

# Why Choose Artex?

- Boeing
- Cessna
- Hawker Beechcraft
- Piper
- Cirrus
- Diamond
- Quest
- Gulfstream
- Bombardier/Learjet
- Embraer
- Sikorsky
- Bell
- U.S.A Military

Because They Do



## SPECIFICATIONS

### Operating Frequencies

121.5 MHz +/-5KHz  
406.0 to 406.1 MHz,  
Depending on Cospas-Sarsat TAC

### Output Power

406 MHz: 5W for 24 hours @-20°C to +55°C (-4°F - 131°F)  
121.5 MHz: 100 mW min >50 hours @ -20°C to +55°C (-4°F - 131°F)

### Output Connector

BNC female

### Activation

Automatic by 4.5 ft/sec (2.3 G)  
Primary G-Switch or manual activation

### Battery

6-year lithium LiSO2

### Temperature Certified to:

Operating: -20°C to +55°C (-4°F to +131°F)  
Storage: -55°C to +85°C (-67°F to +185°F)

### Remote Switch

Standard 8304 or 453-0023

### Self Test

G-Switch enabled  
406 MHz power  
Antenna/coax connection  
Low battery

### Remote Control

On/Arm/Test

### Mounting Hardware

ELT 1000 mounting tray:  
A3-06-2758-1

### Other Parts

Coax cable  
Audio buzzer (alerts ground crews of accidental activations)  
Remote switch  
ACE adapter module (Optional for ACK Retrofit)

### Weights (with tray)

Total Weight: 2.2 lbs (996 g)

### Measurements

ELT transmitter with mounting hardware installed: 6.59" (167 mm)L x 2.86" (73 mm)H x 3.69" (94 mm)W

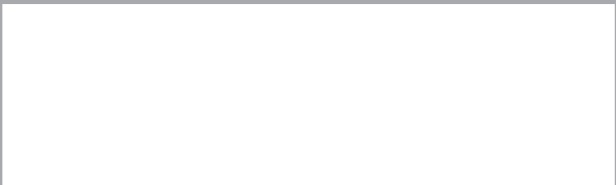
### Part Numbers

ELT 1000 - 8202

### Antennas

For fixed wing applications:  
Rod: 110-338, 110-338-01, or 8603  
Whip:110-773

## Distributed By



ACR Electronics, Inc.  
Ft. Lauderdale, FL USA  
www.ACRARTEX.com



Scan with Phone

E3-01-0210



## ARTEX ELT 1000

406 MHz Emergency Locator Transmitter with GPS Navigational Interface





# Quick and Easy Retrofit for General Aviation Aircraft

- **Automatic Fixed Emergency Locator Transmitter**
- **Single antenna output for emergency transmission on both 406 MHz (Cospas-Sarsat) and 121.5 MHz frequencies (local Search & Rescue)**
- **Enhanced positional accuracy with a GPS interface that does not require aircraft power**
- **Encoded digital message broadcasts aircraft identification/registration and owner/emergency contact details**



Single Antenna Output



Stainless Steel Mounting Strap Complies with new FAA Guidelines

If you're flying without a modern 406 MHz Emergency Locator Transmitter (ELT), you are flying in "stealth mode."

That's because Cospas-Sarsat has terminated satellite processing of distress signals from 121.5 MHz beacons. So, in a ditch situation, the worldwide network of rescue satellites cannot "see" you — when you need them most!

An ELT is a device that can be manually or automatically activated to transmit a distress signal to Search and Rescue satellites. ELTs that activate automatically use a "G-Switch" (gravity switch) that triggers the ELT when it senses that a crash has occurred. With ELTs, Search and Rescue teams may more easily pin-point the exact location of a downed aircraft. Section 91.207 of the Federal Aviation Regulation, as well as Part 121 states that no person, operators and operations governed by Part 135 may operate a U.S. registered civil aircraft unless an approved automatic type emergency locator transmitter is attached to the aircraft. Similar regulations are established by aviation authorities through-out the world.



## Improved Positional Accuracy

The ARTEX ELT 1000 is a value-priced upgrade for standard 121.5 MHz transmitters, which are no longer monitored by the Cospas-Sarsat system. The 406 MHz transmitter produces a much more accurate position, typically 1.86 miles as compared with 9.3 to 12.4 miles for 121.5 MHz transmitters. When coupled to the aircraft navigation system via a navigation interface, the ELT 1000's accuracy improves to approximately 110 yards.



GPS Interface and 2-wire remote switch connection

## An Affordable Upgrade

Because it is a single output ELT, the ARTEX ELT 1000 utilizes the same RF output and only one coax cable to transmit a 406 MHz emergency signal to Cospas-Sarsat satellites and a local 121.5 homing signal. The 406 MHz ELT with a navigational interface that doesn't require plane power to operate — greatly reducing installation costs. The new remote switch only requires 2-wires, so upgrading your older 121.5 MHz ELT is simple and affordable.