EMERGENCY LOCATOR TRANSMITTER

ELT 1000

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 3 kilometers as compared with 15 to 20 kilometers for 121.5 MHz transmitters. When coupled to the aircraft navigation system via a built-in navigation interface, the ELT 1000's accuracy improves to approximately 100 meters.

An ACR Electronics Brand

ELT 1000

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 l000'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

406 MHz

Worldwide Coverage

Integrated GPS NAV Interface

6-Year Lithium $LiMnO_2$

Easy Installation

Local Search & Rescue

SPECIFICATIONS

Product Number: 8202

Operating Frequencies
121.5 MHz +/-5 KHz
(Emissions Designator 3K20A3X)
406.0 to 406.1 MHz
(Emissions Designator 16K0G1D)

Output Power
406 MHz: SW 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

Battery
6-year Lithium $LiMnO_2$

Remote Control
On/Arm/Test

Weights (with tray)
Total Weight: 2.2 lbs (996 g)

Mounting Hardware
ELT 1000 Mounting Tray: 8303

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

Self-Test Checks
G-Switch Enabled
406 MHz
Antenna/Coax Connection
Low Battery

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

Other Parts
Coax Cable and Antenna
Audio Buzzer (alert ground crews of inadvertent activations)
Remote Switch
ACE Adapter Module
(Optional for ACK retrofit)

Certifications
- TSO C126B
- TSO C142A
- ETSO C126a, C142a
- Cospas-Sarsat
- Industry Canada
- Brazil ANAC & ANATEL
- Japan JCAB & JTAB

Activation Method
Automatic by 4.5 ft/sec (2.3 G) Primary G-Switch and Manual Activation

	ELT KIT	SWITCHES	ANTENNAS
ELT 1000	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
110-338-01

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