United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SE4153NM

This certificate, issued to Big Bend Community College

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 May 15, 1956

Original Product — Type Certificate Number: E-286

Make: Avco Lycoming

Model: O-360-A4K

Description of Type Design Change:
Installation of a Marvel Model MA-4-5 carburetor and associated parts in accordance with Big Bend Community College Parts Comparison List dated October 28, 1987, and photographs numbered 1 through 6. There are no changes to ratings or limitations as a result of this modification.

Limitations and Conditions:
Data pertaining to this modification are considered inadequate for duplication on other engines. This approval is limited to the installation on Avco Lycoming model O-360-A4K engine, Serial Number L16970-36A. A copy of this certificate shall be maintained as part of the permanent records for the modified 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: August 20, 1987

Date of issuance: December 17, 1987

Date reissued:

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.

FAA Form 8110-2 (10-68)