Designed to be installed in the aircraft cabin, the Kannad 406 SURVIVAL ELT is supplied with a mounting bracket or a carry-off bag. The Kannad 406 SURVIVAL is fitted with a floating collar, enabling it float upright, and a water switch sensor, allowing automatic activation when in contact with water.

The Kannad 406 Survival provides a direct connection to global Search And Rescue (SAR) services when an emergency situation occurs. Unlike all other Kannad ELTs, the Kannad 406 SURVIVAL is not fitted with a G-Switch (shock detector).

**Key features**

- Water Switch Sensor allowing automatic activation, via contact with water
- Audible and visual activation indicators (buzzer and LED)
- Integrated self test facility with visual indicator for results
- Easy programming
Options

The ELT is programmed with either the aircraft tail number, a serial number or the aircraft operator designator. This operation takes only a few seconds with our programming equipment and we have an optional dongle that can be supplied with the ELTS.

It can be installed inside an aircraft on a mounting bracket or in a carry-off bag (see options).

The mounting bracket option includes a locking pin to avoid accidental activation before ELT removal. The locking pin can be ordered separately with the carry off version.

Part Number: P/N S1823502-05

Options:
- S1820511-03 Carry-off bag
- S1820511-04 Carry-off bag short
- S1820511-02 Mounting bracket with locking pin

Approval:
- 3-Frequency Survival ELT (ELT(S))
- ETSO-2C91a & ETSO-2C126 / EUROCAE ED62 and EUROCAE ED14
- ICAO C91a & ICAO C-126 / RTCA DO-183, RTCA DO-204 and RTCA DO-160
- Cospas-Sarsat Class 2

How the end-to-end satellite-based SAR Ecosystem works

1. A beacon distress signal is sent from aircraft, marine vessel or individual
2. Beacon positioning/location data is relayed by satellite communications to satellite ground stations or Local User Terminals (LUTs)
3. The Local User Terminal computes the location before sending alerts to the appropriate Mission Control Centers (MCC)
4. The Mission Control Center collects, stores and sorts the data received from LUTs and other MCCs and distributes alerts to associated Rescue Coordination Centers (RCC)
5. The Rescue Coordination Center notifies and coordinates emergency response/rescue teams

Technical Specifications

- **TRANSMISSION**
  - 406.025 MHz
  - 121.5 MHz and 243 MHz
  - 100mW min (20 to 26 dBm)
  - Modulation 3K20A3X
  - Audio sweep from 1420 Hz to 490 Hz

- **POWER SUPPLY**
  - Solid Cathode Lithium battery pack (LiMnO2)
  - Battery replacement every 6 years

- **PROGRAMMING**
  - Aircraft nationality and registration marking
  - Aircraft operator designator and ELT serial number up to 4096
  - Aircraft ICAO 24 bit address

- **ACTIVATION**
  - Water switch or Manual

- **SELF TEST**
  - 406 MHz RF power Battery voltage
  - Frequency Programming

- **TEMPERATURE RANGE**
  - Operating -20°C to +55°C
  - Storage -55°C to +85°C

- **ANTENNA**
  - ANT110, P/N 0124194
  - 3-Frequency (121.5 / 243 / 406 MHz) whip antenna
  - Length 400 mm
  - TNC connector

About Orolia

Orolia is the world leader in resilient positioning, navigation and timing (PNT) solutions that have helped save over 40,000 lives since 1982. In addition to its Kannad brand, Orolia also provides expertise for the maritime, defense and space applications through leading brands such as Spectracom, SARBE and McMurdo.