United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA398NW

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 10 *of the* Civil Air *Regulations* equivalent to Part 3 of the Civil Air Regulations, November 13, 1945.

Original Product — Type Certificate Number: A-806
Make: DeHavilland
Model: DHC-2 Mk I (Landplane, Skiplane, & Floatplane)

Description of Type Design Change: Installation of Hartzell HC-B3R30-4/R10152-5½ propeller, governor, and spinner (optional) on Pratt and Whitney R-985 series engines in accordance with Kenmore Air Harbor, Inc., Installation Instructions No. K8785, dated December 27, 1976, or later FAA approved revision.

NOTE: No changes are deemed necessary to DeHavilland Flight Manual PSM 1-2-1 as a result of this change.

Limitations and Conditions: Approval of this change in type design applies 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 relationship 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. See Continuation Sheet page 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: December 27, 1976

Date of issuance: January 24, 1977

Date reissued:

Date amended February 14, 1980; August 31, 1992

By direction of the Administrator

_____
(Signature)

Acting Manager, Special Certification Branch
Seattle Aircraft Certification Office
(Title)

FAA Form 8110-2 (10-68)

This certificate may be transferred in accordance with FAR 21.47.

Limitations and Conditions continued:

This approval is also extended to installation on those DHC-2 Mk I airplanes equipped with EDO model 679-4930 seaplane floats installed in accordance with either STC SA1829WE or SA1913WE. A copy of this Certificate and addendum No. SA398NW shall be maintained as part of the permanent records for the modified aircraft.

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA398NW

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

This Addendum, which is part of Supplemental Type Certificate No. SA398NW, prescribes conditions and limitations under which the STC was issued and meets the airworthiness requirements of Civil Air Regulations Part 10 (CAR 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. DEHAVILLAND DHC-2, MK I (L-20A) BEAVER (NORMAL CATEGORY) AS MODIFIED BY STC SA398NW

Engine:	Pratt and Whitney R-985, SB-3 (See Aircraft Specification No. A-806, Item 301, for optional engines.)
Fuel:	80/87 octane minimum grade aviation gasoline.
Engine Limits:	No change from Airplane Flight Manual.

Propeller and Propeller Limits:	Hartzell 3 Blade:
	  Hub Model: HC-B3R30-4
	  Blade Model: R10152-5½
	  Pitch Settings at 30" sta.: 38.1° High; 15° Low

Governor:	Hartzell C-4
Spinner:	Hartzell 836-32SR NOTE: Spinner installation is optional, however, the rear hub portion of the spinner bulkhead must be installed with or without rear plate. Dome mounting skirt must be removed if dome is not installed.

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