



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

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

SEP 11 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-15246-05**

Dear Mr. Stankovic:

Technical Standard Order (TSO) C126b, Approval for Artex  
Emergency Locator Transmitter (ELT) Model ELT 345

We received your letter, dated August 10, 2015, in which you certified that the Artex Model ELT 345 meets the Code of Federal Regulations (CFR) Part 21, Subpart 0, and the standards of TSO-C126b for 406 MHz ELTs.

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 Requirement	ARC Electronics, Inc. Document
5.a.(1)	Operating Instructions and Limitations	Document Y1-03-0282, Rev T2, dated May 8, 2015
5.a.(2)	Details of Any Deviations	No deviations exist. ACR_Letter to FAA_ELT 345 TSO-126b
5.a.(3)	Installation Procedures and Limitations	Document Y1-03-0282, Rev T2, dated May 8, 2015



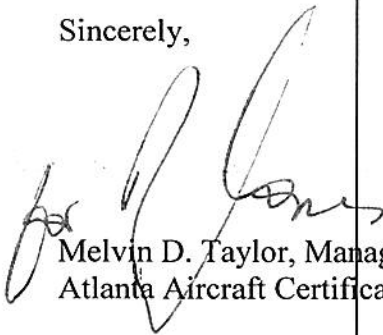
TSO Para.	TSO Requirement	ARC Electronics, Inc. Document
5.a.(4) 5.c.	Software Documentation (The software is produced to Design Assurance Level D.)	1) Document Y1-12-0003, Rev. B2, dated June 12, 2015 2) Document Y1-12-0005, Rev. A2, dated June 3, 2015 3) Document K3-01-0106, Rev. C3, dated June 12, 2015
5.a.(5)	Environmental Qualification Form per RTCA/DO-160G, Appendix A for each component	Document Y1-03-0282, Rev T2, dated May 8, 2015
5.a.(6)	Schematic Diagrams and Wiring Diagrams	Document Y1-01-0778, Rev B1, dated July 7, 2015 Document Y1-01-0731, Rev F, dated March 1, 2013 Document Y1-01-0780, Rev A, dated September 29, 2014 Document Y1-01-0761, Rev A, dated March 20, 2014 Document Y1-03-0282, Rev T2, dated May 8, 2015
5.a.(7)	List of Replaceable Components by Part Number	Document Y1-03-0282, Rev T2, dated May 8, 2015
5.b.	Component Maintenance Manual	Document Y1-03-0282, Rev T2, dated May 8, 2015
5.d.	Nameplate Drawing	Document A1-20-1787, Rev A, December 16, 2014 Document A1-20-1788, Rev A, December 18, 2014
5.e.	Non-TSO Functions	Document Y1-03-0200, Rev A, dated July 15, 2015
5.f.	Quality Control System Description, Including functional test specifications	Document Y1-03-0282, Rev T2, dated May 8, 2015 Document Y1-02-0538, Rev B, dated March 25, 2015 Document 4156, Rev H, dated March 24, 2015 Document Y1-02-0497, Rev B, dated March 25, 2015 Document Y1-02-0513, Rev C, dated March 25, 2015 Document 4300, Rev E, dated January 15, 2013 Document 4312, Rev N, dated March 24, 2015 Document 4261, Rev F, dated March 25, 2015 Document QSM-422, Rev U, dated October 12, 2012
5.g.	Material and Process Specification List	Document A3-06-2880, Rev A, dated January 20, 2015 Document A3-06-2883, Rev B, dated February 20, 2015 Document A3-06-2882 Rev A, dated January 23, 2015
5.h.	Drawing List	Document Y1-08-0345 Rev A, dated July 15, 2015
5.i.	TSO Qualification Test Report	Document Y1-13-0200 Rev A, dated July 15, 2015

TSO Para.	TSO Requirement	ARC Electronics, Inc. Document
5.j.	Cospas-Sarsat Type Approval Certificate	Cospas-Sarsat Type Approval Certificate # 267

Effective this date, you are authorized to use TSO procedures as prescribed in Subpart O of CFR Part 21, and to identify the Model ELT 345 with the applicable TSO marking as required by TSO-C126b. This office must be notified of any design or manufacturing changes to the Model ELT 345 as outlined in CFR 21.619(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](mailto:John.Lee@faa.gov) or by phone at 404-474-5568.

Sincerely,



Melvin D. Taylor, Manager  
Atlanta Aircraft Certification Office