



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

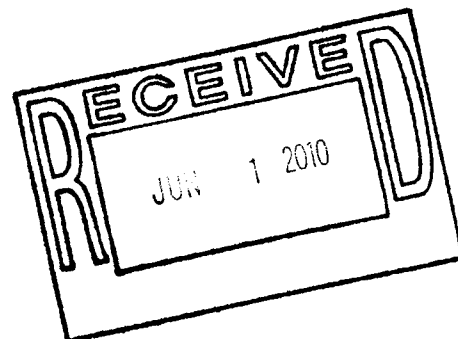
Engine & Propeller Directorate

Manufacturing Inspection District Office -44  
400 Airport Drive, Bldg. 201, Rm 102  
New Cumberland, PA 17070-3419

Tel: (717) 782 - 4425 Fax: (717) 782 - 2231

May 21, 2010

Mr. Willis Green  
Technical Field Support  
SMR Technologies, Inc.  
A B/E Aerospace Company  
93 Nettie Fenwick Road  
Fenwick, WV 26202-4000



Dear Mr. Green:

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR) Part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, based on Licensing Agreement with Vulcanair Aircraft S.p.A. with letter dated April 22, 2010 meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that SMR Technologies Incorporated, A B/E Aerospace Company has established the fabrication inspection system required by § 21.303(h) at 93 Nettie Fenwick Road Fenwick, WV 26202-4000. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 85.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated February 26, 1999, PMA Supplement No. 28 also apply to the enclosed PMA Listing Supplement No. 85. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Stacy L. Ratliff  
Manager

Enclosure:  
SMR Technologies, Inc. PMA Supplement No. 85

cc:

AIR-140

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

SMR Technologies,  
A B/E Aerospace Company  
93 Nettie Fenwick Rd  
Fenwick, WV 26202-4000

PMA No.: PQ0845NE  
Supplement No.: 85  
Date: May 21, 2010

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis & Approved Design Data	Make Eligibility	Model Eligibility
Pneumatic Deicer	SMR5039-01	7.8151-1	Licensing agreement between Vulcanair Aircraft S.p.A. and SMR Technologies dated April 22, 2010; DWG7.8131 rev B or later FAA approved revision	Vulcanair Aircraft S.p.A.  TC A31EU	P68 P68B, P68R, P68C, P68C-TC, P68 Observer, P68 Observer 2, P68TC Observer
Pneumatic Deicer	SMR5039-03	R.0466-1	“ DWGR.0466 rev. A or later FAA approved revision	“	P68, P68B, P68R (only S/N 40) P68C (up to S/N 250, excluded S/N 243), P68C-TC (up to S/N 312), P68 Observer (up to S/N 250, excluded S/N 243)
Pneumatic Deicer	SMR5039-04	R.0466-2	“ DWGR.0466 rev. A or later FAA approved revision	“	P68, P68B, P68R (only S/N 40) P68C (up to S/N 250, excluded S/N 243), P68 Observer (up to S/N 250, excluded S/N 243)
Pneumatic Deicer	SMR5039-05	7.8151-5	“ DWG7.8131 rev. B or later FAA approved revision	“	P68 P68B, P68R, P68C, P68C-TC, P68 Observer, P68 Observer 2, P68TC Observer
Pneumatic Deicer	SMR5039-07	7.8151-7	“ DWG7.8131 rev. B or later FAA approved revision	“	P68 P68B, P68R, P68C, P68C-TC, P68 Observer, P68 Observer 2, P68TC Observer
Pneumatic Deicer	SMR5039-08	R.0466-3	“ DWGR.0466 rev. A or later FAA approved revision	“	P68C-TC (up to S/N 312)
Pneumatic Deicer	SMR5039-09	7.8151-3	DWG7.8131 rev. B or later FAA approved revision	“	P68R (from S/N 430) P68C (from S/N 251, plus S/N 243), P68C-TC (from S/N 313), P68 Observer (from S/N 251, plus S/N 243), P68 Observer 2, P68TC Observer
Pneumatic Deicer	SMR5039-10	7.8151-4	“ DWG7.8131 rev. B or later FAA approved revision	Vulcanair Aircraft S.p.A.  TC A31EU	P68R (from S/N 430) P68C (from S/N 251, plus S/N 243), P68 Observer (from S/N 251, plus S/N 243), P68 Observer 2

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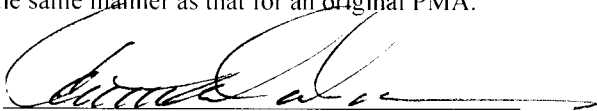
PMA No.: PQ0845NE  
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Pneumatic Deicer	SMR5039-12	7.8151-12	“ DWG7.8131 rev. B or later FAA approved revision	“	P68C-TC (from S/N 313), P68TC Observer
Pneumatic Deicer	SMR5181-01	A-7.8535-001	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600
Pneumatic Deicer	SMR5181-02	A-7.8535-002	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600
Pneumatic Deicer	SMR5181-03	A-7.8535-003	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600
Pneumatic Deicer	SMR5181-04	A-7.8535-004	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600
Pneumatic Deicer	SMR5181-05	A-7.8535-005	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600 (only S/N 9001 and 9002)
Pneumatic Deicer	SMR5181-07	A-7.8535-007	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600
Pneumatic Deicer	SMR5181-08	A-7.8535-008	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP300, AP68TP600
Pneumatic Deicer	SMR5181-09	A-7.8535-009	“ DWGA-7.8533 rev. A or later FAA approved revision	“	AP68TP600 (from S/N 9003)

-----END OF LISTING-----

**Note:** The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original parts used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement parts. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA parts must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR § 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original PMA.

FAA APPROVED:

  
Stacy L. Ratliff, Manager, ANE-MIDO-44  
Manufacturing Inspection District Office  
New Cumberland, Pennsylvania