

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

*Number* SA727NE

*This certificate, issued to* Gordon-Schmidt Aircraft, Inc.  
P.O. Box 2088  
Iowa City, Iowa 52244

*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 3123 of the Civil Air Regulations.* Federal Aviation

*Original Product — Type Certificate Number:* A743  
*Make:* Boeing Stearman  
*Model:* A75N1

*Description of Type Design Change:*

Install Textron Lycoming engine model R-680-17 (R-680-B4E, TC 108) in accordance with Military Maintenance and Erection Manual, No. AN01-70AC-4. This installation results in a 5 hp increase in maximum takeoff rating compared to the certified engine (Continental W-670-6A, -6N) for this airplane.

*Limitations and Conditions:*

1. This installation is approved only on Airplane Serial No. 75-664.
2. Supplemental Flight Manual FAA Approved 3/16/90 is required with installation of Lycoming Engine R-680-17 (R-680-B4E, TC 108).

*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 20, 1989.

*Date issued:* March 22, 1993

*Date of issuance:* March 16, 1990

*Date amended:*



*By direction of the Administrator*

*I. Brumer*  
Irwin N. Brumer (Signature)  
Manager, New York 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.*

Box 6