

SARBE

an Orolia brand



SARBE 6-406G EVO

Personal Locator Beacon

Although primarily used by Pilots and Aircrew, Personal Locator Beacons are also used widely within maritime and land environments giving personnel the ability to send a distress alert from anywhere on the earth's surface.

SARBE: Innovation since 1944

The SARBE brand has been at the forefront of innovation in life saving Locator Beacons and critical communications for more than 70 years. Its products are in Tri-Force use on every continent.



Key Features

The Sarbe 6-406G is a significant advancement in Personal Locator Beacon technology by ensuring that alerts contain accurate and location information. The correct authority is quickly informed by the distress alert and can subsequently inform the rescue teams.

- Cospas-Sarsat approved
- 406MHz global alerting
- 121.5MHz and 243MHz local homing
- Automatic and manual operation
- Integrated GPS
- Waterproof
- Two way speech

Technical Specifications

Power Output

COSPAS-SARSAT	406	5 watt power
Homing signal	121.50MHz	100mW peak
Homing signal	243.00MHz	100mW peak

Modulation

406MHz	IAW Cospas-Sarsat T.001/T.007
121.5MHz/243MHz	Swept tone range 1600Hz to 300Hz
	Sweep rate 2-3Hz
	Amplitude Modulation
	Swept tone modulation > 85%

Range

406MHz	Global via satellite
121.MHz/243MHz	Swept tone >35nm @ 5,000ft
	Voice > 21nm @ 5,000ft

GPS

50 channel C/A code, 1.575GHz providing WGS co-ordinates

Power

Endurance	Greater than 24hrs @ -20°C
Battery type	Lithium Manganese Dioxide
Storage life	Five years

Size

Dimensions	154mm x 79mm x 42mm
Weight	560g including battery

Temperature

Operating	-20C to +55C
Storage	-55C to +70C

Part Numbers

SARBE part number	101275-2
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