United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA262NW

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: 180G, 180H, & 180J (Landplane & Floatplane)

Description of Type Design Change: Installation of a McCauley D3A32C90/82NC-2 three-bladed propeller, Cessna 1250909 spinner, governor, and associated systems on a Continental O-470-L, R, & S series engines in accordance with Kenmore Air Harbor, Inc., Installation Instructions No. K1803.

Limitations and Conditions: The approval of this change in type design applies basically to the above models 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 will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Addendum No. SA262NW 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: February 17, 1976

Date of issuance: February 27, 1976

Date reissued:

Date amended:

By direction of the Administrator

D. R. Rigsby

(Signature)

Acting Chief, Engineering and Manufacturing Branch

(Title)

FEDERAL AVIATION ADMINISTRATION

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.

FAA Form 8110-2 (10-68)

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Supplemental Type Certificate

(Continuation Sheet) FEB 2 7 1976

Number SA262NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA262NW

The conditions and limitations of Type Certificate Data Sheet Number 5A6 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA262NW prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations:

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Kenmore Air Harbor, Inc.

I. MODEL 180H and 180J, 6PCL-SM (NORMAL CATEGORY) AS MODIFIED BY STC SA262NW

Engine:	Continental O-470-L, R, & S (Same)
Fuel:	80/87 Octane minimum grade aviation gasoline
Engine Limits:	For all operations, 2600 RPM (230HP)
Propeller and Propeller Limits:	McCauley Model D3A32C90/82NC-2 Diameter: Maximum - 80 inches Minimum - 78 inches Pitch Setting: Low 11.5° High 28.1°
Propeller Governor:	(Per Data Sheet 5A6)
Powerplant Instrument Markings:	Oil Temperature and Pressure: Green ARC 120° to 225°F - normal operating range Yellow ARC 30 to 60 psi - normal operating range Red line 10 psi minimum, 100 psi maximum Tachometer: Green ARC 500 to 2600 rpm - normal operating range Red line 2600 rpm - maximum

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FAA FORM 8110-2-1 (10-69)

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Fuel Flow:
Green ARC 0 to 25 gph - normal operating range
Red line 18.5 psi maximum at sea level

Cylinder Head Temperature:
Green ARC 200 to 460°F - normal operating range
Red line 460°F - maximum

C. G. Range: Landplane (See Data Sheet SA6)

Floatplane - with EDO 249A-2870, and EDO 628-2960 (See Data Sheet 5A6)

Maximum Weight: Landplane: 2800 lb. (See Data Sheet 5A6)

Floatplane: EDO 249A-2870 - 2820 lb. (See Data Sheet 5A6)
EDO 628-2960 - 2950 lb.

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