



ARTEX ELT 1000

406 MHz Emergency Locator Transmitter
with GPS Navigational Interface



ELT



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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



ACE
M/N 453-0023



Standard
M/N A3-06-2759



121.5/406 MHz
M/N 110-773



Tri-Band
M/N 110-338 or
M/M 110-338-01

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)

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