

PERSONAL LOCATOR BEACON 500-30-C SERIES

 **Techtest**
PART OF THE HR SMITH GROUP

 **Topcast**



Bottom View



ACCESSORY CONNECTOR

Remote Activation Switch
Ejection seat
Parachute
Water switch
G-Switch

BATTERY

Field replaceable every 5 years (or after activation)

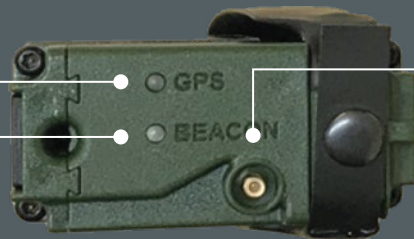
FEATURES

Robust, compact and light-weight
Multiple activation methods
Increased functionality
Speech mode
Transmission of 406 MHz and 121.5 MHz and 243MHz SAR frequencies
GPS enabled
User re-programmable
Cospas-Sarsat approved

Top View

GPS ACQUIRED LED

BEACON ACTIVE LED



SMB ANTENNA CONNECTOR

Trailing Tri-Frequency Antenna for Parachutes or Ejection Seats
Life Jacket Antenna

Side View



TWO-WAY SPEECH

Communication with rescue team



ON/OFF/TEST Switch

INTEGRATED ANTENNA

Tri-Frequency GPS



PERSONAL LOCATOR BEACON

500-30-C SERIES

Exceptional adaptability makes the 500-30 series a perfect fit for military applications, including integration into critical equipment such as life rafts, life vests, flight jackets, and ejection seats. Its unparalleled flexibility offers a tailor-made solution, meticulously crafted to meet the precise needs of the military, all housed within a compact and portable design.

Accessories & Installations

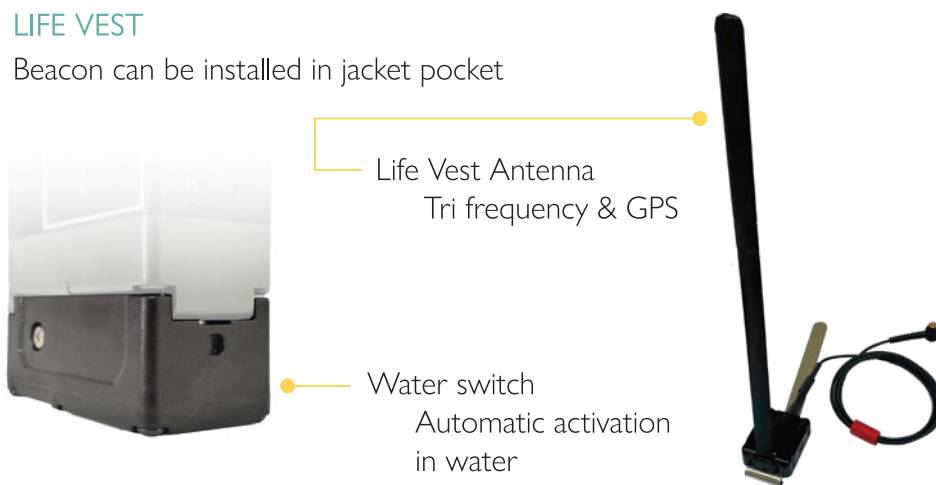
PARACHUTES

Compatible with legacy BA-22 & Butler BA-30 low profile parachute systems



LIFE VEST

Beacon can be installed in jacket pocket



FLOAT

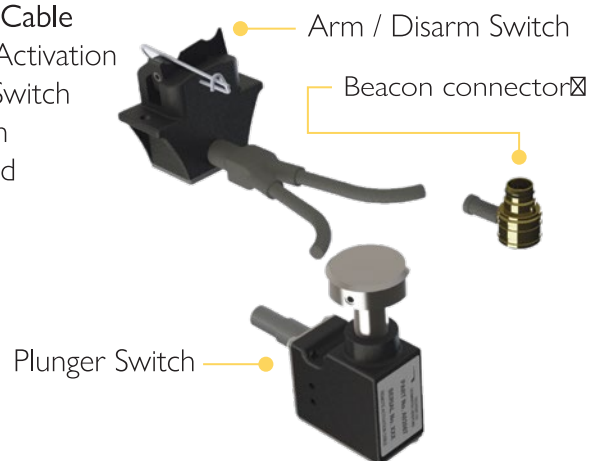


EJECTION SEATS

Martin-Baker Cradle
Ejection Seat Auto Activation
ARM/DISARM Switch
Compatible with:
Mk16
Mk18



Remote Activation Cable
Ejection Seat Auto Activation
ARM/DISARM Switch
Compatible with
Martin-Baker and
ACES II Seats.



Specification

Weight	0.95lbs (430g)	Operation	24 hrs (406, 243, 121.5 MHz) Additional 24 hrs (243, 121.5 MHz) -4 to +131°F (operational at -40°F) -20 to +55°C (operational at -40°C)
Dimensions	4.98 × 2.76 × 1.30" (126.3 × 70 × 33mm)	Antenna Options	Integral tape antenna Tri-Frequency Trailing Tri-Frequency/GPS Antenna for Parachutes or Ejection Seats Life Jacket Tri-Frequency/GPS Antenna
Colour	NATO Green	Activation Options	ON/OFF/TEST Switch Martin-Baker Auto Activation Cradle Remote Activation Cable Water Switch and/or G-Switch Butler Parachure ARM/OFF Switch Lanyard
Connectors	1× SMB for additional antennas 1× Mult-pin for accessories	Waterproof	33 ft (10 m)
C/S Tx	406 MHz (Cospas-Sarsat) including GPS position	Battery Pack	Field replaceable every 5 years (or after activation)
Homing Tx	121.5 & 243.0 MHz (Homing)		
GPS Rx	72 Channels 2.5m Accuracy		
Programming	COSPAS-SARSAT message user programmable		
Speech	Push-To-Talk button Two-way on 121.5 & 243.0 MHz		

Compliance

The PLB is compliant with the following specifications:

Civil: EUROCAE ED62A / RTCA DO-204A / EUROCAE ED14F / RTCA DO-160F / COSPAS-SARSAT

Military: NATO - STANAG 7007 / MIL STD 810G



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