United States of America

Department of Transportation -- Federal Abiation Administration

Supplemental Type Certificate

Number SA02005NY

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 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : *

*See attached FAA Approved Model List (AML) No. SA02005NY for a list of approved airplane models and

Make:*

applicable airworthiness regulations.

Model: *

Description of Type Design Change:

Installation of SMR Technologies pneumatic de-icer models in accordance with installation instructions on SMR Technologies Drawing List as listed on AML No. SA02005NY dated February 3, 2006.

Limitations and Conditions:

- 1. The Maintenance Instructions for Continued Airworthiness contained in SMR Technologies Installation and Maintenance Manual, Rev. 8, dated November 5, 2004, is required with this modification.
- 2. Approval for installation of replacement parts for existing Goodrich Type 23 boots must be made in left and right pairs on wings or tail.

(See Continuation Sheet 2)

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: February 6, 2004

Date reissued :

Date of issuance: October 6, 2004

Date amended: February 3, 2006

TOMINISTRATION

By direction of the Administrator

Signature)

Anthony Socias

Manager

New York Aircraft Certification Office

(Title)

United States of America

Bepartment of Transportation -- Federal Abiation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA02005NY

Date of Amendment: February 3, 2006

Limitations and Conditions (Continued).

- 3. A copy of this certificate and the FAA Approved Model List (AML) No. SA02005NY, amended February 3, 2006, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.
- 4. Compatibility of this design change with previously approved modifications must be determined by the installer.
- 5. 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...

FAA APPROVED MODEL LIST (AML) NO. SA02005NY SMR TECHNOLOGIES, INC. FOR

INSTALLATION OF PNEUMATIC DE-ICERS

Issue Date: October 6, 2004, Amended February 3, 2006

ITEM	AIRCRAFT	AIRCRAFT MODEL &	CERTIFICATION	INSTALLATION INSTRUCTIONS			REPLACEMENT		AML
	MAKE	TYPE CERTIFICATE	BASIS FOR		,	PART	FOR GOODRICH	AFMS	AMENDMENT
i		NUMBER	ALTERATION	N0.	Revision & Date	NUMBER	PART NUMBER		DATE
1	TWIN	500, 520, 560, 560A, 680, 680E		MDL-0045	Rev. D, dated	SMR2015-1-1	238-2015-1-1	04-33-046,	
1	COMMANDER	TC# 6A1			August 29, 2005			Rev IR,	
								dated October 5, 2004	
2	TWIN	680, 680E, 720	CAR 3	MDL-0045	Rev. D, dated	SMR2015-1-1	23S-2015-1-1	04-33-046,	
~	COMMANDER	TC# 2A4			August 29, 2005			Rev IR,	
								dated October 5, 2004	
3	TWIN	500, 520, 560, 560A, 680, 680E	CAR 3	MDL-0045	Rev. D, dated	SMR2015-1-2	23S-2015-1-2	04-33-046,	
	COMMANDER	TC# 6A1			August 29, 2005			Rev IR,	
								dated October 5, 2004	
4	TWIN	680, 680E, 720	CAR 3	MDL-0045	Rev. D, dated	SMR2015-1-2	23S-2015-1-2	04-33-046,	
	COMMANDER	TC# 2A4			August 29, 2005	İ		Rev IR,	
								dated October 5, 2004	
5	TWIN	520, 560, 560A	CAR 3	MDL-0045	Rev. D, dated	SMR2015-2-1	23S2015-2-1	04-33-046,	
	COMMANDER	TC# 6A1			August 29, 2005			Rev IR,	
		<u></u>						dated October 5, 2004	
6	TWIN	680, 680T, 680V, 680W, 681	CAR 3	MDL-0045	Rev. D, dated	SMR2015-2-1	23S-2015-2-1	04-33-046,	
	COMMANDER	TC# 2A4			August 29, 2005	1		Rev IR,	
								dated October 5, 2004	
7	TWIN	520, 560, 560A	CAR 3	MDL-0045	Rev. D, dated	SMR2015-2-2	23S-2015-2-2	04-33-046,	
	COMMANDER	TC# 6A1			August 29, 2005			Rev IR,	
								dated October 5, 2004	
8	TWIN	680, 680T, 680V, 680W, 681	CAR 3	MDL-0045	Rev. D, dated	SMR2015-2-2	23S-2015-2-2	04-33-046,	
	COMMANDER	TC# 2A4			August 29, 2005			Rev IR,	
							<u> </u>	dated October 5, 2004	
9	TWIN	500, 500A, 500B, 500S, 500U,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-3-1	238-2015-3-1	04-33-046,	
	COMMANDER				August 29, 2005	!		Rev IR,	
		TC# 6A1						dated October 5, 2004	<u> </u>
10	TWIN	560F, 680, 680E, 680F, 720	CAR 3	MDL-0045	Rev. D, dated	SMR2015-3-1	238-2015-3-1	04-33-046,	
	COMMANDER	TC# 2A4			August 29, 2005			Rev IR, dated October 5, 2004	i
			ļ			63 (730) 15 3 3	220 2016 2 2		
11	TWIN	500, 500A, 500B, 500S, 500U,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-3-2	23S-2015-3-2	04-33-046,	1
	COMMANDER	1 ' '			August 29, 2005			Rev IR, dated October 5, 2004	1
		TC# 6A1		257 0045	D D 1. 1	6) (D2015 2 2	226 2015 2 2	04-33-046,	
12	TWIN	560F, 680, 680E, 680F, 720	CAR 3	MDL-0045	Rev. D, dated	SMR2015-3-2	23S-2015-3-2	Rev IR,	
	COMMANDER	TC# 2A4			August 29, 2005			dated October 5, 2004	
<u></u>		500 500 500 500	CAR 2) (DI 0045	Day D dated	SMR2015-5-1	23S-2015-5-1	04-33-046,	
13	TWIN	500, 520, 560, 560A	CAR 3	MDL-0045	Rev. D, dated	3MIK2013-3-1	255-2015-5-1	Rev IR,	
	COMMANDER	TC# 6A1			August 29, 2005			dated October 5, 2004	
<u></u>	TWD	(00 (005 720	CAR 3	NOT DOAS	Rev. D, dated	SMR2015-5-1	23S-2015-5-1	04-33-046,	
14	TWIN	680, 680E, 720	CAK 3	MDL-0045	August 29, 2005	3WIK2013-3-1	233-2013-3-1	Rev IR,	
	COMMANDER	TC# 2A4			August 29, 2003			dated October 5, 2004	
 ,	TWIN	520 560 5604	CAR 3	MDL-0045	Rev. D, dated	SMR2015-6-1	23S-2015-6-1	04-33-046,	
15	1	520, 560, 560A	CAKS	MDL-0043	August 29, 2005	3WIK2013-0-1	255-2015-0-1	Rev IR,	
	COMMANDER	TC# 6A1	İ		August 27, 2003				.
	<u> </u>		<u></u>				<u></u>	dated October 5, 2004	1

FAA APPROVED MODEL LIST (AML) NO. SA02005NY SMR TECHNOLOGIES, INC.

FOR

INSTALLATION OF PNEUMATIC DE-ICERS

Issue Date: October 6, 2004, Amended February 3, 2006

ITEM	AIRCRAFT	AIRCRAFT MODEL &	CERTIFICATION	INSTALLATION INSTRUCTIONS			REPLACEMENT	Amended i edital	AML
	MAKE	TYPE CERTIFICATE	BASIS FOR			PART	FOR GOODRICH	AFMS	AMENDMENT
		NUMBER	ALTERATION	N0.	Revision & Date	NUMBER	PART NUMBER		DATE
16	TWIN	680, 680T, 680V, 680W, 681	CAR 3	MDL-0045	Rev. D, dated	SMR2015-6-1	23S-2015-6-1	04-33-046,	
	COMMANDER	TC# 2A4			August 29, 2005			Rev IR,	
								dated October 5, 2004	
17	TWIN	500, 500A, 500B, 500S, 500U,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-7-1	23S-2015-7-1	04-33-046,	
•	COMMANDER	560, 560A			August 29, 2005			Rev IR,	
		TC# 6A1				0) (000) (0.00)	220 2016 7 1	dated October 5, 2004 04-33-046.	
18		560F, 680, 680E, 680F, 680F(P),	CAR 3	MDL-0045	Rev. D, dated	SMR2015-7-1	23S-2015-7-1	Rev IR.	
	COMMANDER	680FL, 680FL(P), 680T, 680V,			August 29, 2005			dated October 5, 2004	
		680W, 681, 720 TC# 2A4						dated October 3, 2004	
19	TWIN	500, 500A, 500B, 500S, 500U,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-8-1	23S-2015-8-1	04-33-046.	
19	COMMANDER	560	CARS	WIDE-0045	August 29, 2005	SMICEOTS G 1	255 2010 0 1	Rev IR.	1
	COMMINITABLE	TC# 6A1			7 lugust 25, 2005			dated October 5, 2004	
20	TWIN	720	CAR 3	MDL-0045	Rev. D, dated	SMR2015-8-1	23S-2015-8-1	04-33-046,	
-	COMMANDER	TC# 2A4			August 29, 2005			Rev IR,	
								dated October 5, 2004	
21	TWIN	500, 500A, 500B, 500S, 500U,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-9-1	23S-2015-9-1	04-33-046,	1
	COMMANDER	560			August 29, 2005		Ì	Rev IR,	
		TC# 6A1						dated October 5, 2004	
22	TWIN	720	CAR 3	MDL-0045	Rev. D, dated	SMR2015-9-1	23S-2015-9-1	04-33-046,	
	COMMANDER	TC# 2A4			August 29, 2005			Rev IR,	
			C1D2	1/01/00/5	D D 1 . 1	G) (D2015 0.2	220 2015 0 2	dated October 5, 2004	
23	TWIN	500, 500A, 500B, 500S, 500U,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-9-2	23S-2015-9-2	04-33-046, Rev IR,	
l	COMMANDER	560 TC# 6A1			August 29, 2005			dated October 5, 2004	
24	TWIN	720	CAR 3	MDL-0045	Rev. D. dated	SMR2015-9-2	23S-2015-9-2	04-33-046,	
24	COMMANDER	TC# 2A4	CARS	MDL-0043	August 29, 2005	51VII(2013-7-2	255-2015-7-2	Rev IR,	
	COMMANDER	10# 2A4			7 tugust 27, 2003			dated October 5, 2004	
25	TWIN	500A, 500B, 500S, 500U	CAR 3	MDL-0045	Rev. D. dated	SMR2015-12-1	23S-2015-12-1	04-33-046,	
	COMMANDER	TC# 6A1			August 29, 2005			Rev IR,	İ
								dated October 5, 2004	
26	TWIN	560F, 680F, 680F(P), 680FL,	CAR 3	MDL-0045	Rev. D, dated	SMR2015-12-1	23S-2015-12-1	04-33-046,	
1	COMMANDER	680FL(P), 680T, 680V, 680W,			August 29, 2005			Rev IR,	
	ļ	681				-		dated October 5, 2004	
		TC# 2A4						24.00.046	
27	TWIN	500A, 500B, 500S, 500U	CAR 3	MDL-0045	Rev. D, dated	SMR2015-12-2	23S-2015-12-2	04-33-046,	
1	COMMANDER	TC# 6A1	1		August 29, 2005			Rev IR, dated October 5, 2004	
	THE	SCOP COOP (COOP) COOP!	CARA	MDI 0045	Day D. data d	SMR2015-12-2	23S2015-12-2	04-33-046,	
28	TWIN	560F, 680F, 680F(P), 680FL,	CAR 3	MDL-0045	Rev. D, dated	SIVIK2013-12-2	2552015-12-2	Rev IR,	
	COMMANDER	680FL(P), 680T, 680V, 680W, 681	1		August 29, 2005		1	dated October 5, 2004	
		TC# 2A4						2000000 5, 2004	
29	TWIN	500A, 500B, 500S, 500U	CAR 3	MDL-0045	Rev. D. dated	SMR2015-13-1	238-2015-13-1	04-33-046,	
1	COMMANDER	TC# 6A1	[August 29, 2005			Rev IR,	
								dated October 5, 2004	

FAA APPROVED MODEL LIST (AML) NO. SA02005NY SMR TECHNOLOGIES, INC. FOR

INSTALLATION OF PNEUMATIC DE-ICERS

Issue Date: October 6, 2004, Amended February 3, 2006

ITEM	AIRCRAFT MAKE	TYPE CERTIFICATE	CERTIFICATION BASIS FOR		ON INSTRUCTIONS	PART	REPLACEMENT FOR GOODRICH	AFMS	AML AMENDMENT
		NUMBER	ALTERATION	N0.	Revision & Date	NUMBER	PART NUMBER		DATE
30	TWIN COMMANDER	560F, 680F, 680F(P), 680FL, 680FL(P), 680T, 680V, 680W, 681 TC# 2A4	CAR 3	MDL-0045	Rev. D, dated August 29, 2005	SMR2015-13-1	238-2015-13-1	04-33-046, Rev 1, dated October 5, 2004	
31	TWIN COMMANDER	680FL, 680FL(P) TC# 2A4	CAR 3	MDL-0045	Rev. D, dated August 29, 2005	SMR2015-14-1	23S-2015-14-1	04-33-046, Rev 1, dated October 5, 2004	February 3, 2006
32	TWIN COMMANDER	680FL, 680FL(P) TC# 2A4	CAR 3	MDL-0045	Rev. D, dated August 29, 2005	SMR2015-14-2	23S-2015-14-2	04-33-046, Rev 1, dated October 5, 2004	February 3, 2006

FA A Approved:

Anthony Socias,

Manager, New York Aircraft Certification Office

Amendment Date: February 3, 2006