

Department of Transportation Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* **SE01840SE**

*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 therefor as specified hereon meets the airworthiness requirements of Part 13 of the Civil Air Regulations.*

*Original Product—Type Certificate Number:*

E3SO

*Make:*

Teledyne Continental Motors

*Model:*

IO-550-E

*Description of the Type Design Change:* .: Install low compression ratio pistons and a turbo charger system on the above model engine per Merlyn Products Inc. Modification Instructions MPI Report 37-35-11, Revision A, dated February 19, 2008, or later FAA-approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to the above model engine only. This approval should not be extended to engines of this model on which other previously approved modifications are incorporate unless it is determined that the relationships 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 engine. This engine must be maintained in accordance with Section 9 of Merlyn Products Document 37-35-11, Rev A, dated February 19, 2008, or later FAA-approved revision to this document. A copy of this certificate SE01840SE shall be maintained as part of the permanent records for the modified engine.

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:* August 8, 2007

*Date reissued:*

*Date of issuance:* May 12, 2008

*Date amended:*



*By direction of the Administrator*

(Signature)

Acting 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.