



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

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

October 21, 2014

**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 July 17, 2014 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. 24.

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

Sincerely,

  
FOA 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.: 24  
DATE: October 21, 2014

ARTICLE NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Battery Pack	ABS-549-1548-01	L-3 Avionics / BF Goodrich P/N: 549-1548-01  Installed in:  L-3 Avionics / BF Goodrich P/N: 501-1228-02, 501-1128-04, 501-1228-06, 501-1228-07  Hawker Beechcraft P/N: 501-1228-04, 501-1228-06  Cessna P/N: 501-1228-02, 501-1228-04  Embraer P/N: 501-1228-04  Saab P/N: 501-1228-04, 501-1712-02	Test and Computation per 14 CFR § Part 21.303  <u>Dwg No:</u> ABS-1037A, <u>Rev:</u> Orig, <u>Date:</u> Jun. 20,2014 or later FAA-approved revision	Cessna Aircraft Co.  Beechcraft Corporation  Embraer S.A.  Embraer S.A.  Embraer S.A.  Embraer S. A.  Saab AB, Saab Aerosystems	Cessna 650  Hawker Beechcraft 400, 400A, 400T  EMB-135ER, EMB-135LR, EMB-315KE, EMB-135KL, EMB-135BJ,  EMB-145, EMB-145ER, EMB-145MR, EMB-145LR, EMB-145XR, EMB-145MP, EMB-145EP  ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU  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  Saab AB 340A (SAAB/SF340A), SAAB 340B

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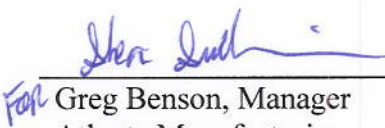
ARTICLE NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Battery Pack	ABS-549-1548-02	L-3 Avionics / BF Goodrich P/N: 549-1548-02	Test and Computation per 14 CFR § Part 21.303 <u>Dwg No: ABS-1042A,</u> <u>Rev: Orig,</u> <u>Date: Jun. 20,2014</u> or later FAA-approved revision	Cessna Aircraft Company	Cessna 650
		L-3 Avionics / BF Goodrich P/N: 501-1228-02, 501-1228-04, 501-1228-06, 501-1228-07		Saab AB, Saab Aerosystems	Saab AB 340A (SAAB/SF340A), SAAB 340B
		Cessna P/N: 501-1228-01, 501-1228-03			
		Saab AB P/N: 501-1228-04, 501-1712-02			

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

NOTE:

- 1) Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA accepted the ICA approach 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