

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

Number SA780NW

This certificate, issued to Kenmore Air Harbor, Inc.

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 3 of the Civil Air Regulations, effective May 15, 1956, as amended by 3-1 through 3-5.

Original Product — Type Certificate Number: 3A24
Make: Cessna
Model: A185F

Description of Type Design Change: Installation of Edo 628-2960 seaplane floats on aircraft equipped with Cessna Cargo Pod (P/N 0700062-43).

NOTE: This installation must include a Cessna ventral fin (P/N 0712764-2) and a Cessna non-linear rudder centering system.

Limitations and Conditions: Approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Addendum No. SA780NW shall be maintained as part of the permanent records for the modified aircraft.

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: May 22, 1979

Date issued:

Date of issuance: June 1, 1979

Date amended:



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.

This certificate may be transferred in accordance with FAR 21.47.

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

June 1, 1979 *Number* SA780NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA780NW

The conditions and limitations of the original specifications apply except as follows:

This Addendum, which is part of Supplemental Type Certificate No. SA780NW, prescribes the conditions and limitations under which the STC was issued and meets the airworthiness requirements of Civil Air Regulations Part 3. A copy of this Addendum shall be maintained as part of the modified aircraft permanent records.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Kenmore Air Harbor, Inc.

I. CESSNA A185F, 6PCL (SEAPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA780NW

Required Equipment: In addition to the required equipment specified by T.C. Data Sheet 3A24, the following items are required:

1. Cessna Cargo Pod (P/N 0700062-43)
2. Cessna Ventral Fin (P/N 0712764-2)
3. Rudder - non - linear centerline spring
(Cessna Drawing No. 0742018-1 and -2)
4. Placard - Cessna (P/N 0705049-3)
5. Placard - Cessna (P/N 1400019-64)

Placards: The following placards must be displayed as indicated:

1. Flight Operation With a Cargo Pack:

THE CLIMB PERFORMANCE OF THE AIRCRAFT EQUIPPED WITH A CARGO PACK IS APPROX- IMATELY 140 FT/MIN LESS THAN THAT SHOWN IN THE MAXIMUM RATE-OF-CLIMB DATA TABLE FOR THE A185F FLOATPLANE
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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

June 1, 1979

Addendum SA780NW

Placards (continued): 2. ADF

THE ADF BEARING ACCURACY MAY BE
ADVERSELY AFFECTED BY THE TYPE
AND/OR ARRANGEMENT OF THE CARGO
PAC CONTENTS (CESSNA P/N 0705049-3)

Performance:

To obtain speed performance for the airplane equipped with the cargo pod, the speed differentials shown in the table below should be subtracted from the KTAS figures shown in the Cruise Performance charts for the standard floatplane:

SPEED DIFFERENTIAL TABLE

<u>% BHP</u>	<u>SPEED DIFFERENTIAL (KTS)</u>
75	-6
65	-7
55	-8
45	-8

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