

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

*Number* SE3553NM

*This certificate, issued to* Johnston Aircraft Service, Inc.

*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, effective June 15, 1956, as amended by 13-1, 13-2 and 13-3.*

*Original Product — Type Certificate Number:* 1E4  
*Make:* Lycoming  
*Model:* IO-540-C1B5

*Description of Type Design Change:* Modification of crankshaft damper configuration in accordance with FAA sealed Johnston Aircraft Service, Inc. Report CPR-2 "NC" dated December 10, 1986 or later FAA approved revision.

*Limitations and Conditions:* The approval of this change in type design applies to the basic engine of the specified model that is otherwise unmodified. This approval should not be extended to other specific engines of this model 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 will introduce no adverse effect upon the airworthiness of that engine.

*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:* November 25, 1986

*Date reissued:*

*Date of issuance:* December 10, 1986

*Date amended:*



*By direction of the Administrator*  
*Harwin J. Rammelsberg*  
for Manager, Western 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.*