gilles
(Signature)

Assistant Manager, Seattle
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.

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SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1033NW

The conditions and limitations of Type Certificate Data Sheet No. 6A3 apply except as follows:

This STC Addendum, which is part of Supplemental Type Certificate No. SA1033NW prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations. A copy of this STC Addendum is required to be maintained as part of the modified aircraft's permanent records.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: FLIGHT STRUCTURES, INC.

The following placards are required:

1. On each of the eight tanks on the inboard side in full view of the loadmaster when operating the loading unit:

MAX. NET PAYLOAD IN LBS. 3725

2. On the rear inboard side of the number three right hand tank (opposite rear door

FILLING SEQUENCE: FRONT, CENTER, REAR DUMPING SEQUENCE: REAR, CENTER, FRONT ALL VALVES CLOSED IN FLT
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3. On the inboard side approximately in the middle of the number three right hand tank:

DO NOT EXCEED AIRPLANE'S WT. & BALANCE LIMITS

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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ADDENDUM *Number* SA1033NW

SUPPLEMENTAL TYPE CERTIFICATE NO. SA1033NW (Continued)

4. On the front inboard side of the number three right hand tank:

CARGO, OTHER THAN THAT CARRIED IN THE TANKS,
IS PROHIBITED IN THIS COMPARTMENT

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA FORM 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.

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