

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

Number SA326NW ✓

This certificate, issued to PACIFIC ALASKA AIRLINES

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, Serial Numbers 44064, 44675(C-118A), and 45373

Description of Type Design Change:

Installation of a bulk liquid cargo tank system in accordance with FAA sealed Sorm Industries Drawing SI-8000 and Sorm Industries Report SI-800.

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/Ns 44064, 44675(C-118A), and 45373. A copy of this Certificate and Addendum No. SA326NW shall be maintained as 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: June 24, 1976

Date issued:

Date of issuance: July 21, 1976

Date amended: December 16, 1976; April 24, 1978



By direction of the Administrator
Charles C. Schroeder
(Signature)

Chief, Engineering and Manufacturing Branch
(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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SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA326NW

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

This STC Addendum, which is a part of Supplemental Type Certificate No. SA326NW 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: PACIFIC ALASKA AIRLINES

The following placards are required:

1. On each tank (six total) in full view of the loadmaster when operating the loading unit:

Left and right hand forward tanks

MAX. NET PAYLOAD IN LBS.
5713

Left hand center tank

MAX. NET PAYLOAD IN LBS.
5676

Right hand center tank

MAX. NET PAYLOAD IN LBS.
5691

Left hand rear tank

MAX. NET PAYLOAD IN LBS.
3768

Right hand rear tank

MAX. NET PAYLOAD IN LBS.
5695

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2. On the inboard end of the right hand rear tank:

FILLING SEQUENCE: FRONT, CENTER, REAR
DUMPING SEQUENCE: REAR, CENTER, FRONT
ALL VALVES CLOSED IN FLT

3. In the main deck compartment on both sides of forward bulkhead and on the rear bulkhead with letters at least one inch high:

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

-END-

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