



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

**Transport Airplane Directorate
Aircraft Certification Service**

1601 Lind Avenue Southwest
Renton, Washington 98057-3356

AUG 20 2013

In Reply
Refer To: 130S-13-296

Ms. Patti Beauregard
Regulatory Affairs Specialist
Philips Medical Systems
22100 Bothell Everett Highway
Bothell, WA 98021

Dear Ms. Beauregard:

Subject: Technical Standard Order (TSO) C142a Authorization of Philips FR3
Automatic External Defibrillator (AED) Aviation Battery

References: (1) Application for TSO Authorization, Philips Medical Systems Letter, dated
March 15, 2013
(2) Request for Correction of TSO Authorization, Philips Medical Systems
Letter, dated August 5, 2013

This letter supersedes Federal Aviation Administration (FAA) letter 130S-13-218, dated June 20, 2013, to correct the model number for Part Number 013173-0005. The incorrect model number was 989803150161 which was provided in the reference (1) application. The part number and description remain the same. Please destroy FAA Letter 130S-13-218.

This is in reply to the reference (2) letter requesting the correct model number on the reference (1) application requesting TSO authorization for your FR3 AED Aviation Battery, which submitted the documents listed in the enclosure. The FAA accepts Philips statement certifying that these articles meet the requirements of TSO-C142a when installed in accordance with Philips operating and installation instructions, and that Philips meets the requirements of Title 14 Code of Federal Regulations (CFR) part 21, subpart O. Effective the date of this letter, you are authorized to identify the following FR3 AED Aviation Battery with the marking requirements defined in 14 CFR section (§) 21.616(d)(e), § 45.15(b), and in TSO C142a.

PART NUMBER	MODEL NUMBER	DESCRIPTION
013173-0005	989803150171	FR3 AED Aviation Battery Assembly

This TSO authorization is not an installation approval. You must apply for a separate installation approval so we can determine if the data is applicable and sufficient to show compliance with the airworthiness regulations for the product where the article is to be installed.

We consider Philips quality system, as defined in Philips Quality Manual, Document Number QM, Revision Y, dated May 17, 2012, or later FAA-accepted revisions, satisfactory for production of these articles at the Bothell, Washington facility.

This TSO authorization, issued under § 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of § 21.613. With notice, we may withdraw this TSO authorization if articles aren't in compliance with the applicable TSO performance standards per § 21.2. Per § 21.614, a holder of a TSO authorization may not transfer it. If you wish to transfer the TSOA, you must request a transfer from the FAA.

You must obtain FAA approval prior to making any changes to the location of your manufacturing facilities pursuant to § 21.609(b).

Without further FAA approval, we don't allow manufacturers to mark articles after they change their company's name, address, or ownership. You must notify the ACO and MIDO of name, address, or proposed ownership changes.

Send to the office below any design change(s) for this TSO article as outlined in § 21.619(a). You should notify us of minor design changes within six months. Also, as recipient of this authorization, we require you to report any failure, malfunction, or defect relating to articles produced under this authorization in accordance with the provisions of § 21.3.

Please note that technical data the FAA retains may be subject to Freedom of Information Act requests. This office will notify you of any request pertaining to your data and give you the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, contact Mr. Dean R. Thompson with the Systems and Equipment Branch, at telephone number (425) 917-6409.

Sincerely,



Ross Landes
Manager, Seattle Aircraft
Certification Office

Enclosure
FAA Submittal Documents

FAA Submittal Documents

DOCUMENT	Number	Date / Rev
TSO Application Data Requirements		
Statement Of Conformance	None	8/5/2013 / None
Operating Instructions and Equipment Limitations	Philips 453564069251	November 15 2012 / A8
Operating Instructions and Equipment Limitations	Philips 453564358322	July 2013 / 7
Installation Procedures and Limitations	Philips 453564358182	July 2013 / 2
Schematic Drawings Of Installation Procedures	Philips 013173-0005	March 14 2013 / A7
Wiring Diagrams Of Installation Procedures	Philips 013173-0005	March 14 2013 / A7
List Of Components	Philips 013173-0005	March 14 2013 / A7
Component Maintenance Manual	None*	None*
Material and Process Specifications	Philips 013173-0005 Volta (Philips) 013875 Philips 014001-0007 Volta (Philips) 013875	March 14 2013 / A7 April 18 2011 / C May 4 2011 / A April 18 2011 / C
Quality Control System	Philips QM	May 17 2012 / Y
Qualification Test Report	Philips LC0335-001 Mobile Power Solutions P5-818	February 21 2013 / A February 20 2013 /None
Nameplate Drawing	Philips 013178-0004	January 16 2012 / B1
Drawings and Processes To Define Article	Philips 013173-0005	March 14 2013 / A7
Environmental Qualifications	Philips LC0335-001 Mobile Power Solutions P5-818	February 21 2013 / A February 20 2013 /None
Functional Qualification Specifications	Volta (Philips) 013654 Philips IP0397	December 3 2009 / B February 12 2013 / A
Equipment Calibration Procedures	Philips P01019	November 7 2011 / T
Corrective Maintenance Procedures	None *	None*

* Battery is a remove and replace item.

Revisions with a letter and number will be issued and become just the letter (i.e A7 will become A).