



FAA APPROVED  
AIRPLANE FLIGHT MANUAL SUPPLEMENT #04-33-051  
FOR  
ICE SHIELD DE-ICING BOOTS

This supplement must be attached to the FAA approved flight manual when the SMR Technologies Ice Shield de-icing boots are installed in accordance with STC SA02017NY. The information contained in this document supplements or supersedes the basic manual only in those areas listed. For limitations, procedures, performance, and loading information not contained in this supplement, consult the basic FAA airplane flight manual.

FAA-Approved *Michelle J. Maurer*  
Vito A. Pulera, Manager  
New York Aircraft Certification Office, ANE-170  
Federal Aviation Administration

FAA APPROVED: OCT 26 2004



AIRPLANE FLIGHT MANUAL SUPPLEMENT #04-33-051

### Revisions

Date	Rev.	Description of Change	Approval
	IR	New Report	<i>M. J. Maurer for [unclear]</i>



AIRPLANE FLIGHT MANUAL SUPPLEMENT #04-33-051

TABLE OF CONTENTS	SECTION
GENERAL.....	1
LIMITATIONS.....	2
EMERGENCY PROCEDURES.....	3
NORMAL PROCEDURES.....	4
PERFORMANCE.....	5
LOADING INFORMATION.....	6



AIRPLANE FLIGHT MANUAL SUPPLEMENT #04-33-051

## **SECTION 1 GENERAL**

The SMR Ice Shield de-icing boots are certified as direct replacements for the original equipment Goodrich Type 23. FAA policy requires the certification of replacement de-icing boots through the use of a Supplemental Type Certificate. The SMR Ice Shield de-icing boots are a direct replacement for the original equipment Goodrich de-icing boots. The ice protection system remains unchanged and will continue to operate in accordance with the existing aircraft flight manual.

## **SECTION 2 LIMITATIONS**

There is no change to the airplane limitations when the SMR Ice shield de-icing boots are installed. The SMR Ice Shield de-icing boots have been certified as a direct replacement for the original de-icing boots of this aircraft and do not change the original certification basis of the aircraft. This aircraft was certificated with ice protection systems to CAR 3 requirements and has not demonstrated compliance with the icing environment requirements of FAR 25, Appendix C.

## **SECTION 3 EMERGENCY PROCEDURES**

There is no change to the airplane emergency procedures when the SMR Ice Shield de-icing boots are installed.

## **SECTION 4 NORMAL PROCEDURES**

There is no change to the airplane normal procedures when the SMR Ice Shield de-icing boots are installed.

## **SECTION 5 PERFORMANCE**

There is no change to the airplane performance when the SMR Ice Shield de-icing boots are installed.

## **SECTION 6 LOADING INFORMATION**

There is no change in the aircraft loading information when the SMR Ice Shield de-icing boots are installed.