



ALKALINE SURVIVAL (S) EMERGENCY LOCATOR TRANSMITTER

ELT 4000S

ELT 4000S is the latest innovation in post lithium-battery ELTs. Harnessing thirty years of ARTEX ELT expertise, ELT 4000S provides an innovative response to the changing regulatory requirements surrounding lithium batteries.



An ACR Electronics Brand



ELT 4000S

NON-LITHIUM SURVIVAL EMERGENCY LOCATOR TRANSMITTER

The ELT 4000S is a portable Survival (S) ELT that transmits on 121.5 and 406 MHz. The ELT transmitter is based on the ELT 4000 system and represents the latest ELT technology with a lithium-free battery in a survival beacon. The 4000S is buoyant and automatically activates when deployed in water. A manual activation switch is also included for land use. An internal GPS (GNSS) will acquire position data for inclusion in the 406 MHz transmission, and a lanyard allows for attachment to a life raft.

ELT 4000S features an easy to read test system utilizing two LED indicators. A green LED indicates a successful self-test. The 15 foot lanyard is neatly stowed in the top housing and the foldable antenna is secured in a dedicated retainer and can be deployed with one hand.

The TSO approved mounting system provides a light weight and multi-axis release offering installation location flexibility. A user replaceable battery system offers on-wing maintenance capability reducing ownership costs.

- Rugged design with built-in buoyancy (no float collar)
- Integrated GPS
- Alkaline battery (exempt from TSO C142/DO-227 approval)
- Special Condition exempt, no Hazmat shipping
- Simple bracket for easy one-handed deployment
- Compatible with existing ARTEX handheld programmers
- Left and right-handed bracket configurations available



Integrated
GPS



Non-Lithium
ELT



406MHz
and
121.5MHz



Built-in
Buoyancy

SPECIFICATIONS

Operating Frequencies

406 MHz
121.5 MHz +/- 5 kHz

Output Power

406 MHz: 5 W +/- 2dB (520 ms/ 50 sec)
for 24 hours @ -20°C (-4°F)
121.5 MHz: 100 mW min (+20 dBm)
for 48 hours min. @ -20°C (-4°F)

Activation

Switch On-Off/Arm-Test

Activation Modes

Automatic (via water) and Manual (switch)

Weight

5.21 lbs (2.36 kg) – Not Including Bracket
7.69 lbs (3.49 kg) – Including Bracket

Temperature Certified to:

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

Dimension

6.2" (W) x 5.42" (D) x 14.7" (H)

Comprehensive feature set includes:

- Dual-Frequency Survival Emergency Locator Transmitter, digital 406 MHz and analog 121.5 MHz homing signals
- Built-in water activation
- Dual-band antenna
- Integrated GPS receiver

Ancillary Parts

Mounting Bracket
15 ft. Lanyard

Antenna

Folding band antenna, Dual
Frequency with stowage holder

Battery

5-Year Alkaline

Self-Test Check Indicator:

Green LED validates ELT performance
Red LED indicates service required

Certifications

- TSO C126C
- Cospas-Sarsat
- Transport & Industry Canada



- GPS data is embedded in digital transmission reducing search radius down to 100 meters
- Worldwide Cospas-Sarsat coverage
- 5-year battery life (replaceable)
- Meets both FAA and EASA requirements



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