

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

Number **SA02450SE**

This certificate, issued to

**Merlyn Products, Inc.
7500 West Park Drive
Spokane, WA 99224**

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 3 of the Civil Air Regulations.

Original Product—Type Certificate Number: 6A1
Make: Twin Commander
Model: 500B, 500S, 500U

Description of the Type Design Change: Installation of the Lycoming IO-540-M1C5 engine and Hartzell HC-C3YR-2UF/FC8468()-6R propeller in accordance with Merlyn Products, Inc. (MPi) Report 37-21, Revision N/C, dated April 24, 2015, or later Federal Aviation Administration (FAA) approved revision. Manufactured in accordance with MPi Top Drawing List 37-21-TDL, Revision N/C, dated May 4, 2015, or later FAA-approved revision. Maintained in accordance with MPi Instructions for Continued Airworthiness (ICA) 37-21-ICA, Revision N/C, dated April 30, 2015, or later FAA-accepted revision. Operated in accordance with MPi Airplane Flight Manual Supplement (AFMS) 37-21-AFMS, Revision N/C, dated August 28, 2015, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate, ICA, and AFMS must be maintained as part of the permanent records for the modified aircraft.

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 29, 2014

Date reissued:

Date of issuance: September 1, 2015

Date amended:



By direction of the Administrator

(Signature)

Manager, Seattle 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.