

# Supplemental Type Certificate

*Number* SA649NW

*This certificate, issued to* **Kenmore Air Harbor, Inc.  
P.O. Box 82064  
Kenmore, WA 98028**

*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.*

*Original Product—Type Certificate Number:* 5A6  
*Make:* Cessna  
*Model:* 180G, 180H, 180J, and 180K

*Description of the Type Design Change:* Modification to increase gross weight to 3,190 lbs of landplane, or seaplane equipped with EDO 628-2960 floats; OR gross weight increase to 3,100 lbs for amphibian airplanes equipped with EDO 597-2790 amphibious floats in accordance with Kenmore Air Harbor, Inc. Installation Instructions No. K9858, issued August 1, 1978, revised July 5, 1984 and December 1, 2003, or later FAA approved revisions.

*Limitations and Conditions:* Approval of this change applies to the above models only, and should not be extended to other specific models of these airplanes 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. A copy of this Certificate, Continuation Sheet, and Kenmore Air Harbor, Inc. Installation Instruction K9858 must be maintained as part of the permanent records for the modified aircraft.

If the holder 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, 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:* April 5, 1978

*Date reissued:*

*Date of issuance:* August 8, 1978

*Date amended:* August 23, 1978; April 12, 1979;  
July 14, 1984; December 4, 2003;  
December 22, 2003



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Acting 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.

# Supplemental Type Certificate

## (Continuation Sheet)

*Number* **SA649NW**

**Kenmore Air Harbor, Inc.**

Reissued:

Amended: 8/23/78; 4/12/79; 7/14/84; 12/4/03; 12/22/03

*Limitations and Conditions, (cont'd):* The conditions and limitations of the original Type Certificate NO. 1A15 apply except as follows:

1. MODEL 180G, 180H, 180J and 180K 6PCL-SM (NORMAL CATEGORY) AS MODIFIED BY STC SA649NW

C.G. Range:	Floatplane ( <b>EDO 628-2960</b> ) (+40.0) to (+45.0) at 3190 pounds (+36.0) to (+45.0) at 2400 pounds Straight line variation between points given
	Landplane (+41.3) to (+46.5) at 3190 pounds (+33.5) to (+46.5) at 2100 pounds
Maximum Weight:	3190 Pounds
Datum:	Front face of firewall (at bottom)

2. MODEL 180G, 180H, 180J and 180K 6PCL-SM (NORMAL CATEGORY) AS MODIFIED BY STC SA649NW

C.G. Range:	Amphibian ( <b>EDO 597-2790</b> ) (+39.5) to (+45.0) at 3100 pounds (+36.0) to (+45.0) at 2400 pounds or less Straight line variation between points given
Maximum Weight:	3100 Pounds
Datum:	Front face of firewall (at bottom)

NOTE: Current weight and balance report including list of equipment in certified empty weight must be in the aircraft.

- END -

