



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

Aircraft Certification Service
Compliance & Airworthiness Division

Atlanta ACO Branch
1701 Columbia Ave.
College Park, Georgia 30337

COPY

January 16, 2020

In Reply, Reference FAA Correspondence #: 7A0-20-338

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

Dear Mr. Stankovic:

Subject: TSOA Application C126b for the Model Artex ELT 1000

This is in reply to your letter, dated November 13, 2019, requesting TSO authorization for your Artex Emergency Locator Transmitter (ELT) Model Artex ELT 1000 (A3-06-2749-1). We accept your statement certifying that your article meets the requirements of TSO-C126b and that you meet the requirements of Title 14 of the Code of Federal Regulations (14CFR) part 21, subpart O.

Effective this date, we authorize you to identify the following Artex Emergency Locator Transmitter with the requirements defined in 14 CFR 21.616(d) and in TSO-C126b. The documents submitted with your letter below have been reviewed and added to our files in support of your application.

TSO Para.	TSO Requirement	ACR Electronics, Inc. Document
5.a.(1)	Operating Instructions and Limitations	Document Y1-03-0259, Revision U, dated July 20, 2017
5.a.(2)	Deviations Description	ACR Letter to FAA ELT 1000 Phase II 1-13-14
5.a.(3)	Installation Procedures and Limitations	Document Y1-03-0259, Revision U, dated July 20, 2017
5.a.(4) 5.c.	Software Documentation (The software is produced to Design Assurance Level D.)	1) Document Y1-12-0005, Rev. A2, dated June 10, 2015 2) Document Y1-12-0003, Rev. C, dated September 22, 2015 3) Document K3-01-0106, Rev. F2, dated October 30, 2019 4) Document Y1-10-0122, Rev. C, dated October 23, 2019

5.a.(5)	Environmental Qualification Form per RTCA/DO-160G, Appendix A for each component	Document Y1-03-0259, Revision U, dated July 20, 2017
5.a.(6)	Schematic Diagrams and Wiring Diagrams	Document Y1-01-0731, Revision H, dated December 6, 2017 Document Y1-03-0259, Revision U, dated July 20, 2017
5.a.(7)	List of Replaceable Components by Part Number	Document Y1-08-1000, Revision W, dated August 26, 2019
5.b.	Component Maintenance Manual	Document Y1-03-0259, Revision U, dated July 20, 2017
5.d.	Nameplate Drawing	Document A1-20-1671-1, Revision R, dated April 29, 2019
5.e.	Non-TSO Functions	Document Y1-13-0011, Revision A1, dated March 25, 2013
5.f.	Quality Control System Description, Including functional test specifications	Document Y1-03-0259, Revision U, dated July 20, 2017 Document JN07932RPT, Revision B, dated October 02, 2012 Document QSM-422, Rev V, dated January 23, 2015
5.g.	Material and Process Specification List	Document Y1-02-0497, Revision B, dated March 25, 2015
5.h.	Drawing List	Document Y1-08-1000, Revision W, dated August 26, 2019
5.i.	TSO Qualification Test Report	Document Y1-13-0011, Revision A1, dated March 25, 2013
5.j.	Cospas-Sarsat Type Approval Certificate	Cospas-Sarsat Type Approval Certificate Number: 251

We consider your quality system, as defined in your Quality Manual, Revision V, dated January 23, 2015, satisfactory for production of this article at your Fort Lauderdale, Florida. ACR must furnish the following statement to the original owner or installer of each article (or multiple article if furnished to one source):

The conditions and test required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type or class of aircraft must determine that the aircraft installation conditions are within the TSO standards which include any accepted integrated non-TSO functions. TSO articles and any accepted integrated non-TSO function(s) must have separated approval for installation in a n aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

This TSO authorization, issued pursuant to 14 CFR 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of 14 CFR 21.613. With notice, we may withdraw this TSO authorization if articles are not in compliance with the applicable TSO performance standards pursuant to 14 CFR 21.2.

You must provide one copy or online access to data listed as a furnished data requirement in the TSO to the original owner/installer of each article or multiple articles if furnished to one source (e.g., an operator, type certificate holder, or repair station).

You must obtain FAA approval before making any changes to the location of your manufacturing facilities pursuant to 14 CFR 21.609(b).

Without further FAA approval, we do not allow a manufacturer to mark articles after it changes its company name, address, or ownership. You must notify the ACO and MIDO of name, address, or proposed ownership changes.

Pursuant to 14 CFR 21.614, a holder of a TSOA may not transfer it. If you wish to transfer it, you must request a transfer from the FAA.

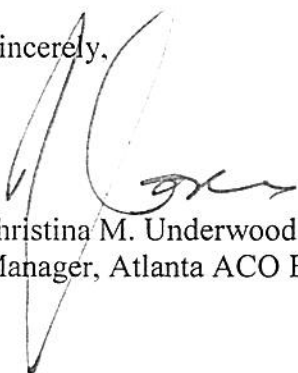
Send to the office below any design change(s) for this TSO articles as outlined in 14 CFR 21.619(a). You must notify us of minor design changes within six months.

Also as recipient of this approval, except as provided in § 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in § 21.3(c). The report should be communicated initially by telephone to the Manager, Atlanta ACO Branch, telephone number (404)-474-5500, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, at 9-ASO-ATLCOS-Reporting@faa.gov is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

Please note that technical data the FAA retains may be subject to Freedom of Information Act (FOIA) requests. This office will notify you of any request(s) 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 John Lee by email at John.Lee@faa.gov or by phone at 404-474-5568.

Sincerely,



(for) Christina M. Underwood
Manager, Atlanta ACO Branch