



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

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

May 9, 2011

PQ4009CE

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

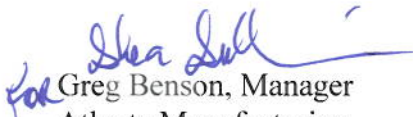
FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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 letter dated February 21, 2011 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. 14.

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. 14. 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 - PARTS MANUFACTURER APPROVAL

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


**PMA NO.: PQ4009CE
SUPPLEMENT NO.: 14
DATE: May 9, 2011**

ARTICLE NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Battery Pack	ABS-312BS801-1	Boeing <u>P/N</u> : 312BS801-1	Test and Computation per 14 CFR § 21.303 <u>Dwg No</u> : ABS-1039A, <u>Rev</u> : Orig, <u>Date</u> : June 22, 2010, or later FAA-approved revisions	The Boeing Company	747-400 Series,


-----**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 article with their designs. These ICA may refer to those of the respective article 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.



Melvin D. Taylor
Manager, Atlanta Aircraft
Certification Office



For Greg Benson
Manager, Atlanta Manufacturing
Inspection District Office