



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

**Small Airplane Directorate  
Atlanta Manufacturing  
Inspection District Office**  
1701 Columbia Avenue  
College Park, GA 30337

June 3, 2013

**PQ4009CE**


Aircraft Battery Shop, LLC  
163 Business Park Dr., Suite 7  
Lebanon, TN 37090

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, Articles, and Parts, subpart K, the FAA has found that the design data, based on Test and Computation submitted by Aircraft Battery Shop, LLC, with your letters dated January 8, 2013 and January 22, 2013 meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Aircraft Battery Shop, LLC, has established the quality system required by § 21.307 at 163 Business Park Dr., Suite 7, Lebanon, TN 37090. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 21.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated October 22, 2008, also apply to the enclosed PMA Listing -Supplement No. 21. The enclosed Supplement should be retained with the original PMA Letter as evidence of approval to produce the articles concerned.

Sincerely,

  
For Greg Benson, Manager  
Atlanta Manufacturing  
Inspection District Office

**FEDERAL AVIATION ADMINISTRATION - ARTICLES MANUFACTURER APPROVAL**

**Aircraft Battery Shop  
163 Business Park Dr., Suite 7  
Lebanon, TN 37090**

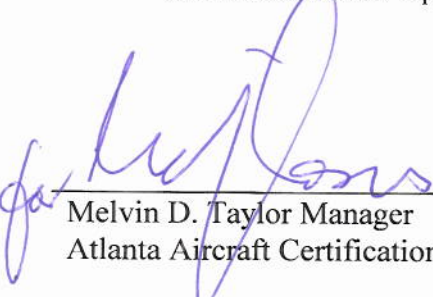
**PMA NO.: PQ4009CE  
SUPPLEMENT NO.: 21  
DATE: June 3, 2013**


ARTICLE NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Battery Pack	ABS-3301-31	3301-31	Test and Computation per 14 CFR § Part 21.303 <u>Dwg No:</u> ABS-1036A, <u>Rev:</u> Org. <u>Date:</u> Jan. 09, 2010 or later FAA-approved revisions	SAAB AB, Saab Aerosystems	SAAB 2000
Battery Pack	ABS-2013-1A	2013-1A	Test and Computation per 14 CFR § Part 21.303 <u>Dwg No:</u> ABS-1005A, <u>Rev:</u> 2 <u>Date:</u> Oct. 27, 2011 or later FAA-approved revisions	Bombardier, Inc.	Challenger BD-100-1A10

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

NOTE:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA Approved ICA for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.

  
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Melvin D. Taylor Manager  
Atlanta Aircraft Certification Office

  
for \_\_\_\_\_  
Greg Benson, Manager  
Atlanta Manufacturing  
Inspection District Office