



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

Small Airplane Directorate
Atlanta Aircraft Certification Office
1701 Columbia Ave.
College Park, Georgia 30337

JUL 21 2015

Mr. Dan Stankovic
Director of Certification and Test
ACR Electronics, Inc.
5757 Ravenswood Road
Fort Lauderdale, FL 33312

In reply, refer to FAA Correspondence #: 119A-15201-01

Dear Mr. Stankovic:

Technical Standard Order (TSO) C142a Approval for
Artex A3-06-2883 Battery Pack

We received your letter, dated June 24, 2015, in which you certified that the Artex, Inc. Model A3-06-2883 Battery Pack meets the Code of Federal Regulations (CFR) Part 21, Subpart 0, and the standards of TSO-C142a for Non-Rechargeable Lithium Cells and Batteries.

Your certification is acceptable. Your quality control manual has been previously approved by the FAA, and is on file in the Orlando Manufacturing Inspection District Office, ACE-ORL-MIDO. The following documents, submitted with your letter, have been reviewed and added to our files in support of your application:

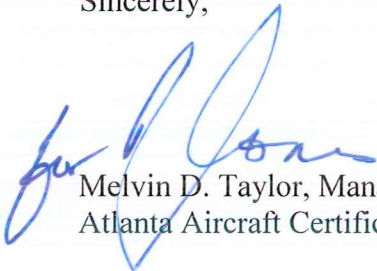
TSO Para.	TSO Data Requirements	ACR Electronics, Inc (or Artex, Inc.) Document Number
5.a.	Operating Instructions and Limitations	Y1-03-0282, Revision T2, Dated 05-08-15
5.b.	Installation Procedures and Limitations	Y1-03-0282, Revision T2, Dated 05-08-15
5.c.	Schematic Drawing	Y1-01-0780, Revision A, Dated 09-29-14
5.d.	Wiring Diagrams	Y1-01-0780, Revision A, Dated 09-29-14
5.e.	List of Components by Part Number	A3-06-2883, Revision B, Dated 02-20-15
5.f.	Component Maintenance Manual	Y1-03-0282, Revision T2, Dated 05-08-15
5.g.	Material and Process Specification List	A3-06-2883, Revision B, Dated 02-20-15

5.h.	Quality Control System Description, Including functional test specifications	Y1-03-0282, Revision T1, Dated 05-08-15
5.i.	TSO Qualification Test Report	TSO-142a Approval for cells U10028 and U10029, Dated 11-05-12 U10028 and U10029 TSO-C142A Test Report, Dated 04-06-13 20183-1, Dated 04-20-15
5.j.	Nameplate Drawing	A1-20-1798, Revision B, Dated 02-10-15
5.k.	Drawing List	A3-06-2883, Revision B, Dated 02-20-15
5.l.	Environmental Qualification Form	Y1-03-0282, Revision T2, Dated 05-08-15 and ACR "TSO C142a Certification of A3-06-2883 Battery" application letter, dated June 24, 2015

Effective this date, you are authorized to use TSO procedures as prescribed in Subpart O of CFR Part 21, and to identify the Artex Model A3-06-2883 Battery Pack with the applicable TSO marking as required by TSO-C142a. This office must be notified of any design or manufacturing changes to the Model A3-06-2883 as outlined in CFR 21.611(a), with minor change submittal intervals not to exceed six months. As a TSO manufacturer, you are required to report to the FAA any failure, malfunctions, or defect related to your TSO authorization in accordance with the provisions of CFR 21.3. You must also notify the FAA when you no longer manufacture the TSO-approved article, as required by CFR 21.613(b).

This authorization pertains only to the manufacturing operations at the above address, And this office must be notified in advance of any proposed relocation. If you have any questions, please contact John Lee by email at John.Lee@faa.gov or by phone at 404-474-5568.

Sincerely,



Melvin D. Taylor, Manager,
Atlanta Aircraft Certification Office