Book

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **SA00126SE**

This certificate, issued to: **V. G. Services, Corp.**
P. O. Box 816
Mukilteo, WA 98275

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: A20SO

Make: Piper

Model: PA-31-350

Description of the Type Design Change: Installation of strakes to sides of engine nacelles and Vortex Generators (VG's) to the wing upper surface, the vertical tail, and the lower surface of the horizontal tail in accordance with Drawing Package MA2033, Revision B and Installation Manual MA2034, Revision A, both dated May 6, 1997, or later FAA approved revisions.

NOTE: This modification may not be installed on aircraft equipped with STC SA1151SO (Colemill Panther II modification)

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. The complete installation includes 164 vortex generators. A minimum of 160 vortex generators must be present on the aircraft for flight. If 5 or more vortex generators are missing (159 or less present) then replacements must be installed prior to flight. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

The STC holder will provide a written permission statement to each person it authorizes to use this certificate to alter the product.

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: April 5, 1994

Date of issuance: September 22, 1994

Date reissued: April 28, 1997; May 15, 1997

Date amended: May 7, 1997

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)