

SLB-2000

- + Compact, military-grade emergency beacon providing **tri-band operation** with **GPS** and **optional two-way voice** capability (SLB-2000-VAC)
- + Ease of use with **manual and automatic activation** via mode and function switches, activation plug, or optional toggle switch (USB 2.0 Compatible)

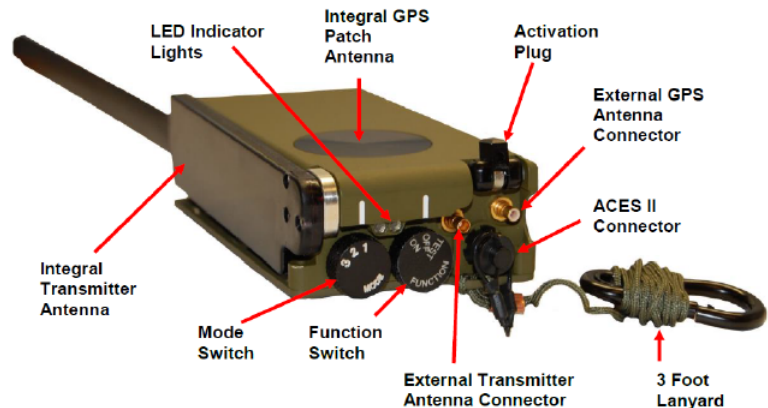
- + Compatible with **ACES II/III**, Martin-Baker **US 16T**, and **US LA Series** ejection seat survival kits
- + Compatible with **BA-22 Back-Style**, and **Low-Profile Parachute** systems
- + Accurate and reliable with **better than 100 meter accuracy within one minute of activation**



SPECIFICATIONS

Size	4.9" x 2.6" x 1.3"
Weight	1.3 lbs (w/ batteries)
Color	Olive drab (FED-STD-595)
Material	Aluminum enclosure; dull/low IR reflective surface
Frequencies	406.037 MHz; Homing: 121.5 MHz and 243.0 MHz
Power	5W ±2dB; Homing: 100 mW minimum
Modulation	Phase Modulation ± 1.1 Radians Homing: Amplitude modulation, swept down between 1300 Hz and 500 Hz, 2.5 Hz sweep rate
Stability	Full compliance w/ Cospas-Sarsat specifications
Training	121.5 MHz and 243 MHz have offset capability to any designated training frequencies
GPS Receiver	20 Channels
Sensitivity	-144 dBm cold start; -159 dBm tracking
Antenna	Built-in and remote
Accuracy	< 100 m
Time to First Fix	< 1 min on average
Operating Temp	-40°F to +131°F (-40°C to +55°C); Factory verified
Storage Temp	-67°F to +185°F (-55°C to +85°C)
Activation	Automatic or one-hand (left or right) gloved operation
Endurance	-4°F to +131°F (-20°C to +55°C) 26 hrs in Mode 1 (406, 243, 121.5 MHz, GPS) 48 hrs in Mode 2 (243, 121.5 MHz) 52 hrs in Mode 3 (406 MHz, GPS)

Antenna Size	41" flexible wire RF Antenna; 11.25" secondary built-in deployable blade antenna; 45" flexible wire GPS antenna; secondary round integral GPS patch antenna
Ant. Connector	50 Ω connector
LED Indicators	Transmit, GPS Fix, Test Pass, Test Fail
Altitude	Up to 50,000 ft
Rapid Decompression	Will survive at up to 60,000 ft
Waterproof	up to 10m
Humidity	95%
Built-In Test	Functional test w/ pass/fail indicators
Batteries	2x Lithium bromide chloride complex
Battery Replacement	User replaceable at 5 years, upon operational use, or after 32 built-in self tests
Design Specifications	Cospas-Sarsat T.001 / T.007, RTCA/DO-204, MIL-STD-461, MIL-STD-810F, NATO STANAG 7007, TSO-C142a



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