United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA1933CE

This certificate issued to Petersen Aviation, Inc.
Route 1, P.O. Box 18
Minden, Nebraska 68959

certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part 8 *of the* Civil Air *Regulations.*

Original Product — Type Certificate Number: 2A10
Make: Piper
Model: PA-25 and PA-25-235 (restricted category)

Description of Type Design Change: Operation of airplane on unleaded automotive gasoline, 87 minimum antiknock index and leaded automotive gasoline, 88 minimum antiknock index (RON + MON)/2 per ASTM Specification D-439. Intermixing with aviation gasoline also approved. DATA REQUIRED: Petersen Drawing List Piper Pawnee PA-25 and PA-25-235 dated December 12, 1983, or later FAA Approved revision.

Limitations and Conditions: Limited to those airplanes equipped with gravity fuel feed to the carburetor and certificated (original or STC) or FAA Field Approved engine installations. All engines must have separate approval for operation on automotive gasoline in the form of Supplemental or Type Certificate approval. This approval should not be extended to other specific airplanes on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the airplanes.

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 6, 1983

Date of issuance: January 4, 1984

Date reissued:

Date amended: March 26, 1984, June 23, 1992

By direction of the Administrator

Original Signed By
L. Edwards
(Signature)

for Lawrence A. Herron, Manager
Wichita 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)