

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

Number SA1238NW

This certificate, issued to Ronald J. Handerson

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, November 1, 1949, and amendments 3-1 through 3-6, June 4, 1951.

Original Product — Type Certificate Number: 1A6

Make: Piper

Model: PA-22-150

Description of Type Design Change: Installation of a Lycoming O-320-R2A and a Sensenich M74DM61 propeller in accordance with Ronald J. Handerson photographs 1 through 3.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper PA-22-150, Serial Number 22-3351 only. A copy of this Certificate and Addendum No. SA1238NW 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: March 20, 1981

Date reissued:

Date of issuance: May 12, 1981

Date amended:



By direction of the Administrator
Charles C. Schroeder
Signature

Acting Chief, Seattle Area 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.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

May 12, 1981

Number SA1238NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1238NW

The conditions and limitations of Type Certificate Data Sheet Number 1A6 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1238NW, prescribes the conditions and limitations under which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Ronald J. Handerson

PIPER PA-22-150 (4PCLM, NORMAL CATEGORY) AS MODIFIED BY STC SA1238NW

Engine: . Lycoming O-320-B2A
Engine Limits: 160 Hp @ 2700 rpm
Fuel: 91/96 or 100/130 octane aviation gasoline
Propeller: Sensenich M74DM61
Propeller Limits: 165 Hp @ 2800 rpm
Diameter: Maximum 74"
Pitch Setting: 66" to 48"
AVOID CONTINUOUS OPERATION BETWEEN
2150 RPM AND 2250 RPM ON THE GROUND
AND IN FLIGHT.
Placard: Place a red radial line at 2700 rpm and a yellow arc
between 2150 and 2250 rpm on the tachometer.

ALL ELSE IS THE SAME AS TYPE CERTIFICATE DATA SHEET 1A6.

- END -

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