United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA2607NM

This certificate, issued to

Melvin G. Kimble

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 8.10(b) *of the* Civil Air *Regulations*, dated October 11, 1950.

Original Product — Type Certificate Number: 2A10

Make: Piper

Model: PA-25-235 (Restricted)

Description of Type Design Change:

Installation of a Lycoming O-540-AID5 engine, McCauley IA200/FA propeller and associated systems in accordance with Melvin G. Kimble photos (1) through (5).

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 Model PA-25-235, Serial Number 25-3027 only. A copy of this Certificate and Addendum SA2607NM 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: June 5, 1984

Date of issuance: August 31, 1984

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Manager, Seattle Aircraft Certification Office, ANM-100S

(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
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Supplemental Type Certificate

(Continuation Sheet)

Number SA2605NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO SA2607NM

The conditions and limitations of Type Certificate Data Sheet Number 2A10 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA2607NM 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: Melvin G. Kimble

I. PIPER MODEL PA-25-235, 1 PCLM (RESTRICTED CATEGORY) SA2607NM

Engine:	Lycoming O-540-AID5
Fuel:	100 or 100LL minimum octane aviation gasoline
Engine Limits:	250 Hp @ 2575 rpm, full throttle - all operations
Propeller and Propeller Limits:	McCauley 1A20/FA Diameter: 84" Maximum; 82.5" Minimum
Placards and Markings:	(1) Install placard in full view of the pilot to read:

AIRCRAFT MODIFIED WITH LYCOMING O-540-AID5 ENGINE AS PER STC SA2607NM

(2) Change octane markings by fuel tank ports to read:

MIN. GRADE AVIVATION GASOLINE 100 OR 100LL

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