

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA00328WI

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: F172N

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: Petersen Drawing No. RF-172-91 dated January 18, 1995.

Limitations and Conditions: Limited to those airplanes equipped with gravity fuel feed to the carburetor and STC certificated 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. The original Lycoming O-320-H2 AD engine is not approved for operation on automotive gasoline. Therefore, a nonstandard engine must be installed to be compatible with this STC.

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: January 18, 1995

Date reissued:

Date of issuance: June 02, 1995

Date amended:



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.