



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

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

April 12, 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, we have found that the design data, based on Test and Computation submitted by Aircraft Battery Shop, LLC, with E-mail dated April 5, 2011 meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that Aircraft Battery Shop, LLC, has established the fabrication inspection system required by 14 CFR § 21.303 at 163 Business Park Dr., Suite 7, Lebanon, TN 37090. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Amended Supplement No. 13 in conformity with the enclosed FAA approved design data.

You are reminded that the provisions of 14 CFR, noted in our PMA letter of approval dated October 22, 2008, also apply to the enclosed Amended PMA Listing-Supplement No. 13. The enclosed Supplement should be retained with the original PMA Letter as evidence of approval to produce the parts 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.: 13
 DATE: March 28, 2011
 AMENDED: April 12, 2011

| PART NAME | PART NUMBER | APPROVED REPLACEMENT FOR PART NUMBER | APPROVAL BASIS & APPROVED DESIGN DATA | MAKE ELIGIBILITY | MODEL ELIGIBILITY |
|------------------|--------------------|--|--|-----------------------------|---|
| Battery Pack | ABS-2013-1A | Boeing <u>P/N: 2013-1A</u> | Test and Computation per 14 CFR § Part 21.303 <u>Dwg No: ABS-1005A,</u> <u>Rev: 1,</u> <u>Date: Aug. 18, 2009</u> or later FAA-approved revisions. | Boeing | 747-400 Series, |
| Battery Pack | ABS-D717-01-100 | Sikorsky <u>P/N: 92550-01901- 102</u> | Test and Computation per 14 CFR § Part 21.303 <u>Dwg No: ABS-1031A,</u> <u>Rev: Orig,</u> <u>Date: May 13, 2008</u> or later FAA-approved revisions. | Sikorsky | S-92A |
| Battery Pack | ABS-MISC-062 | Honeywell <u>P/N: MISC-062</u> <u>P/N: 55-2713-1</u> Marathon <u>P/N: S-106</u> Installed on Airbus BAC 1-11 <u>P/N: 11-0283-3</u> <u>P/N: 10-0067-9</u> | Test and Computation per 14 CFR § Part 21.303 <u>Dwg No: ABS-1003A,</u> <u>Rev: 1</u> <u>Date: Nov. 19, 2010</u> or later FAA-approved revisions. | Airbus | British Aerospace 1-11 200 Series 1-11 400 Series |

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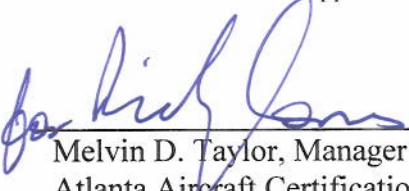
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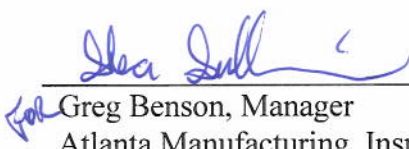
| <u>PART NAME</u> | <u>PART NUMBER</u> | <u>APPROVED REPLACEMENT FOR PART NUMBER</u> | <u>APPROVAL BASIS & APPROVED DESIGN DATA</u> | <u>MAKE ELIGIBILITY</u> | <u>MODEL ELIGIBILITY</u> |
|------------------|--------------------|---|---|-----------------------------|--|
| Battery Pack | ABS-S1356-10A | Boeing <u>P/N: S1356-10A</u> | Test and Computation per 14 CFR § Part 21.303 <u>Dwg No: ABS-1032A,</u> <u>Rev: 1</u> <u>Date: Nov. 08, 2010</u> or later FAA-approved revisions. | Boeing | 747-100 Series 747-200B Series 747-200F Series 747-200C Series 747-300 Series 747SP |

-----**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 parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.


Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office


Greg Benson, Manager
Atlanta Manufacturing Inspection District Office