



ARTEX ELT 1000

406 MHz Emergency Locator Transmitter
with GPS Navigational Interface



ELT



Scan With Phone
www.ACRARTEX.com

THE SCIENCE OF SURVIVAL



ARTEX ELT 1000

406 MHz Emergency Locator Transmitter



Improved Positional Accuracy

The Artex ELT 1000 is a value-priced upgrade to 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 the built-in GPS interface, the ELT 1000's accuracy improves up to approximately 110 yards.

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 all new built in GPS Nav Interface does not require aircraft power to operate - greatly reducing installation cost. The new remote switch only requires 2-wires, this makes upgrading your older 121.5 MHz ELT simple and affordable.



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 and Manual Activation

Battery

6-year Lithium LiSO2

Temperature Certified to:

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

Self Test

G-Switch Enabled
406 MHz Power
Antenna/Coax Connection
Low Battery

Remote Control

On/Arm/Test

Mounting Hardware

ELT 1000 Mounting Tray: 8304

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

	ELT KIT	SWITCHES	ANTENNAS
ELT1000	8202	N/A	N/A
	8203	8304	110-773
	8204	8304	110-338 or 110-338-01
	8205	453-0023	110-773
	8206	453-0023	110-773



Why Choose Artex?

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

Quick-and-Easy Retrofit PLUS Low Cost Two-Wire Compatibility

- 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 built-in GPS interface that doesn't require aircraft power

- Encoded digital message broadcasts aircraft identification/registration and owner/emergency contact details
- Worldwide coverage

Certifications

- TSO C126B
- TSO C142A
- ETSO 2C126A
- Cospas-Sarsat
- Transport & Industry Canada (PENDING)

For further information please contact:

ARTEX Products

ACR Electronics, Inc.

5757 Ravenswood Road
Fort Lauderdale, FL 33312

Tel: (954) 981.3333

Fax: (954) 983.5087

Email: sales@acrartex.com