

Kannad 406 AF-COMPACT

NEW



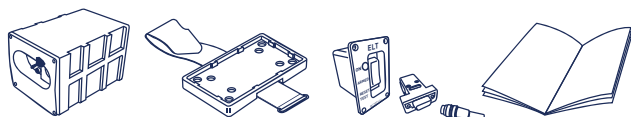
Emergency Locator Transmitter Pack

New generation of ELT

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

- Transmits for distress on the new 406 MHz and for homing on 121.5 MHz frequency
- Reduced Installation Cost by design integration and no need of aircraft power supply
- Complete Kit with Installation Manual
- FAA TSO-C126 & ETSO 2C126 Approved
- Very small: 131mm x 86mm x 75,4mm (5.1"x3.4"x2.9")
- Very light: 850gr (1.87lb)
- Battery life: 6 years
- As option the Programming dongle eliminates Programming issues for fleets

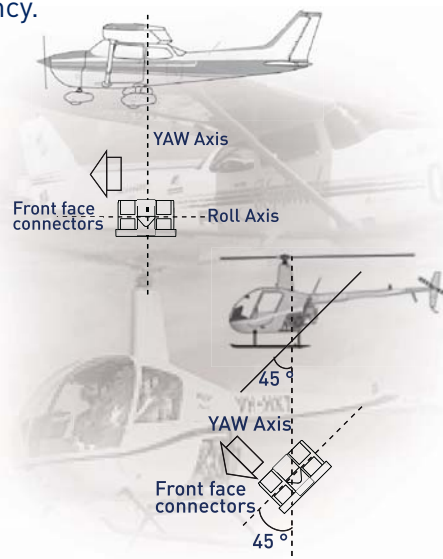
Kannad 406 AF-COMPACT package



Designed for all light aircraft

A world leader in 406 MHz Technology, KANNAD introduces the innovative 406 AF-COMPACT ELT. This small and rugged unit combines the best of KANNAD's long experience in maritime EPIRB's, aircraft ELT's and Personal Locator Beacons (PLB's).

The **Kannad 406 AF-COMPACT** is designed for all light aircraft requiring a very compact automatic fixed ELT that is fully FAA TSO-C126 approved. The robust and reliable shock sensor will automatically activate the ELT in the event of a crash. In addition, the pilot can also manually activate the ELT in case of emergency.



Kannad 406 AF-COMPACT ELT kit comes with:

- Compact ELT transmitter with six year battery.
 - ELT mount bracket and hardware
 - RC200 Remote Control Switch and Sub D Connector
 - DIN-12 ELT connector
- Detailed installation manual with drill masks, drawings, diagrams and post installation test procedures.

Key Features

- Completely Self powered by the ELT battery (replacement every 6 years) the Control Panel nor the ELT requires Aircraft Power.
- Connection to the Control Panel needs only 3 wires for easy retrofit of older generation 121.5 MHz ELT using the existing wires.
- Buzzer integral to the ELT, no need for extra installation costs.

Built in alarm/buzzer and panel mounted indicator for activation warning. Additional external buzzer option available. The ELT powered remote switch eliminates the need for aircraft power.



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 is displayed by a flashing indicator and buzzer.

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

Whip or **Rod** antenna available.

P/N

S1840501-02 Complete Kit Kannad 406 AF-COMPACT
 0145621 WHIP ANTENNA, ANT200, ELT10-773-3
 0124220 ROD ANTENNA, ANT300, 1327-82

OPTIONS: SMART CONNECTOR
 P/N: S1820514-01 PROGRAMMING DONGLE

TECHNICALS SPECIFICATIONS

Type

ELT Automatic fixed
 COSPAS-SARSAT Category II (-20°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 -20°C

121.5 MHz transmission

Frequencies: 121.5 MHz ± 6 kHz
 Output power: 100mW mini (+20dBm)
 Modulation type: 3K20A3X
 Modulation rate: > 85 %
 Frequency of modulation signal: 1420 Hz to 490 Hz with decreasing sweep
 Autonomy: Over 48 hours at -20°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
 LiMnO2 two-element battery for transmitter power supply
 Replacement every 6 years

Housing

Material: Molded plastic
 Color: Yellow (color compounded)

Dimensions: Installed with 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:
 C1X[ED62]A[ED62][SYLMC]EYXXXX
 ZXXX[ZC] [ED62]B[XXXXX]XXX[ED62]

Qualifications

ETSO-2C91a & ETSO-2C126
 (EUROCAE ED62)
 FAA TSO-C126 (RTCA - DO-204)