



U.S. Department
of Transportation
**Federal Aviation
Administration**

Engine & Propeller Directorate

1600 Stewart Avenue
4th Floor Suite 410
Westbury, NY 11590

FEB 17 2011

Mr. Brian Spencer
SMR Technologies, Inc.-A B/E Aerospace Company
93 Nettie Fenwick Rd
Fenwick, WV 26202-4000

Dear Mr. Spencer:

This is in response to your application dated December 16, 2010 for amendment of Supplemental Type Certificate (STC) SA00670SE for the replacement of Goodrich pneumatic de-icers on certain aircraft (listed below).

The data submitted and tests conducted are satisfactory. The following documents are enclosed as evidence of FAA design data approval:

- 1) STC SA00670SE, amended February 16, 2011
- 2) Approved Model List SA00670SE, amended February 16, 2011

The design approval, for Federal Aviation Administration - Parts Manufacturer Approval (FAA-PMA), is on the drawing and revision level indicated below, with eligibility on aircraft as shown:

Part Name	Part Number	Approved Replacement For Goodrich P/N	FAA Approval Basis and Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
Pneumatic De-icer	SMR5057-13	25S-7D5057-13	SMR Technologies, Inc. STC and AML SA00670SE, amended 2/16/11 and SMR Master Drawing List MDL-0013, Rev. J, dated 2/7/11.	Hawker Beechcraft Corporation	58/G58 (S/N TH-1472 thru TH-1475, TH-1477 thru TH-1486, TH-1488, TH-1489, TH-1498 & UP) TCDS # 3A16
Pneumatic De-icer	SMR5057-14	25S-7D5057-14	SMR Technologies, Inc. STC and AML SA00670SE, amended 2/16/11 and SMR Master Drawing List MDL-0013, Rev. J, dated 2/7/11.	Hawker Beechcraft Corporation	58/G58 (S/N TH-1472 thru TH-1475, TH-1477 thru TH-1486, TH-1488, TH-1489, TH-1498 & UP) TCDS # 3A16

The approved data should be retained on file at your facility, as indicated by 14 Code of Federal Regulations (CFR) Section 21.303(h)(6), and made available upon request to FAA representatives during visits to your facilities or for submittal to this office should it be necessary in the future.

If there are minor changes (reference 14 CFR 21.93, 21.95 and 21.97) to the design data, they should be submitted every six months, and accompanied by one copy of the top assembly drawings, explanation of minor changes, and the change in aircraft eligibility, if affected. Major changes should be handled in the same manner but should be submitted and FAA Approved before production.

Please be aware of your responsibilities under the requirements of 14 CFR 21.3, regarding the reporting of any failure, malfunction, or defect in any article manufactured under this approval.

This letter transmits design approval only. Please contact our Manufacturing Inspection District Office (MIDO) for PMA. Their address is:

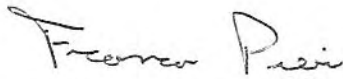
FAA, Manufacturing Inspection District Office (MIDO)
ANE-MIDO-44
400 Airport Drive
Bldg 201, Room 102
New Cumberland, PA 17070-3419
Telephone: (847) 294-7190

The request to the MIDO must include a statement certifying your inspection system meets the requirements of 14 CFR 21.303(h).

A copy of the STC and required documents should accompany the installation. Also, your attention is directed to the limitations and conditions specified in the STC, and to the enclosed copy of "Information Concerning Your Responsibility as a Holder of a Supplemental Type Certificate".

If you should have any questions related to the above information, please contact Mr. Ezra Sasson at (516) 228-7320.

Sincerely,



Anthony Socias 
Manager, New York Aircraft Certification Office

Enclosures: [3]

Supplemental Type Certificate

Number SA00670SE

This certificate issued to

SMR Technologies, Inc. – A B/E Aerospace Company
93 Nettie Fenwick Rd
Fenwick, WV 26202

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 21 of the Federal Aviation Regulations.

Original Product - Type Certificate Number: * See attached FAA Approved Model List (AML) SA00670SE for list of approved airplane models and applicable airworthiness regulations

Maker: *

Model: *

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. SA00670SE.

Limitations and Conditions:

1. Approval of this change in type design extends to the airplane models listed on the AML with previously approved deicer boots. Intermix of these deicer boots with previously approved deicer boots is permitted.
2. The Maintenance Instructions for Continued Airworthiness contained in SMR Technologies Installation and Maintenance Manual, report # 97-33-047, Rev. 10, dated March 26, 2010, is required with this modification.
3. A copy of this certificate and the FAA Approved Model List (AML) No. SA00670SE, 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.

(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: July 29, 1998

Date reissued: May 4, 2000; July 17, 2002;
August 30, 2004, September 22, 2010

Date of issuance: February 19, 1999

Date amended: August 30, 2004; August 30, 2010;
February 16, 2011

By direction of the Administrator



Anthony Socias
(Signature)

Anthony Socias
Manager, New York Aircraft Certification Office

(Title)

Supplemental Type Certificate

(Continuation Sheet)

Number SA00670SE

Date of Amendment: February 16, 2011

Certification Basis: (Continued)

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Beech Baron and Duke series replacement of Goodrich pneumatic deicer boots is as shown on TCDS 3A16, A12CE, and A23CE for parts changed or affected by the change.

.....END.....

**FAA APPROVED MODEL LIST (AML) NO. SA00670SE
FOR INSTALLATION OF SMR TECHNOLOGIES PNEUMATIC DE-ICERS**

ISSUED FEBRUARY 19, 1999

ITEM	AIRPLANE MAKE	AIRPLANE MODEL & TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		PART NUMBER	REPLACEMENT FOR GOODRICH PART NUMBER	AML REVISION DATE
				NUMBER	REV			
1.	Hawker Beechcraft Corporation	95-B55/B55A (S/N TC-1657 THRU TC-1699, TC-1701 & UP), E55/E55A (S/N TE-978 & UP), 58/G58 (S/N TH-371 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-01	25S-7D5057-01	August 30, 2010
2.	Hawker Beechcraft Corporation	B60 (S/N P-253 THRU P-347, P-349 THRU P-364) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-01	25S-7D5057-01	August 30, 2010
3.	Hawker Beechcraft Corporation	58P/58PA(S/N TJ-3 THRU TJ-31, TJ-33 THRU TJ-37) TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-01	25S-7D5057-01	August 30, 2010
4.	Hawker Beechcraft Corporation	95-B55/B55A (S/N TC-1657 THRU TC-1699, TC-1701 & UP), E55/E55A (S/N TE-978 & UP), 58/G58 (S/N TH-371 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-02	25S-7D5057-02	August 30, 2010
5.	Hawker Beechcraft Corporation	B60 (S/N P-253 THRU P-347, P-349 THRU P-364) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-02	25S-7D5057-02	August 30, 2010
6.	Hawker Beechcraft Corporation	58P/58PA (S/N TJ-3 THRU TJ-31, TJ-33 THRU TJ-37) TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-02	25S-7D5057-02	August 30, 2010
7.	Hawker Beechcraft Corporation	95-B55/B55A (S/N TC-502 & UP) 95-C55/C55A TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-03	25S-7D5057-03	August 30, 2010
8.	Hawker Beechcraft Corporation	95-B55/B55A (S/N TC-502 & UP) 95-C55/C55A TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-04	25S-7D5057-04	August 30, 2010
9.	Hawker Beechcraft Corporation	B60 (S/N P-247 & UP) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-05	25S-7D5057-05	August 30, 2010
10.	Hawker Beechcraft Corporation	B60 (S/N P-247 & UP) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-06	25S-7D5057-06	August 30, 2010
11.	Hawker Beechcraft Corporation	58/G58 (S/N TH-461 & UP), E55/E55A (S/N TE-978 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-07	25S-7D5057-07	August 30, 2010
12.	Hawker Beechcraft Corporation	58P/58PA, 58TC/58TCA TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-07	25S-7D5057-07	August 30, 2010
13.	Hawker Beechcraft Corporation	58/G58 (S/N TH-461 & UP), E55/E55A (S/N TE-978 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-08	25S-7D5057-08	August 30, 2010


**FAA APPROVED MODEL LIST (AML) NO. SA00670SE
FOR INSTALLATION OF SMR TECHNOLOGIES PNEUMATIC DE-ICERS**

ISSUED FEBRUARY 19, 1999

ITEM	AIRPLANE MAKE	AIRPLANE MODEL & TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		PART NUMBER	REPLACEMENT FOR GOODRICH PART NUMBER	AML REVISION DATE
				NUMBER	REV			
14.	Hawker Beechcraft Corporation	58P/58PA, 58TC/58TCA TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-08	25S-7D5057-08	August 30, 2010
15.	Hawker Beechcraft Corporation	95-B55/B55A (S/N TC-502 & UP), 95-C55/C55A, 58/G58), E55/E55A (S/N TE-978 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-09	25S-7D5057-09	August 30, 2010
16.	Hawker Beechcraft Corporation	58P/58PA, 58TC/58TCA TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-09	25S-7D5057-09	August 30, 2010
17.	Hawker Beechcraft Corporation	B60 (S/N P-247 & UP) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-10	25S-7D5057-10	August 30, 2010
18.	Hawker Beechcraft Corporation	B60 (S/N P-348, P-365 & UP) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-11	25S-7D5057-11	August 30, 2010
19.	Hawker Beechcraft Corporation	58P/58PA (S/N TJ-32, TJ-38 & UP), 58TC/58TCA TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-11	25S-7D5057-11	August 30, 2010
20.	Hawker Beechcraft Corporation	58/G58 (S/N TH-669, TH-680 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-11	25S-7D5057-11	August 30, 2010
21.	Hawker Beechcraft Corporation	B60 (S/N P-348, P-365 & UP) TCDS # A12CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-12	25S-7D5057-12	August 30, 2010
22.	Hawker Beechcraft Corporation	58P/58PA (S/N TJ-32, TJ-38 & UP), 58TC/58TCA TCDS # A23CE	FAR 23	MDL-0013	Revision G, dated January 11, 2007	SMR5057-12	25S-7D5057-12	August 30, 2010
23.	Hawker Beechcraft Corporation	58/G58 (S/N TH-669, TH-680 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision G, dated January 11, 2007	SMR5057-12	25S-7D5057-12	August 30, 2010
24.	Hawker Beechcraft Corporation	58/G58 (S/N TH-1472 thru TH-1475, TH-1477 thru TH-1486, TH-1488 thru TH-1489, TH-1498 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision J, dated February 7, 2011	SMR5057-13	25S-7D5057-13	February 16, 2011
25.	Hawker Beechcraft Corporation	58/G58 (S/N TH-1472 thru TH-1475, TH-1477 thru TH-1486, TH-1488 thru TH-1489, TH-1498 & UP) TCDS # 3A16	CAR 3	MDL-0013	Revision J, dated February 7, 2011	SMR5057-14	25S-7D5057-14	February 16, 2011

**FAA APPROVED MODEL LIST (AML) NO. SA00670SE
FOR INSTALLATION OF SMR TECHNOLOGIES PNEUMATIC DE-ICERS**

ISSUED FEBRAURY 19, 1999

Approved: Francis Pien
Anthony Socias, 
Manager, New York Aircraft Certification Office

Amended: March 31, 1999; August 30, 2004; August 30, 2010, February 16, 2011

Reissued: May 4, 2000; August 30, 2004, September 22, 2010