

Supplemental Type Certificate

Number SA01212SE

This certificate, issued to

**Merlyn Products, Inc.
West 7500 Park Drive
Spokane, WA 99224-5726**

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 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: Manufacture of Merlyn 320 Turbo Twin Commander Conversion Kit in accordance with Merlyn Products, Inc. Top Drawing List 37-TDL-30, Revision A, dated February 25, 2003, or later Federal Aviation Administration (FAA) approved revision, Installation of either two Lycoming TIO-540-AE2A-MC engines; two Merlyn Products IO-540-MX1-MC engines, Serial Numbers M00106 and M00206; or two Lycoming IO-540-AG1A5-MC engines (See Note); and two Hartzell HC-C3YR-2UF/FC8468()-6R propellers in accordance with Merlyn Products, Inc. Report 37-30-01, Revision N/C, "Installation Instructions-Airframe," dated April 7, 2002, or later FAA approved revision, and Maintain in accordance with Merlyn Products, Inc. Report 37-30-ICA, Revision N/C, "Instructions for Continued Airworthiness," dated May 24, 2013, or later FAA approved revision.

NOTE: To be eligible for installation under this supplemental type certificate (STC), the above engines must have been modified per STC SE01211SE.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and Airplane Flight Manual Supplement 37-30-AFMS, Revision C, dated June 17, 2013, or later FAA-approved revision shall 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: April 5, 2002

Date reissued:

Date of issuance: May 13, 2003

Date amended: March 12, 2009; July 2, 2013



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.

