



# Kannad 406AF Compact Emergency Locator Transmitter



FAA TSO-C126 & ETSO 2C126 Approved

Smallest, lightest ELT.

The 406 Compact ELT provides a direct connection to global Search And Rescue (SAR) services when an emergency situation occurs.

The 406 Compact will automatically activate in the event of a crash. In addition, the pilot can manually activate it via a remote control switch in the panel. Once activated, the 406MHz distress signal is transmitted continuously, alerting international rescue services to the emergency and your location via the global Cospas-Sarsat Search And Rescue satellite system.

## Compact ELT features

- Compact size
- 48 hour certified transmission on 406MHz (distress) and 121.5MHz (homing)
- Low cost two wire compatibility when installed with optional control panel
- EASA minor change approval available for most common aircraft
- Optional programming dongle, perfect for fleet operators
- Quick and easy retrofit with universal mounting bracket
- Built-in alarm/buzzer



Designed for easy installation and perfect for retrofit, the 406 Compact is also compatible with a range of optional antennas to suit all aircraft types.

## Compact ELT pack includes:

- 1 Kannad 406 AF Compact ELT
- 2 Universal Mounting Bracket + strap
- 3 RC200 Remote Control Switch
- 4 DIN-12 ELT Connector and Sub D Connector



## 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



\* Items in red are supplied by McMurdo Group

## Technical Specifications

- Automatic Fixed Emergency Locator Transmitter with G-Switch sensor
- Two-frequency ELT (121.5 / 406.028 MHz)
- COSPAS –SARSAT Class 2 (-20°C to +55°C)
- RTCA DO-160/EUROCAE ED14 Environmental conditions
- TSO/ETSO Approved
  - TSO-C126/ETSO 2C91a, 2C126

### Operating Lifetime:

Minimum Operational duration at -20°C : over 48 hours on 121.5 MHz and 406 MHz

### Controls and indicators:

ARM/OFF/ON switch, Bright red LED, Internal Buzzer, Outside Buzzer option

### Part Numbers:

Compact ELT : S1840501-01  
Compact ELT pack : S1840501-02

### Interfaces:

DIN12 socket for remote control panel (RCP) and pin programming dongle option, BNC antenna connector

### Battery:

Replacement Interval every 6 years, Accessories directly powered by ELT battery

### Housing:

Material: Molded plastic  
Colour: Yellow (Colour compounded)  
Dimensions: Installed with mounting bracket  
175 x 99 x 88.4mm  
(6.89 x 3.90 x 3.40 in.)  
Weight including batteries: Typical 850g (1.873lb)  
Max 875g (1.929lb)



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