



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SE04241AT

This certificate issued to: Nicky L. Watts
117 Rutan Court
 Mooresville, North Carolina 28117

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: E-295 Make: Lycoming
Model: O-540-B4B5, Serial Number L-7638-40

Description of Type Design Change:

Installation of (Bendix) Precision Airmotive fuel injection system which replaces the original Marvel Schebler carburetor model MA-4-5, P/N 10-5042 in accordance with dbraun99 LLC installation drawings and instructions, 140926-01 Revision E dated 12/24/2015, or later FAA-approved revision. Instructions for Continued Airworthiness, ICA-140926-01, Revision B dated 11/18/2015 or later FAA-approved revision are required as part of this installation.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Lycoming Model O-540-B4B5, Serial No. L-7638-40 engine. This STC does not permit manufacturing of parts for multiple installations.
3. The engine data plate is changed from L-7638-40 to L-7638-40C to reflect the conversion.
4. This STC approval is issued only in conjunction with SA04239AT.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: January 23, 2015

Date Reissued: January 15, 2016

Date of Issuance: November 20, 2015

Date amended: January 8, 2016

By Direction of the Administrator

Signature _____

Title: Ricky Jones, Acting Manager
Atlanta Aircraft Certification Office

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: SE04241AT

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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