



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

Number: SA00523SE

This certificate issued to: SMR Acquisition LLC 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 therefore as specified hereon meets the airworthiness requirements of 23 of Federal Aviation Regulations.

Original Product *
 Type Certificate Number:

Make: *

Model: See attached FAA Approved Model List (AML) SA00523SE for list of approved models and applicable regulations.

Description of Type Design Change:

Replacement of certain Goodrich pneumatic de-icer boots in accordance with SMR Technologies, Inc. Installation Instructions as listed on Drawing SMR5041 revision 6, dated March 15, 2024 and detail design as listed on MDL-0005, revision T, dated April 29, 2024, or later FAA approved revisions. Approval of this change in type design extends to the models listed above with previously approved de-icer boots. Intermix of these de-icer boots with previously approved de-icer boots is permitted in accordance with drawing SMR5041.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. A copy of this certificate and the FAA Approved Model List (AML) No. SA00523SE must be maintained as part of the permanent records for the modified aircraft.
3. 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.
4. The existing aircraft Maintenance Instructions for Continued Airworthiness remain unchanged.

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: **September 4, 1997** Date Reissued: **June 13, 2001; September 22, 2010, October 31, 2021**

Date of Issuance: **May 21, 1998** Date Amended: **June 5, 1998; October 14, 1999; February 7, 2000; December 23, 2003; June 3, 2008; August 30, 2010; May 14, 2024**

By Direction of the Administrator

Signature:

Dewayne Bowles
 ODA Administrator

Title: SMR Technologies, Inc. ODA-810299-NE

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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

Number: SA00523SE

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: _____

To (Name and address of transferee):

From (Name and address of grantor):

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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

(Continuation Sheet)

Number: SA00523SE

Certification Basis:

Based on 14 CFR 21.115 and 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for these modification are as follows:

- a. The type certification basis for the Textron Aviation Inc aircraft are specified under TCDS A24CE & A31CE for parts not changed or not affected by the change.
- b. The type certification basis for the Textron Aviation Inc aircraft are specified under TCDS A4524CE & A31CE for parts changed or affected by the change with the following 14 CFR exceptions: None

-----END-----

Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

**FAA APPROVED MODEL LIST (AML) NO. SA00523SE
SMR TECHNOLOGIES, INC.
FOR INSTALLATION OF PNEUMATIC DE-ICERS**

Issue Date: May 14, 1998

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL & TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	Initial Approval Date	AML AMENDMENT DATE
1	Textron Aviation Inc	200, A200, B200 TC# A24CE	14 CFR 23	May 14, 1998	May 14, 2024
2	Textron Aviation Inc	F90A TC# A31CE	14 CFR 23	May 14, 1998	May 14, 2024
3	Textron Aviation Inc	300, 300LW, B300, B300C TC# A24CE	14 CFR 23	October 14, 1999	May 14, 2024
4	Textron Aviation Inc	200C, 200CT, 200T, B200C, B200T TC# A24CE	14 CFR 23	February 7, 2000	May 14, 2024
5	Textron Aviation Inc	A200C, A200CT, B200GT, B200CGT TC# A24CE	14 CFR 23	September 22, 2010	May 14, 2024

FAA Approved:



Dewayne Bowles
ODA Administrator
SMR Technologies, Inc. ODA-810299-NE

Amended: June 5, 1998; October 14, 1999; February 7, 2000; December 23, 2003; June 3, 2008; August 30, 2010; May 14, 2024

Reissued: June 13, 2001; September 22, 2010; October 31, 2021