United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA236NW

This certificate, issued to Louis W. Ott

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*, dated November 1, 1949.

Original Product — Type Certificate Number: 1A6

Make: Piper

Model: PA22-150

Description of Type Design Change: Installation of a Hartzell HC-C2YL-1B/F7663-4 propeller; a Woodward 210452 Governor, with a Lycoming drive adapter; a Piper PA18-150 muffler and heat muff; and a modified firewall in accordance with Louis Ott Photographs 1 through 4 dated September 10, 1975.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication on other aircraft. This approval is limited to the installation in Piper PA22-150, Serial Number 22-5225 only. A copy of this Certificate with Addendum Number SA236NW, and the Louis Ott FAA Approved Airplane Flight Manual Supplement 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: August 27, 1975

Date of issuance: November 7, 1975

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Acting Chief, Engr. & Mfg. Branch, ANW-210

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)

Number SA236NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA236NW

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

This Addendum, which is part of Supplemental Type Certificate No. SA236NW, prescribes 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: Louis W. Ott

PIPER PA22-150 (Landplane - Normal Category)

AS MODIFIED BY STC SA236NW

Engine:	Lycoming O-320
Fuel:	80/87 Octane Minimum Grade Aviation Gasoline
Engine Limits:	Same as specified
Propeller:	Hartzell HC-C2YL-1B/F7663-4
Propeller Limits:	Rating: 210 HP @ 2800 Diameter Limits: 76" - 68" (-0 to -8)
Serial Number Eligible:	Serial Number 22-5225 Only
Air Speed Limits:	Same as specified
Maximum Weight:	Same as specified

Power Plant Instrument Markings: Same as specified

- END -

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

FAA FORM 8110-2 (10-60)

This certificate may be transferred in accordance with FAR 21.47.

FAA AC 72-4135