

406 AF-COMPACT

FAA TSO-C126 & ETSO 2C126 Approved

BUILT FOR RETROFIT



Emergency Locator Transmitter Pack

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:

- Two wire compatibility when installation with optional control panel RC102
- Universal Mounting Bracket
- Minor change approval available for most common aircraft
- No aircraft power supply required
- Internal buzzer
- Very small and light
- Option: programming dongle (perfect for fleets)
- Option: Two wire control panel RC102

Kannad 406 AF-COMPACT pack



Universal Mounting Bracket



RC200



SUB D Connector



DIN-12 ELT Connector

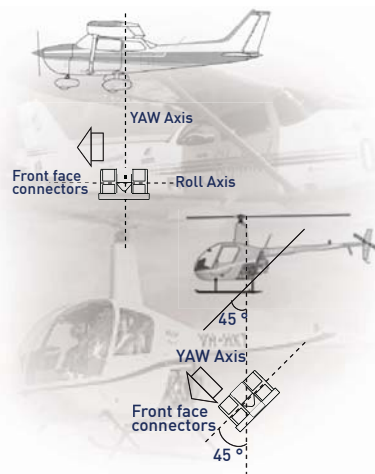


Booklet

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.



Kannad 406 AF-COMPACT ELT kit comes with:

- Compact ELT transmitter with six year battery ①
- Universal mounting bracket ②
- RC200 Remote Control Switch and Sub D Connector ③
- DIN-12 ELT connector ④

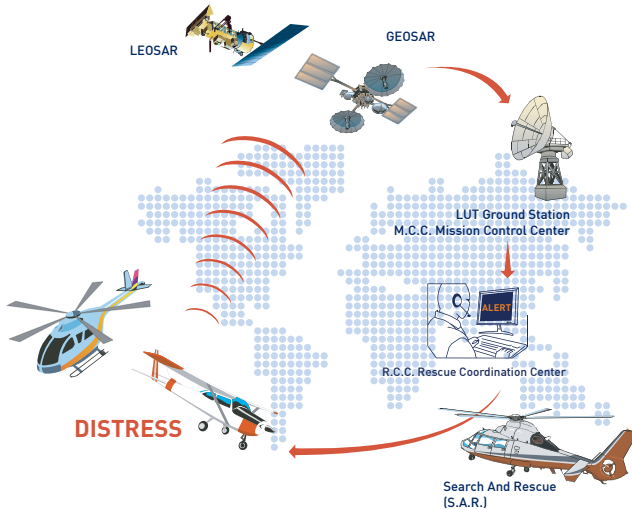


Key Features

- 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 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: S1840501-02 Complete Kit Kannad 406 AF-COMPACT

Black antennas:

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

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

White antennas:

P/N: 0146150 AV200 WHITE WHIP ANTENNA

P/N: 0146151 AV300 WHITE ROD ANTENNA

OPTIONS:

P/N: S1820513-21 RC102 Two wire Control Panel Compatible ACK/Ameriking switch

P/N: S1820513-03 RC100

P/N: S1820514-01 PROGRAMMING DONGLE

TECHNICAL SPECIFICATIONS

Type

ELT Automatic fixed
COSPAS-SARSAT Class 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

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
175 x 99 x 86,4 mm
(6.89 x 3.90 x 3.40 in.)

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]EYXXX
ZXXX[ZC] [ED62]B[XXXXX]XXX[ED62]

Qualifications

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