United States of America

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA01643SE

This certificate, issued to:

BAS, Inc.
411 Super Cub Drive North
PO Box 190
Eatonville, WA 98328

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part **23** *of the* **Federal Aviation** *Regulations.*

Original Product—Type Certificate Number: * See Attached FAA Approved Model List SA01643SE
Make: for List of Approved Airplane Models and
Model: Applicable Airworthiness Regulations

Description of the Type Design Change: Installation of BAS, Inc. shoulder harness with inertia reel in accordance with BAS, Inc. Report 1006, dated October 15, 2005, or later FAA-approved revision.

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 of this model on which other previously approved modifications are incorporated unless it is determined 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.

A copy of this certificate and FAA Approved Model List SA01643SE must be maintained as part of the permanent records for the modified aircraft.

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.

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: March 22, 2005 *Date reissued:*
Date of issuance: February 13, 2006 *Date amended:* December 02, 2010

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)

FAA APPROVED MODEL LIST (AML) No. SA01643SE
BAS, Inc.
for
SHOULDER HARNESS INSTALLATION

ORIGINAL ISSUE DATE: February 13, 2006

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING / DRAWING LIST		AML AMENDMENT DATE
					NUMBER	REVISION NO. AND DATE Or Later FAA-Approved Revision	
1	Piper Aircraft, Inc.	PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T	2A13	CAR 3, and Type Certificate DS 2A13	Report No. 1006	Revision New, dated October 15, 2005	December 02, 2010
2	Piper Aircraft, Inc	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32-301FT, PA-32-301XTC, PA-32R-301 (SP), PA-32R-301 (HP), PA-32R-301T, PA-32-301, PA-32-301T	A3SO	CAR 3, and Type Certificate DS A3SO	Report No. 1006	Revision New, dated October 15, 2005	December 02, 2010
3	Piper Aircraft, Inc	PA-34-200, PA-34-200T, PA-34-220T ,	A7SO	FAR 23	Report No. 1006	Revision New, dated October 15, 2005	December 02, 2010

FAA Approved: _____
Acting Manager, Seattle Aircraft Certification Office

Reissued: _____

Amended: December 02, 2010