

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

Number SE02050AK

This certificate issued to Custom Aircraft Inc.
821 Airport Rd
Palmer, AK 99645

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

Original Product – Type Certificate Number: 1E4
Make: Textron Lycoming
Model: IO-540-W1A5D

Description of Type Design Change: Grind nitrided high compression cylinder barrels to plus 0.010 oversize and install P10 piston, P10 compression rings, and P10 oil rings in accordance with B.J. Custom Aircraft Cylinders, Inc. Document Numbers BJC-Form #1, BJC-Form #2, BJC-Form #3, and BJC-Form #4, dated April 18, 1996, or later FAA approved revisions.

Limitations and Conditions: Compatibility of this design change with previously approved modification must be determined by the installer. Plus 10 piston and piston rings must be installed in complete engine sets (all cylinders).

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: February 27, 1996
Date of issuance: May 02, 1996

Date reissued: June 6, 2012
Date amended:



By direction of the Administrator

(Signature)

August A. Asay
Manager, Anchorage Aircraft Certification Office

(Title)