United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA1182NW

This certificate, issued to Fullhart Insurance Agency, Inc.

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 3-12.

Original Product—Type Certificate Number: 1A15

Make: Piper

Model: PA-24

Description of Type Design Change: Installation of a Hartzell HC-C2YK-1BF/F7666A-2 Propeller on a Lycoming O-360-A1D engine in accordance with Fullhart Insurance Agency, Inc. photographs 1 through 2.

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-24, Serial Number 24-39 only. A copy of this Certificate, Addendum No. SA1182NW, and 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: November 21, 1980

Date of issuance: February 18, 1981

Date reissued:

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.

FAA Form 8110-2 (10-68)

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)

February 18, 1981 *Number* SA1182NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1182NW

The conditions and limitations of Type Certificate Data Sheet Number 1A15 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1182NW, 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: Fullhart Insurance Agency, Inc.

I. PIPER PA-24 (LANDPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA1182NW

Engine:	Lycoming O-360-A1D
Engine Limits:	180 Hp @ 2700 rpm
Fuel:	91/96 or 100/130 minimum grade aviation gasoline
Propeller and Propeller Limits:	Hartzell HC-C2YK-1BF/F7666A-2 Diameter: Maximum 76"; Minimum 72" 180 Hp @ 2900 rpm
Placards:	AVOID CONTINUOUS OPERATION BETWEEN 2000 and 2250 RPM
Serial Number Eligible:	24-39 only.

- 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 8110-2-1 (10-69) *This certificate may be transferred in accordance with FAR 21.47.*