

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SE00187WI

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 TC153 of the Civil Air Regulations.

Original Product — Type Certificate Number: 153
Make: Kinner
Model: R-5 Series 2, R-55, R-56 (R-540-1,-3)

Description of Type Design Change: Add the following approved fuel: 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. A copy of this certificate.
2. Petersen Drawing No. R-56-1 dated March 30, 1994, or later "FAA Approved" revision.

Limitations and Conditions: This approval should not be extended to other specific engines of these models on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of the other previously approved modifications will introduce no adverse effect upon the airworthiness of the engine. Specific approval must be obtained for each model aircraft to insure compatibility with its fuel system. 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: March 30, 1994

Date reissued:

Date of issuance: August 11, 1994

Date amended:



By direction of the Administrator
Original Signed By

James A. Schueler

James A. Schueler (Signature)

Acting Manager, Propulsion Branch
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.