United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA2601CE

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

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: 3A12

Make: Cessna

Model: 172 I, K, L, M, N, P (160 Horsepower)

Description of Type Design Change: Operation of airplane on leaded and unleaded automotive gasoline, 91 minimum antiknock index (RON+MON)/2 per ASTM Specification D-439. Intermixing with aviation gasoline also approved. Data Required: 1. Petersen Drawing 172-91 dated February 13, 1990, or later "FAA Approved" revision. 2. Airplane Flight Manual Supplement dated March 30, 1990, or later "FAA Approved" revision for 172N Serial Number 17270050 & 17271035 thru 17274009 & 172P Models only.

Limitations and Conditions: Limited to those airplanes equipped with gravity fuel feed to the carburetor and previously approved installations of 160 horsepower Lycoming 0-320-() engines. These engines must be modified in accordance with STC SE2587CE. 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 STC is not approved on the Lycoming 0-320-H2AD engine installation.

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: February 13, 1990

Date of issuance: March 30, 1990

Date reissued:

Date amended:

By direction of the Administrator
Original Signed By
Douglas Haig
(Signature)
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)