

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

*Number* SA221NW

*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 November 1, 1949*

*Original Product — Type Certificate Number:* 5A6  
*Make:* Cessna  
*Model:* 180J

*Description of Type Design Change:* Installation of EDO model 249-2870 floats in accordance with EDO Corporation Installation Drawing No. 16775, except when rudder steering cables must be connected to the tailwheel steering bellcranks.

*Limitations and Conditions:* Data pertaining to this modification are considered inadequate for duplication on other aircraft. This approval is limited to the installation on Cessna 180J, Serial Number 18052356 and 18052317, only. A copy of this Certificate and Addendum No. SA221NW 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:* October 6, 1975

*Date issued:*

*Date of issuance:* October 16, 1975

*Date amended:* May 18, 1978; July 22, 1994



*By direction of the Administrator*

*Chris J. ...*  
(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.*

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA221NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA221NW

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

This Addendum, which is part of Supplemental Type Certificate No. SA221NW, prescribes conditions and limitations under which the STC was issued and meets the airworthiness requirements of Civil Air Regulation, Part 3. A copy of this Addendum shall be maintained as part of the permanent records for the modified aircraft.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Kenmore Air Harbor, Inc.

I. CESSNA 180J (SEAPLANE- NORMAL CATEGORY) AS MODIFIED BY STC SA221NW

Serial Number Eligible:	Serial Number 18052356 and 18052317
Airspeed Limits:	Never Exceed - 184 mph(160 knots) Maneuvering - 122 mph (106 knots) Max. structural cruising - 160 mph (139 knots) Flaps extended - 100 mph (87 knots)
Powerplant Instrument Markings:	Same as specified
Maximum Weight:	2820 pounds
C. G. Limits: With EDO 249-2870 Floats:	(+40.2) to (+43.9) at 2820 pounds (+35.0) to (+43.9) at 2125 pounds or less
Placards:	A placard must be installed on the instrument panel in full view of the pilot as follows:

Gross Weight is limited to 2820 pounds when EDO 249-2870 floats are installed. Pilot is responsible for proper loading. (See Weight and Balance Data.)

- END -

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