

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

Number SE01651WI

This certificate issued to:

A & L Aircraft Parts, Inc
8300 E. 32nd St North
Wichita, KS 67204

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 13 of the Civil Air Regulations. (Modifications approved to CAR 13 dated June 15, 1956 amendments 13-1 through 13-3)

Original Product - Type Certificate Number: 5E-1
Make: Pratt & Whitney
Model: R-985-AN-1 and R-985-AN-14B

Description of Type Design Change:

Conversion of engine from carburetion to fuel injection. Data required: Documents as listed in Radial Engines Ltd. Master Document List Report REL1005-4, Revision (IR), dated November 1, 2009 (which includes Radial Engines Ltd. Instructions for Continued Airworthiness Report REL1005-8, Revision IR, dated November 1, 2009) or later FAA Approved revisions.

Limitations and Conditions:

Limited to Aviation Grade Gasoline Grade 80 or higher in accordance with ASTM Specification D 910 or equivalent. Automotive gasoline is not approved for engines modified to this design change. Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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 13, 2005

Date reissued: November 4, 2013, March 12, 2014

Date of issuance: December 7, 2011

Date amended:

By direction of the Administrator



Original signed by Tina Miller
(Signature)

Tina L. Miller
Program 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.