



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

Number: SA00653SE

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 Part 23 of Federal Aviation Regulations.

Original Product

Type Certificate Number: *

Make: *

Model: * See attached FAA approved model list (AML) document number SA00653SE for the list of approved airplane models, applicable installation data, and applicable airworthiness 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 SMR5071, revision 3, dated July 20, 2020 and detail design as listed on MDL-0009, revision L, dated July 23, 2020. Approval of this change in type design extends to the models listed on the AML with previously approved de-icer boots. Intermix of these de-icer boots with previously approved de-icer boots is permitted.

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. SA00653SE 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: April 30, 1998

Date Reissued: May 4, 2000; August 30, 2004; Jul 24, 2020

Date of Issuance: December 14, 1998

Date Amended: July 24, 2020

By Direction of the Administrator

Signature:

Dewayne Bowles

Title: ODA Administrator

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).



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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)



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Supplemental Type Certificate

(Continuation Sheet)

Number: SA00653SE

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 M7 Aerospace LLC aircraft are specified under TCDS A5SW, A8SW, and A18SW for parts not changed or not affected by the change.
- b. The type certification basis for the M7 Aerospace LLC aircraft are specified under TCDS A5SW, A8SW, A18SW for parts changed or affected by the change with the following 14 CFR exceptions: None

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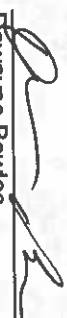
Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with Title 14 of the Code 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. SA006535E
SMR TECHNOLOGIES, INC.
FOR INSTALLATION OF PNEUMATIC DE-ICERS**

Issue Date: December 14, 1998

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS NO.	REVISIONS & DATE	PART NUMBER	REPLACEMENT FOR GOODRICH PART NUMBER	AML AMENDMENT DATE
1	M7 Aerospace LLC	SA226-T, SA226-AT, SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-01	25S-5D5071-01	August 30, 2004
2	M7 Aerospace LLC	SA226-T, SA226-AT, SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-02	25S-5D5071-02	August 30, 2004
3	M7 Aerospace LLC	SA226-T, SA226-AT, SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-03	25S-5D5071-03	August 30, 2004
4	M7 Aerospace LLC	SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-13	25S-5D5071-13	August 30, 2004
5	M7 Aerospace LLC	SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-14	25S-5D5071-14	August 30, 2004
6	M7 Aerospace LLC	SA227-AT, SA227-TT	A5SW	CAR 3	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-15	25S-5D5071-15	August 30, 2004
7	M7 Aerospace LLC	SA226-T, SA227-AT, SA227-TT	A8SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-01	25S-5D5071-01	August 30, 2004
8	M7 Aerospace LLC	SA226-T, SA227-AT, SA227-TT	A8SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-02	25S-5D5071-02	August 30, 2004
9	M7 Aerospace LLC	SA226-T, SA227-AT, SA227-TT	A8SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-03	25S-5D5071-03	August 30, 2004
10	M7 Aerospace LLC	SA227-AC	A8SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-13	25S-5D5071-13	August 30, 2004
11	M7 Aerospace LLC	SA227-AC	A8SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-14	25S-5D5071-14	August 30, 2004
12	M7 Aerospace LLC	SA227-AC	A8SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-15	25S-5D5071-15	August 30, 2004
7	M7 Aerospace LLC	SA227-CC, SA227-DC	A18SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-01	25S-5D5071-01	July 24, 2020
8	M7 Aerospace LLC	SA227-CC, SA227-DC	A18SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-02	25S-5D5071-02	July 24, 2020
9	M7 Aerospace LLC	SA227-CC, SA227-DC	A18SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-03	25S-5D5071-03	July 24, 2020
10	M7 Aerospace LLC	SA227-CC, SA227-DC	A18SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-13	25S-5D5071-13	July 24, 2020
11	M7 Aerospace LLC	SA227-CC, SA227-DC	A18SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-14	25S-5D5071-14	July 24, 2020
12	M7 Aerospace LLC	SA227-CC, SA227-DC	A18SW	FAR 23	MDL-0009	Rev. L, dated July 23, 2020	SMR5071-15	25S-5D5071-15	July 24, 2020

FAA Approved:


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

Date Amended: March 1, 1999; August 30, 2004; July 24, 2020
 Date Reissued: May 4, 2000; August 30, 2004; July 24, 2020