

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

Number SA786NW

This certificate, issued to Edward Murray

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: 1A1
Make: Piper
Model: PA-16

Description of Type Design Change: Installation of a Lycoming O-290-D2 engine, Sensenich M74DM propeller, and associated changes in accordance with Edward Murray photographs 1 through 4.

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-16, Serial Number 16-505 only. A copy of this Certificate and Addendum No. SA786NW 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: May 5, 1978

Date reissued:

Date of issuance: August 24, 1979

Date amended:



By direction of the Administrator
Charles C Schroeder
(Signature)

Chief, Engineering and Manufacturing Branch
(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)

August 24, 1979 *Number* SA786NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA786NW

The conditions and limitations of Type Certificate Data Sheet Number 1A1 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA786NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Edward Murray

I. PIPER PA-16 (LANDPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA786NW

Engine: Lycoming O-290-D2
Engine Limits: 135 Hp @ 2600 rpm, Sea Level
140 Hp @ 2800 rpm, 5 Minutes
Propeller and
Propeller Limits: Sensenich M74DM
165 Hp @ 2800 rpm
Diameter: 74" maximum; 72" minimum
Pitch Range: 66 - 48
No placards
Serial Number Eligible: 16-505 only

All other specifications are the same as Data Sheet Number 1A1.

- END -

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