United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **SA00467SE**

This certificate, issued to **VG Stol, LLC**
1918 South 16th Avenue
P. O. Box 9823
Yakima, WA 98909

*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 * of the * Regulations.*

Original Product—Type Certificate Number: *See attached Approved Model List (AML)
Make: Number SA00467SE for a list of approved
Model: airplane models and applicable airworthiness regulations.

Description of the Type Design Change: Fabrication and Installation of vortex generators mounted on the wings and a tail strake mounted on either side of the empennage in accordance with an FAA approved copy of Boundary Layer Research, Inc. (BLR) Master Drawing List, BLMDLP12, dated July 28, 1998, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the standard Landplane, Floatplane, and Skiplane configurations of the airplane models listed on the AML, when operated in the NORMAL category. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer 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 aircraft. The modified airplanes must be operated in accordance with an FAA approved copy of BLR Airplane Flight Manual Supplement (AFMS) No. BLAFMPA12 (PA-12 and PA-12S) and BLAFMPA14 (PA-14), each approved on August 14, 1998, or later FAA approved revision. A copy of this Certificate, STC Continuation Sheet SA00467SE, AML No. SA00467SE, and the appropriate FAA approved AFMS must be maintained as part of the permanent records 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 26, 1996
Date of issuance: September 3, 1997
Date reissued: March 6, 1998; May 27, 1999
Date amended: August 14, 1998

By direction of the Administrator

for Jeffrey A. Morfitt
(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)

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

VG Stol, LLC

Number **SA00467SE**

Reissued: 3/6/98; 5/27/99
Amended: 8/14/98

Limitations and Conditions: (cont'd)

The VG Stol, LLC modification consists of seventy -two (72) vortex generators mounted on the wings and two (2) tail strakes mounted on either side of the empennage. If more than four vortex generators are missing or damaged, the aircraft must be flown in accordance to the original markings, placards, and manual. IF more than six vortex generators are missing or damaged, or if a tail strake is missing or damaged, the aircraft is not airworthy and must be repaired before flight.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

- END -

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 APPROVED MODEL LIST NO. SA00467SE
VG STOL, LLC
FOR
INSTALLATION OF VORTEX GENERATORS AND STRAKES

ISSUED: September 3, 1997

ITEM	AIRCRAFT	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING/ DRAWING LIST NO.	REVISION NO. AND DATE	FAA APPROVED INSTALLATION INSTRUCTIONS NO. & REV. DATE	AML REVISION DATE
1.	PIPER	PA-12, PA-12S	A-780	CAR 3	MDL NO. BLMDLP12	REV. IR 5/5/98	BLINSPA12 REV. IR 7/28/98	8/14/98
2.	PIPER	PA-14	A797	CAR 3	MDL NO. BLMDLP12	REV. IR 5/5/98	BLINSPA12 REV. IR 7/28/98	8/14/98

FAA Approved Gilbert A. Morfitt
for Acting Manager, Seattle Aircraft Certification Office

Reissued: March 6, 1998; May 27, 1999
Amended: August 14, 1998