

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

*Number* SA00653SE

*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. SA00653SE 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-0009, Revision F, dated January 12, 2004, 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. SA00653SE 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 :* April 30, 1998

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

*Date of issuance :* December 14, 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)

# FAA APPROVED MODEL LIST (AML) NO. SA00653SE

FOR

## INSTALLATION OF SMR TECHNOLOGIES INC, PROPELLER DE-ICERS

ISSUED DECEMBER 14, 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	Fairchild	SA226-T, SA226-AT, SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009 F	SMR5071-01	25S-5D5071-01	08/30/04
2	Fairchild	SA226-T, SA226-AT, SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009 F	SMR5071-02	25S-5D5071-02	08/30/04
3	Fairchild	SA226-T, SA226-AT, SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009 F	SMR5071-03	25S-5D5071-03	08/30/04
4	Fairchild	SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009 F	SMR5071-13	25S-5D5071-13	08/30/04
5	Fairchild	SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009 F	SMR5071-14	25S-5D5071-14	08/30/04
6	Fairchild	SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009 F	SMR5071-15	25S-5D5071-15	08/30/04
7	Fairchild	SA226-TC, SA227-AC	A8SW	FAR 23	MDL-0009 F	SMR5071-01	25S-5D5071-01	08/30/04
8	Fairchild	SA226-TC, SA227-AC	A8SW	FAR 23	MDL-0009 F	SMR5071-02	25S-5D5071-02	08/30/04
9	Fairchild	SA226-TC, SA227-AC	A8SW	FAR 23	MDL-0009 F	SMR5071-03	25S-5D5071-03	08/30/04
10	Fairchild	SA227-AC	A8SW	FAR 23	MDL-0009 F	SMR5071-13	25S-5D5071-13	08/30/04
11	Fairchild	SA227-AC	A8SW	FAR 23	MDL-0009 F	SMR5071-14	25S-5D5071-14	08/30/04
12	Fairchild	SA227-AC	A8SW	FAR 23	MDL-0009 F	SMR5071-15	25S-5D5071-15	08/30/04

Approved:

*Charles L. Smalley*

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

Amended: March 1, 1999, August 30, 2004

Reissued: May 4, 2000, August 30, 2004