

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA00654SE

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 therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations. **

Original Product - Type Certificate Number : * * See attached FAA Approved Model List (AML)
Make : * No. SA00654SE for a list of approved airplane
Model : * models and applicable airworthiness regulations.

Description of Type Design Change:

Replacement of certain BF Goodrich pneumatic deicer boots in accordance with SMR Technologies, Inc. Master Drawing List MDL-0012, Revision B, dated August 27, 2003, or later FAA approved revision.

Limitations and Conditions :

Approval of this change in type design extends to the airplane models listed on the AML with previously approved deicer boots only. Intermix of these deicer boots with previously approved deicer boots is permitted. Compatibility of this design change with previously approved modifications must be determined by the installer. A copy of this Certificate and FAA AML No. SA00654SE 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 : July 9, 1998

Date reissued : May 4, 2000, August 30, 2004

Date of issuance : December 21, 1998

Date amended : August 30, 2004



By direction of the Administrator

Charles L Smalley

(Signature)

Charles L. Smalley
Systems & Flight Test Branch
Chicago 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. SA00654SE

FOR

INSTALLATION OF SMR TECHNOLOGIES INC, PNEUMATIC DE-ICERS

ISSUED DECEMBER 21, 1998

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED MASTER DRAWING LIST NUMBER REV	SMR TECHNOLOGIES PART NUMBER	REPLACEMENT FOR BFGOODRICH PART NUMBER	AML REVISION DATE
1	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-01	25S-7D5036-01	08/30/04
2	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-02	25S-7D5036-02	08/30/04
3	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-03	25S-7D5036-03	08/30/04
4	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-04	25S-7D5036-04	08/30/04
5	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-05	25S-7D5036-05	08/30/04
6	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-07	25S-7D5036-07	08/30/04
7	Piper	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	MDL-00012 E	SMR5036-08	25S-7D5036-08	08/30/04

Charles L. Smalley

Approved:

Charles L. Smalley
 Manager, Systems and Flight
 Test Branch Chicago Aircraft
 Certification Office

Amended: August 30, 2004

Reissued: May 4, 2000, August 30, 2004