



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

Engine and Propeller Directorate

New York Aircraft Certification Office
1600 Stewart Avenue
4th Floor, Suite 410
Westbury, NY 11590
(516) 228-7300, Fax: (516) 794-5531

NOV 23 2011

Mr. Brian Spencer
Director of Engineering
BE Aerospace, Inc.
DBA SMR Technologies, Inc.
93 Nettie Fenwick Rd
Fenwick, WV 26202-4000

Subject: Issuance of Supplemental Type Certificate ST03034NY

Dear Mr. Spencer:

This is in reference to your letter dated November 20, 2006 requesting the issuance of a Supplemental Type Certificate (STC) for Installation of SMR pneumatic de-icers on Cessna 500 and 550 model aircraft.

We have completed our evaluation of your STC project, FAA project number ST5661NY-T, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed STC ST03034NY, issued November 23, 2011, approving this installation.

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 attached copy of "Information Concerning Your Responsibility as a Holder of a Supplemental Type Certificate".

If you have any questions or comments, please contact Mr. Ezra Sasson at (516) 228-7320.

Sincerely,



Anthony E. Gallo 
Acting Manager, New York Aircraft Certification Office

Enclosures

1. STC ST03034NY dated November 23, 2011
2. Approved Model List SA03034NY, issued November 23, 2011
3. "Information Concerning Your Responsibility as a Holder of A Supplemental Type Certificate"

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

Number ST03034NY

This certificate issued to

BE Aerospace, Inc. DBA SMR Technologies, Inc.
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 * of the Federal Aviation Regulations.*

Original Product - Type Certificate Number : * See attached FAA Approved Model List (AML)
ST03034NY for list of approved airplane models and applicable
airworthiness regulations

Make : *

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. ST03034NY.

Limitations and Conditions:

1. Approval of this change in type design is for the airplane models listed on the AML with previously approved Goodrich deicer boots. Intermix of these deicer boots with previously approved Goodrich 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. ST03034NY, 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 : October 27, 2009

Date of issuance : November 23, 2011

Date reissued :

Date amended :

By direction of the Administrator



Francisco Pien

(Signature)

Anthony E. Gallo
Acting 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.

Supplemental Type Certificate

(Continuation Sheet)

Number ST03034NY

Date of Issuance: November 23, 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 Cessna 500 and 550 replacement of Goodrich pneumatic deicer boots is as shown on TCDS A22CE for parts changed or affected by the change.

.....END.....

**FAA APPROVED MODEL LIST (AML) NO. ST03034NY
BE AEROSPACE, INC. DBA SMR TECHNOLOGIES, INC.
FOR**

INSTALLATION OF PNEUMATIC DE-ICERS

ISSUED NOVEMBER 23, 2011

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL & TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		PART NUMBER	REPLACEMENT FOR GOODRICH PART NUMBER	AML AMENDMENT DATE
				NO.	Revision & Date			
1	Cessna Aircraft Company	500 S/N 500-0001 through 500-0349 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-01	(P) 25S-7D5059-01	
2	Cessna Aircraft Company	500 S/N 500-0001 through 500-0349 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-02	(P) 25S-7D5059-02	
3	Cessna Aircraft Company	500, 550 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-03	(P) 25S-7D5059-03	
4	Cessna Aircraft Company	500, 550 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-05	(P) 25S-7D5059-05	
5	Cessna Aircraft Company	500 S/N 500-0350 & Up TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-07	(P) 25S-7D5059-07	
6	Cessna Aircraft Company	500 S/N 500-0350 & Up TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-08	(P) 25S-7D5059-08	
7	Cessna Aircraft Company	550 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-09	(P) 25S-7D5059-09	
8	Cessna Aircraft Company	550 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-10	(P) 25S-7D5059-10	
9	Cessna Aircraft Company	500 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-11	(P) 25S-7D5059-11	
10	Cessna Aircraft Company	500 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-12	(P) 25S-7D5059-12	
11	Cessna Aircraft Company	500, 550 TCDS # A22CE	FAR 25	MDL-0017	Rev. G, dated June 6, 2011	SMR5059-13	(P) 29S-7D5059-13	

FAA Approved: France Poirier



Anthony E. Gallo
Acting Manager,
New York Aircraft Certification Office

**NEW ENGLAND REGION
NEW YORK AIRCRAFT CERTIFICATION OFFICE
1600 STEWART AVENUE, SUITE 410
WESTBURY, NEW YORK 11590**

**INFORMATION CONCERNING YOUR RESPONSIBILITY AS HOLDER OF A
SUPPLEMENTAL TYPE CERTIFICATE**


This STC is official indications of FAA approval of your installation and may be used to authorize identical installation on other aircraft of the same model, subject to the limitation noted in the STC. It may be transferred, or otherwise made available to another party by means of a licensee arrangement; however, you are requested to advise this office when you transfer or grant licensee rights to the STC in order that we may take the necessary recording or reissuance action.

If you plan to manufacture and sell parts for installation on type certificated aircraft, please review FAR 21.303, which is applicable to replacement and modification parts. Application for Parts Manufacturer Approval (PMA) may be made in letter form, listing the following information: (1) part name(s), (2) part number(s), (3) Drawing or Drawing List No. and Revision Level, (4) STC number, (5) model of type certificated product on which the part will be installed, and (6) a statement certifying that a fabrication inspection system has been established in accordance with FAR 21.303(h). This application should be addressed to the Federal Aviation Administration Manufacturing Inspection District Office (MIDO) or Manufacturing Inspection Satellite Office (MISO) in the geographical area in which your manufacturing facility is located.

As recipient of this approval, except as provided in FAR21.3 (d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in FAR 21.3(c).

The report should be communicated initially by telephone and subsequently in writing to the Manager, New York Aircraft Certification Office, telephone (516) 228-7300, mailing address: 1600 Stewart Avenue, Suite 410, Westbury, New York 11590. This first contact should take place within 24 hours after it has been determined that the failure required to be reported has occurred.

FAA Form 8010-4, Malfunction or Defect Report, or any other appropriate format is acceptable in transmitting the required details.



Anthony Socias
Manager,
New York Aircraft Certification Office