United States of America

Department of Transportation — Federal Aviation Administration

STC Book

Supplemental Type Certificate

Number SA316NW

This certificate, issued to Carl R. Schwarz

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 4 a *of the* Civil Air *Regulations,* as Amended April 1950.

Original Product — Type Certificate Number: 3A1

Make: Meyers

Model: MAC - 145

Description of Type Design Change: Installation of a Continental IO-360-C engine with a McCauley D2A-34C67/76C-2 propeller in accordance with Carl R. Schwarz photos 1 through 6.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication on other aircraft. This approval is limited to the installation in Meyers 145, Serial Number 216, N551 only. A copy of this Certificate and Addendum Number SA316NW 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 25, 1974

Date of issuance: October 6, 1976

Date reissued:

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.

FAA Form 8110-2 (10-68)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

OCT 6 1976 *Number* SA316NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA316NW

The conditions and limitations of Type Certificate Data Sheet Number 3A1 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA316NW 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: Carl R. Schwarz

I. MEYERS MAC-145 (LANDPLANE, NORMAL CATEGORY) AS MODIFIED BY STC SA316NW

Engine:	Continental IO-360-C
Fuel:	100/130 Octane
Engine Limits:	210 HP @ 2800 rpm full throttle take-off and maximum continuous
	Maximum Temperatures: Cylinder Head Bayonet - 460°F Oil Inlet - 240°F
Fuel Pressure:	8 psi - maximum 2 psi - minimum
Oil Pressure:	30 - 60 psi - normal 10 psi - idle
Propeller:	McCauley D2A34C67/76C-2
Propeller Limits:	225 HP @ 2800 rpm take-off and continuous
Serial Number Eligible:	216
Airspeed Limits:	Same as specified on Aircraft Data Sheet 3A1
Maximum Weight:	1910 pounds
Powerplant Instrument Markings:	Same as specified on Engine Data Sheet E1CE-8

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 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.

C FAA AC 73-2651