

Supplemental Type Certificate

Number SA00215WI

This Certificate issued to Petersen Aviation, Inc.
984 K Road
Minden, NE 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 10 of the Civil Air Regulations.

Original Product - Type Certificate Number: A4EU
Make: Reims Aviation SA
Model: F172D, E, F, G, H, K, L, & M

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: 1. Petersen Drawing No. LC81084A dated December 12, 1983, revised December 15, 1992, 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 installation. All engines must have separate approval for operation on automotive gasoline in the form of Supplemental or Type Certificate approval. Compatibility of this design change with previously approved modifications must be determined by the installer.

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: May 26, 1994
Date of issuance: October 17, 1994

Date reissued:
Date amended: June 02, 1995



By direction of the Administrator
James M. Peterson
(Signature)
James M. Peterson
Associate ACO Mgr., Systems & Propulsion
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.