

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

*Number* SE00164SE

*This certificate issued to* McFarlane Aviation, Inc.  
696 E. 1700 Road  
Baldwin City, KS 66006

*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 :* E-233 E-252, E-253

*Make :* Teledyne Continental

*Model :*

C75 Series C90 Series O-300 Series  
C85 Series O-200 Series

*Description of Type Design Change:*

Installation of Avglas Aircraft Components FG-100 Kit (C75, C85, C90, and O-200) or the FG-105 Kit (O-300) to modify carburetor air housing assemblies. The kit is to be installed in accordance with a. Avglas Drawing B5, Shaft Assembly dated July 27, 1994, and Supplement to Installation Instructions, Drawing B-5, Rev A, dated June 20, 1996, or b. McFarlane Aviation Inc. Drawing List No. 14179 Revision C stamped FAA Approved on July 16, 1998, or later "FAA Approved" revisions.

*Limitations and Conditions :*

Approval of this change in type design applies to the above model engines only. This approval should not be extended to engines on which other previously approved modifications are incorporated unless it is determined that the relationship 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. A copy of this certificate must be maintained as part of the permanent records for the modified engines.

*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 :* June 27, 1994

*Date reissued :* September 13, 1996

*Date of issuance :* January 11, 1995

*Date amended :* November 22, 1995; July 3, 1996, July 16, 1998



*By direction of the Administrator*

*Jeffrey D. Janusz*  
(Signature)

Jeffrey D. Janusz  
Senior Engineer Propulsion  
Wichita 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.