United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **SA00349SE**

This certificate, issued to **Aviation Engine Specialties**
13420 S.W. Third Avenue
Beaverton, Oregon 98005

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: A-797

Make: The New Piper Aircraft, Inc.

Model: PA-14

Description of the Type Design Change: Installation of the following items in accordance with photographs in FAA project file: Lycoming IO-360-A2B engine; McCauley 1P235/PFA propeller; Beech induction air box part no. 169-910077-31, bracket filter assembly part no. BA-7510, and filter part no. BA7305; B and C Specialty battery no. 25AH, alternator no. L-40, regulator no. LR-3, and starter no. 25AH or alternate Skytech starter no. FWL-12 or FWH-12; 4 tank 64 gallon fuel system fabricated from Piper no. 10849-25 and 10849-32, fuel selector no. A73W, fuel quantity senders no. 450-663 or 13009-02, and fuel quantity gauge no. 3090-033; left side baggage door, articulating front seats, removable rear seats, fishing pole storage tube through baggage compartment wall into aft fuselage, modified vertical tail and Piper rudder no. 64276-00, titanium firewall, aluminum wing leading edges, Cleveland brakes, no. 199-71, Piper electrical switches no. 454656, 454657, and 454658, engine gauge cluster part no. 436456S8, and overhead circuit breaker panel with Wood and Klixon circuit breakers; modified engine mount; modified engine cowl; and modified instrument panel.

Note: This modification is approved for the normal category landplane only. Installation of the following STC's is required: SA149AL, SA148AL, SA289AL, SA189AL, SA190AL, SA192AL, SA600AL, SA477AL, and SA593AL.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for other aircraft. This approval is limited to the installation in The New Piper Aircraft Model PA-14, Serial No. 14-103, only. A copy of this Certificate, dated May 30, 1996, and the Flight Manual Supplement, no revision, dated May 28, 1996, or later FAA approved revision, must 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: September 3, 1992

Date of issuance: May 30, 1996

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Acting Manager, Seattle 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)