United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA5778NM

This certificate, issued to D. Scott Eberhardt

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: 1A1
Make: Piper
Model: PA-16

Description of Type Design Change: Installation of Lycoming O-290-D2 engine and Sensenich M74DM6-0-56 propeller in accordance with photographs 1 through 6.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper PA-16, S/N 16-108, R/N N5304H only. A copy of this certificate and FAA Approved Flight Manual Supplement dated October 26, 1992, must be maintained as part of the permanent record for the modified aircraft. (continued on page 3)

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 14, 1991

Date of issuance: October 26, 1992

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Manager, Special Certification Branch
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.

FAA Form 8110-2 (10-68)

United States of America
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Supplemental Type Certificate

(Continuation Sheet)

Number SA5778NM

LIMITATIONS AND CONDITIONS: (CONTINUED)

The conditions and limitations of the Type Certificate Data Sheet No. 1A1 apply except where superseded by the following:

This Continuation Sheet, which is part of STC No. SA5778NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Engine:	Lycoming O-290-D2
Fuel:	80 Octane Minimum Aviation Gasoline
Engine Limits:	All operations, 135 H.P. @ 2600 R.P.M.
Propeller:	Sensenich M74DM6-0-56; 74.0" maximum diameter 72.5" minimum diameter

NOTE: This aircraft is exempt from FAR 36 Appendix G acoustic change findings under the provisions of FAR 21.93(b)(3)(iii).

-END-

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.