

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA01843CH

This certificate issued to SMR Technologies, Inc. - A B/E Aerospace Company
93 Nettie Fenwick Rd
Fenwick, WV 26202-4000

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: A25SO
Make: Piper Aircraft
Model: PA-46-310P, PA-46-350P, PA-46-500TP

Description of Type Design Change:

Replacement of certain Goodrich pneumatic deicer boots in accordance with SMR Technologies, Inc. Installation Instructions as listed on AML No. SA01843CH, or later FAA approved revision.

Limitations and Conditions:

1. The Maintenance Instructions for Continued Airworthiness contained in SMR Technologies Installation and Maintenance Manual, Rev. 9, dated June 29, 2006, is required with this modification.
2. A copy of this certificate and the FAA Approved Model List (AML) No. SA01843CH, dated April 30, 2008, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.
3. The Installer must determine whether this design change is compatible with previously approved modifications.
4. 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: January 14, 1999

Date reissued:

Date of issuance: June 5, 2003

Date amended: June 2, 2008



By direction of the Administrator

Kevin Newling
(Signature)

For Anthony Socias.
Manager
New York Aircraft Certification Office

(Title)

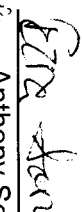
Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA APPROVED MODEL LIST (AML) NO. SA01843CH FOR

INSTALLATION OF SMR TECHNOLOGIES PNEUMATIC DE-ICERS

ISSUED JUNE 5, 2003

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL & TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS NUMBER	REV	PART NUMBER	REPLACEMENT FOR GOODRICH PART NUMBER	AML REVISION DATE
1	Piper	PA-46-310P, PA-46-350P TC# A25SO	FAR 23	MDL-0022	Revision B dated April 5, 2005 or later FAA approved revision	SMR5164-05	27S-7D5164-05	Initial Release
2	Piper	PA-46-310P, PA-46-350P TC# A25SO	FAR 23	MDL-0022	Revision B dated April 5, 2005 or later FAA approved revision	SMR5164-06	27S-7D5164-06	Initial Release
3	Piper	PA-46-310P, PA-46-350P, PA-46-500TP TC# A25SO	FAR 23	MDL-0022	Revision B dated April 5, 2005 or later FAA approved revision	SMR5164-07	27S-7D5164-07	Initial Release
4	Piper	PA-46-310P TC# A25SO	FAR 23	MDL-0022	Revision B dated April 5, 2005 or later FAA approved revision	SMR5164-09	27-7D5164-09	7/15/08
5	Piper	PA-46-350P TC# A25SO	FAR 23	MDL-0022	Revision B dated April 5, 2005 or later FAA approved revision	SMR5164-11	27-7D5164-11	7/15/08
6	Piper	PA-46-310P, PA-46-350P TC# A25SO	FAR 23	MDL-0022	Revision B dated April 5, 2005 or later FAA approved revision	SMR5164-12	27-7D5164-12	Initial Release
7	Piper	PA-46-500TP TC# A25SO	FAR 23	MDL-0056	Revision B dated December 10, 2007 or later FAA approved revision	SMR5294-05	27S-4D5294-05	6/02/08
8	Piper	PA-46-500TP TC# A25SO	FAR 23	MDL-0056	Revision B dated December 10, 2007 or later FAA approved revision	SMR5294-20	27S-4D5294-20	6/02/08
9	Piper	PA-46-500TP TC# A25SO	FAR 23	MDL-0056	Revision B dated December 10, 2007 or later FAA approved revision	SMR5294-21	27-4D5294-21	7/15/08
10	Piper	PA-46-500TP TC# A25SO	FAR 23	MDL-0056	Revision B dated December 10, 2007 or later FAA approved revision	SMR5294-22	27-4D5294-22	6/02/08
11	Piper	PA-46-500TP TC# A25SO	FAR 23	MDL-0056	Revision B dated December 10, 2007 or later FAA approved revision	SMR5294-23	27-4D5294-23	6/02/08
12	Piper	PA-46-500TP TC# A25SO	FAR 23	MDL-0056	Revision B dated December 10, 2007 or later FAA approved revision	SMR5294-24	27-4D5294-24	6/02/08

Approved 
Anthony Socias
Manager, New York
Aircraft Certification Office

Date Amended: June 2, 2008, July 15, 2008