



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

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

MAR 28 2014

Mr. Wallace Isom
Program Manager
ACR Electronics, Inc.
5757 Ravenswood Road
Fort Lauderdale, FL 33312

Dear Mr. Isom:

Technical Standard Order (TSO) C91a and C126, Approval for the 406 MHz Artex
Emergency Locator Transmitter (ELT) Models: ME406, ME406P, and ME406HM ELT

We received your letter, dated January 13, 2014, in which you certified that the Artex
Model ME406 series ELTs meets the Code of Federal Regulations (CFR) Part 21, Subpart 0, and
the standards of TSO-C91a and TSO-C126 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	ACR Electronics, Inc Document
C126 c.(1)(i) C91a c.(1)(i)	Operating Instructions	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013
C126 c.(1)(ii) C91a c.(1)(ii)	Equipment Limitations	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013
C126 c.(1)(iii) C91a c.(1)(iii)	Installation Procedures and Limitations	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013
C126 c.(1)(iv) C91a c.(1)(iv)	Schematic Diagrams	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013

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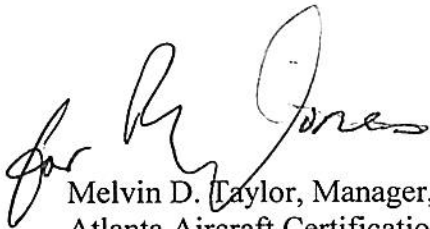
C126 c.(1)(v) C91a c.(1)(v)	Wiring Diagrams	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013
C126 c.(1)(vi) C91a c.(1)(vi)	Specifications	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013
C126 c.(1)(vii) C91a c.(1)(vii)	List of Major Components by Part Number	Y1-08-7603, Revision AC, dated 01-8-2014 Y1-08-7604, Revision W, dated 01-8-2014 Y1-08-7611, Revision V, dated 01-8-2014
C126 c.(1)(viii)	Environmental Qualification Form per RTCA/DO-160C, Appendix A	Document 572-0031, dated June 15, 2005
C126 c.(1)(ix)	Registration Information	Document 570-1600, Revision R, dated Oct 3, 2013 Document 570-1700, Revision K, dated Oct 3, 2013
C126 c.(1)(x) C91a c.(1)(viii)	Manufacturer's TSO Qualification Test Report	Document 572-0031, dated June 15, 2005 Y1-13-0021, Revision A, dated October 10, 2012 Y1-13-0037, Revision A, dated October 19, 2012 Y1-13-0038, Revision A, September 14, 2012 Y1-13-0041, Revision A1, April 2, 2013 Y1-13-0042, Revision A, January 04, 2013 Y1-13-0069, Revision A, dated April 30, 2013
C126 c.(1)(xi) C91a c.(1)(ix)	Nameplate Drawing	Drawing 591-6603, Revision F, dated 8/22/2012 Document A1-20-1708, Revision A, dated March 26, 2013
C126 c.(1)(xii)	Software Documentation (The software is produced to Design Assurance Level D.)	Document 572-0031, Revision -, dated June 15, 2005: -Document 6022, Revision A, dated March 31, 2009 -Document 6024, Revision A, dated March 31, 2009 -Document 6025, Revision A, dated March 31, 2009
	Non-TSO Functions	Document ACR_Letter to FAA_ME406_with updates_1-13-14

Effective this date, you are authorized to use TSO procedures as prescribed in Subpart O of CFR Part 21, and to identify the Model ME406 ELT with the applicable TSO marking as required by TSO-C91a and TSO-C126. This office must be notified of any design or manufacturing changes to the Model ME406 ELT 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,

A handwritten signature in black ink, appearing to read "Melvin D. Taylor". The signature is fluid and cursive, with the first name "Melvin" and last name "Taylor" being the most prominent parts.

Melvin D. Taylor, Manager,
Atlanta Aircraft Certification Office
Federal Aviation Administration,