



PERSONAL LOCATOR BEACON

 500-30-C SERIES

 **Techtest**  
PART OF THE HR SMITH GROUP

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## 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

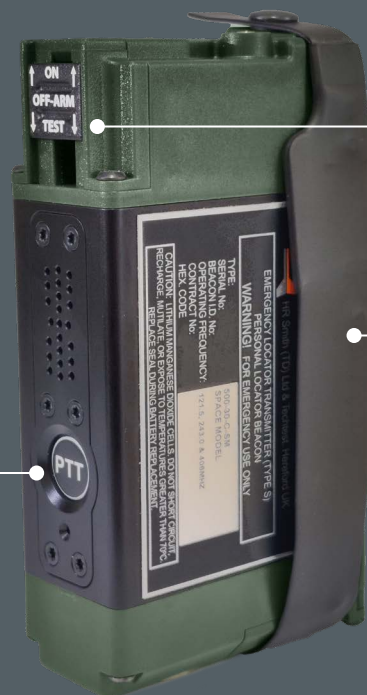
- Trailing Tri-Frequency Antenna for Parachutes or Ejection Seats
- Life Jacket Antenna

## 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

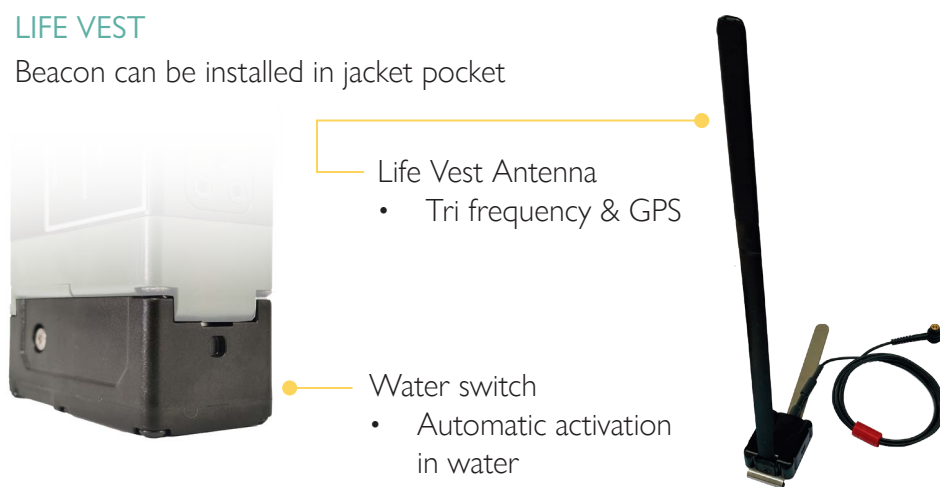
#### PARACHUTES

- 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

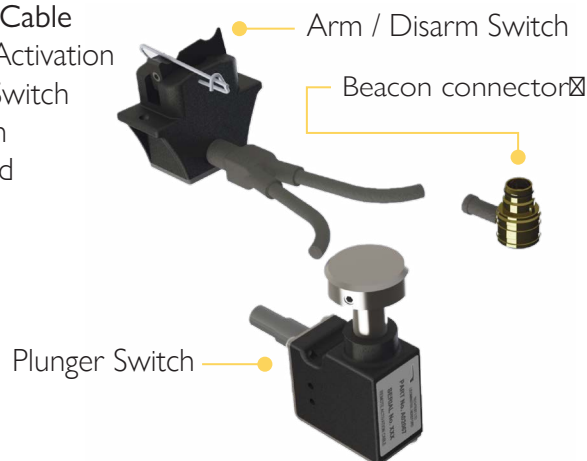
- ARM/DISARM Switch
- Compatible with:
  - Mk16
  - Mk18



##### Remote Activation Cable

Ejection Seat Auto Activation

- ARM/DISARM Switch
- Compatible with Martin-Baker and ACES II Seats.



# Specification

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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)		
Colour	NATO Green	Antenna Options	Integral tape antenna Tri-Frequency Trailing Tri-Frequency/GPS Antenna for Parachutes or Ejection Seats Life Jacket Tri-Frequency/GPS Antenna
Connectors	1× SMB for additional antennas 1× Mult-pin for accessories		
C/S Tx	406 MHz (Cospas-Sarsat) including GPS position	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
Homing Tx	121.5 & 243.0 MHz (Homing)		
GPS Rx	72 Channels 2.5m Accuracy		
Programming	COSPAS-SARSAT message user programmable	Waterproof	33 ft (10 m)
Speech	Push-To-Talk button Two-way on 121.5 & 243.0 MHz	Battery Pack	Field replaceable every 5 years (or after activation)

## 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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