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
Orolia’s 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.
The Sarbe 6-406G Evo 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.

**Technical Specifications**

**Power Output**

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<thead>
<tr>
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<th>COSPAS-SARSAT</th>
<th>Homing signal</th>
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<tbody>
<tr>
<td>406 MHz</td>
<td>5 watts</td>
<td>121.5 MHz</td>
<td>100 mW</td>
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<tr>
<td>243 MHz</td>
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**Modulation**

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

**GPS**

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

**Power**

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

**Size**

- Dimensions: H154 mm x W79 mm x D42 mm
- Weight: 583 g including battery and Tx Antenna

**Temperature**

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

**Part Numbers**

- Part Number (P/N): 101275-2

**Key features**

- Cospas-Sarsat approved
- 406 MHz global alerting
- 121.5 MHz and 243 MHz local homing
- Automatic and manual operation
- Activation Rotary Control switch, ‘G’-Switch, Salt water
- Integrated GPS
- Waterproof to 10 m
- Two way speech

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