Contents:

Advice of EPIRB purchase or transfer
Registration of 406 MHz satellite EPIRBs with the Registration Section of the Australian Maritime Safety Authority (AMSA) or Rescue Co-ordination Centre New Zealand (RCCNZ) is mandatory due to the global alerting nature of the COSPAS-SARSAT system.

The information provided in the registration is used only for search and rescue purposes.

When a distress situation occurs
A mariner, aviator or individual in distress has several options to alert authorities when in need of assistance and to help prevent the beacon from being accidentally activated.

Beacon Self Test Procedure
Under no circumstances rotate Switch Interlock during TEST.

Beacon GPS Test Procedure
Warning: The optional GPS test consumes energy from the battery and should not be started more than twice per year. If used excessively the GPS test function will be locked out to preserve battery charge. GPS test lockout is indicated by three slow Red flashes following an attempt to start a GPS test.

Safety Alert model: SA3G
The Safety Alert EPIRB model: SA3G is a compact, buoyant, self-contained emergency radio transmitter. When activated it will emit a distinctive digital radio signal on the 406MHz international distress frequency and a 121.5MHz homing signal for 48 hours minimum.

INSTRUCTIONS FOR USE IN WATER
1. Remove Safety Alert from stowage (mounting bracket).
2. Unscrew lanyard from Safety Alert and attach free end of lanyard to life jacket or survival craft.
3. Rotate Switch Interlock in either direction, breaking the “Emergency use only” seal in the process.
4. Press RED switch DOWN and hold until green lights flash then release. White strobe lights will also flash. (Switch will spring return to centre position when released)
5. Deploy the beacon to the water and allow to float away from persons and objects to extent of lanyard.
6. Leave beacon operating continuously until rescued.
**Owner/Operator Advice**

Know your beacon before you travel. Emergencies often arise under the most unfavorable conditions, when reading instructions is simply not practical. You may need to activate your beacon in dark conditions or after suffering an eye or head injury. Read this instruction manual carefully before you travel and familiarise yourself with the product. Practise removing the beacon from stowage and mimic the actions to activate the beacon. Knowing your beacon may help save your life.

**INSTRUCTIONS FOR USE ON LAND**

**1. Remove Safety Alert from stowage (mounting bracket).**

**2. Rotate Switch Interlock in either direction, breaking the “Emergency use only” seal in the process.**

**3. Press RED switch DOWN and hold until green light flashes then release.** White strobe lights will also flash. (Switch will spring return to centre position when released).

**4. Place the Safety Alert in a clear area away from persons or objects with the beacon/antenna in a vertical position.**

**5. Leave beacon operating continuously until rescued.**

**To switch OFF**

1. Lift RED switch UP until all lights turn off then release.

2. Rotate “Switch Interlock” to align tab with switch shaft, this will help to prevent the beacon from being accidentally activated.

**PRODUCT WARRANTY**

The “Safety Alert” EPIRB model SA3G is covered by manufacturer’s warranty valid for 10 years from date of purchase. This Warranty covers labour and materials: all freight charges are to be borne by the purchaser. In the event of any claim under this Warranty, please arrange the return of the EPIRB to Kinetic Technology International Pty. Ltd. 1 Kembla Street, Cheltenham, Victoria, Australia 3192, either direct or through supply dealer, together with your proof of original purchase date. This Warranty does not exclude any conditions and remedies you may have under the Australian Consumer Law (ACL). Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**Battery replacement and servicing**

The Safety Alert EPIRB is fitted with special lithium batteries and it is therefore not possible to replace batteries in the field. Battery replacement and servicing of the beacon is carried out by Kinetic Technology International Pty. Ltd. (KTI) at their premises. Unless the beacon has been activated, battery replacement should only occur at ten yearly intervals. Kinetic Technology International Pty Ltd (KTI) conduct full mechanical and operational testing when replacing the batteries in accordance with specifications.

**Beacon Disposal**


**SPECIFICATIONS**

- **Frequencies:** 406.040 MHz and 121.5 MHz (homing frequency)
- **Approvals:** Australian and New Zealand: AS/NZS 2465.1 COSPAS-SARSAT C/S T1/001, Class 2, TAC: 290
- **Manual Activation:**
  - Activation: Manual switch with Test facility and Indicator light.
- **Solid-state Strobe:** Greater than 1.020 effective intensity.
- **Transmission Time:** 48 hours minimum.
- **Batteries:** Long-life Lithium LiFeS2, Factory replaceable only. Replace battery prior to expiry date shown on beacon.
- **Lanyard:** 8 metres max. UV, high density polyethylene fibres.
- **Antenna:** Compound flexible marine grade stainless steel and fibreglass.
- **Mounting Bracket:** Quick manual release, nutproof, UV stabilised polypropylene.
- **Dimension:** Diameter from height 32mm mounted in bracket.
- **Weight:** Gross weight 940 grams approx.
- **Immersion:** Water to a depth greater than 5 metres for 15 minutes.
- **Operating Temperature:** -20°C to +65°C
- **Storage Temperature:** -30°C to +70°C

**Helpful operating and information notes**

The Safety Alert EPIRB is most effective (i.e. has maximum range) when floating in water or placed on a clear elevated area. Metal objects or people in the immediate vicinity of the EPIRB can distort the radiation pattern of the radio signal. It is therefore desirable to have the transmitting beacon a few metres clear of such objects. The lanyard is designed to be attached to a life jacket or survival craft. It should not be used to secure the beacon to fixed structures such as vessels or aircraft. It is not recommended to operate an EPIRB inside a life raft or under any cover or canopy. To view the trasmitting antenna light in bright sunlight, it may be necessary to shade it with your hand. It is recommended the EPIRB be mounted with bracket supplied in an upright or horizontal position and easily accessible by all personnel at all times.

**Cleaning your EPIRB if required; Instruction Manual**

EPIRB is effective when floating in water or placed on a clear elevated area. Metal objects or people in the immediate vicinity of the EPIRB can distort the radiation pattern of the radio signal. It is therefore desirable to have the transmitting beacon a few metres clear of such objects. The lanyard is designed to be attached to a life jacket or survival craft. It should not be used to secure the beacon to fixed structures such as vessels or aircraft. It is not recommended to operate an EPIRB inside a life raft or under any cover or canopy.

**Safety Alert**

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**Notes:**

- All information subject to change without notice or obligation.
- Australian coded beacons, address all correspondence to: Australian 406 Distress Beacon Register
  - Australian Maritime Safety Authority
  - GPO Box 2181
  - Canberra ACT 2601

- New Zealand coded beacons, address all correspondence to:
  - Rescue Coordination Centre New Zealand
  - PO Box 30050
  - Lower Hutt 5040

- Beacon registration: 0508 406 111 or 0800 406 111
- General enquiries: +64 4 557 8034
- Fax: International: +64 4 577 8041

- Australian coded beacons, address all correspondence to:
  - Kinetic Technology International Pty. Ltd.
  - 1 Kembla Street, Cheltenham, Victoria, 3192, either direct or through supply dealer, together with your proof of original purchase date.

- New Zealand coded beacons, address all correspondence to:
  - Rescue Coordination Centre New Zealand
  - PO Box 30050
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