United States of America

Department of Transportation Federal Aviation Administration

STC Book

Supplemental Type Certificate

Number SA387NW

This certificate, issued to FRED LUDTKE

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 4a *of the* Civil Air *Regulations.* and 7-A of the Aeronautics Bulletin.

Original Product—Type Certificate Number: A-306

Make: Monocoupe

Model: 90A

Description of Type Design Change: Installation of a Warner Super Scarab series 50A engine and engine mount; fiber glass cowling; 3 inch longer landing gear; a model 90 wing; and a Universal (Koppers) 220/0-85 propeller in accordance with Fred Ludtke photographs 1 through 5 and engine mount drawing No. CPAD #1, sheets 1 through 3.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication on other aircraft. This approval is limited to the installation in Monocoupe Model 90A, Serial Number A-791 only. A copy of this Certificate and Addendum Number SA387NW 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 25, 1961

Date reissued:

Date of issuance: December 27, 1976

Date amended:

FEDERAL AVIATION ADMINISTRATION

By direction of the Administrator

(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)

December 27, 1976 *Number* SA387NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA387NW

The conditions and limitations of Type Certificate Data Sheet Number A-306 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA387NW 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: Fred Ludtke

I. MONOCOUPE 90A (LANDPLANE - STANDARD CATEGORY) AS MODIFIED BY STC SA387NW

Engine:	Warner Super Scarab 50A
Engine Limits:	145 HP at 2050 rpm, Take off and maximum continuous
Fuel:	73 octane minimum aviation gasoline
Propeller:	Universal (Koppers) 220/0-85
Propeller Limits:	205 HP @ 2600 rpm maximum
Serial Number Eligible:	A-791 only
Airspeed Limits:	Flaps Extended: 100 mph CAS Never Exceed: 156 mph CAS
Ultimate Flight Load Factors:	+7.0, -2.8
Ultimate Landing Load Factors:	Vertical: 6.5 Drag: 1.62 Side: 1.62
Maximum Weight	1610 pounds

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