United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA1485NM

This certificate, issued to Larry J. Martinez

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: 2A13

Make: Piper

Model: PA 28-180

Description of Type Design Change: Installation of a Lycoming IO-360-A1B6 and a Hartzell HC-M2YR-1B/7666A-2 propeller and associated baffling changes in accordance with Larry J. Martinez 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 28-180, Serial Number 28-7305227, only. A copy of this Certificate, Addendum SA1485NM, 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: December 27, 1981

Date reissued:

Date of issuance: March 15, 1982

Date amended:

By direction of the Administrator

Darrell M Pederson

(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.

FAA Form 8110-2 (10-68)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

March 15, 1982 *Number* SA1485NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1485NM

The conditions and limitations of Type Certificate Data Sheet Number A213 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1485NM prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLMENTAL TYPE CERTIFICATE HOLDER: LARRY J. MARTINEZ

PIPER PA 28-180 ARCHER, 4PCLM (NORMAL CATEGORY) AND 2PCLM (UTILITY CATEGORY) AS MODIFIED BY STC SA1485NM.

Engine: Lycoming IO-360-A1B6

Engine Limits: 200 hp. at 2700 rpm S.L.

Fuel: 100/130 octane aviation gasoline.

Propeller: Hartzell HC-M2YR-1B/7666A-2

Propeller Limits: 180 hp. @ 2900 rpm

All else is the same as Data Sheet 2A13.

- END -

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

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

C FAA AC 73-2651