



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

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

June 25, 2012

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 July 13, 2011 and April 18, 2012 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. 17.

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. 17. The enclosed Supplement should be retained with the original PMA Letter as evidence of approval to produce the articles concerned.

Sincerely,

fop 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.: 17
DATE: June 25, 2012

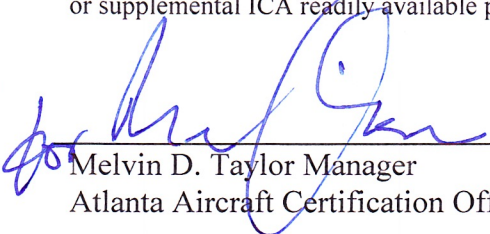
ARTICLE NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Battery Pack	ABS-4016	L3 Communications Avionics Systems P/N: 549-1170-01 Installed in L3 Communications Avionics Systems P/N: 501-1228-04	Test and Computation per 14 CFR § Part 21.303 <u>Dwg No:</u> ABS-1000A <u>Rev:</u> 1 <u>Date:</u> Jul. 15, 2011 or later FAA-approved revisions	Empresia Brasileira de Aeronautica S.A	Embraer ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU Embraer ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-200 STD, ERJ 190-200 LR, ERJ 190-200 IGW
Battery Pack	ABS-4063P	Radiant Power Corp. P/N: 2017 Installed in Radiant Power Corp. P/N: RPS1B	Test and Computation per 14 CFR § Part 21.303 <u>Dwg No:</u> ABS-1023A <u>Rev:</u> 1 <u>Date:</u> Oct. 05, 2009 or later FAA-approved revisions	Bombardier, Inc.	CL-600-2D15 (Regional Jet Series705) CL-600-2D24 (Regional Jet Series 900)

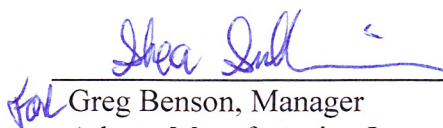
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NOTE:

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.

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.


 Melvin D. Taylor Manager
 Atlanta Aircraft Certification Office


 Greg Benson, Manager
 Atlanta Manufacturing Inspection District Office