

**406 AF-COMPACT ER**

FAA TSO-C126 & ETSO 20126 Approved



**NEW**



**Emergency Locator Transmitter Beacon**

**EASY INSTALLATION  
PERFECT FOR RETROFIT**

All the latest improvements of the COSPAS-SARSAT system utilizing the 406 MHz frequency band at a very competitive price:

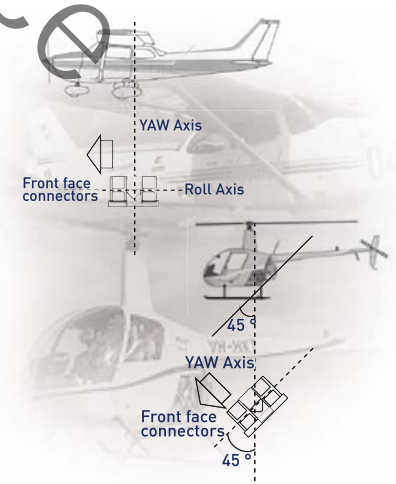
- Operating up to -40°C
- Two wire compatibility when installation with optional control panel RC102
- Minor change approval available for most common aircraft
- No aircraft power supply required
- Internal buzzer
- Very small and light

Sold as stand alone ELT unit

**Designed for all light aircraft**

KANNAD, more than 20 years of experience in maritime EPIRB's, aircraft ELT's and Personal Locator Beacons (PLB's).

Automatic activation of the ELT in the event of a crash. In addition, the pilot can also manually activate the ELT in case of emergency.



**Accessories - To be purchased separately**

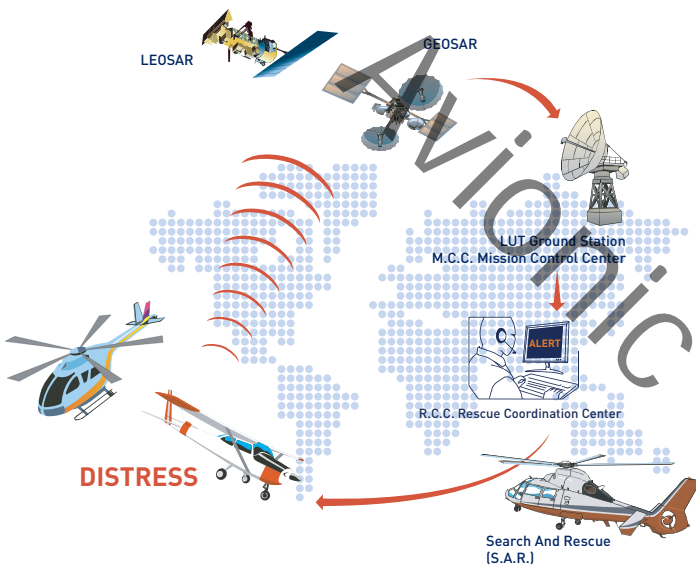


### Key Features

- Operating from -40°C to +55°C.
- Completely Self powered by the ELT battery (replacement every 6 years).
- The ELT powered remote switch eliminates the need for aircraft power.
- Connection to the Control Panel can be made three wires with RC200 or two wires with optional RC102.
- Easy retrofit of older generation 121.5 MHz ELT using the existing wires.

### Reduced installation costs:

- Built-in **alarm/buzzer**.
- Universal Mounting Bracket to re-use existing drilling.



Versatility of **programming protocols**: Tail number, 24 bit address (same as MODE "S"), Serialized Number, Aircraft Operator Designator.

Maintenance is limited to a monthly self-test performed remotely from the cockpit or from the ELT itself. ELT status displayed by a flashing indicator and buzzer.

Battery replacement only required **every 6 years**, considerably reducing yearly maintenance costs over previous generation ELTs.

**Whip** or **Rod** antenna available.

### P/N

P/N: S1840501-04 Kannad 406 AF-COMPACT ER

Black antennas:

P/N: 0145621 BLACK WHIP ANTENNA, ANT200, ELT10-773-3

P/N: 0124220 BLACK ROD ANTENNA, ANT300, 1327-82

White antennas:

P/N: 0146150 AV200 WHITE WHIP ANTENNA

P/N: 0146151 AV300 WHITE ROD ANTENNA

OPTIONS:

P/N: S1840502-02 Universal Mounting Bracket

P/N: S1820514-03 DIN-12 ELT Connector

P/N: S18205513-21 RC102 Two wire Control Panel

P/N: S1820513-18 RC200 KIT

P/N: S1820514-01 PROGRAMMING DONGLE

### TECHNICALS SPECIFICATIONS

#### Type

ELT Automatic fixed

**COSPAS-SARSAT Class I (-40°C to +55°C)**

#### 406 MHz transmission

Frequency: 406.028 MHz ± 1 kHz

Output power: 5W [37 dBm ± 2 dB]

Modulation type: 16K0G1D (Biphase L encoding)

Transmission

duration: 440ms (short message) every 50 sec.

Autonomy: Over 48 hours at -40°C

#### 121.5 MHz transmission

Frequencies: 121.5 MHz ± 6 kHz

Output power: 100mW mini (+20dBm)

Modulation type: 3K20A3X

Autonomy: Over 48 hours at -40°C

#### Controls

ARM / OFF / ON switch

Bright red LED

BNC antenna connector

DIN12 socket for remote control panel (RCP) and pin

programming option with Programming Dongle

Internal Buzzer

#### G-Switch sensor

G-switch sensor compliant

with EUROCAE ED62 specifications

#### Battery

KIT BAT200, P/N: S1840510-01

LiMnO<sub>2</sub> two-element battery for transmitter power supply

Replacement every 6 years

#### Housing

Material: Molded plastic

Color: Yellow (color compounded)

#### Dimensions:

Installed with standard mounting bracket

max 140 x 98 x 80 mm

(5.51"x3.85"x3.14")

#### Weight including

batteries: typical 850 gr (1.873 lb)

max 875 gr (1.929 lb)

#### Environmental conditions

RTCA DO-160E / EUROCAE ED-14E Section 4 to 26:

[ED62]X[ED62]A[ED62]C[SYLMC][UG]

ZXXX[ZC] [ED62]B[XXXX]XXX[ED62]

#### Qualifications

ETSO-2C91a & ETSO-2C126

(EUROCAE ED62)

FAA TSO-C126 (RTCA - DO-204)