

Kannad 406 AF-COMPACT

NEW



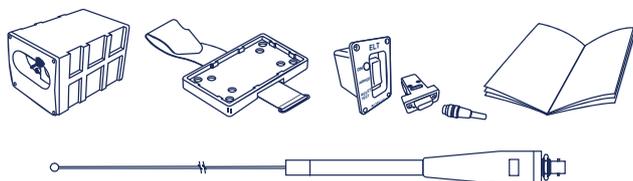
Emergency Locator Transmitter Pack

Main characteristics

This new generation of ELT offers all the latest improvements of the **COSPAS-SARSAT system with the 406 MHz frequency** at a very competitive price for full package:

- Very small: 131mm x 86mm x 75,4mm (5.1"x3.4"x2.9")
- Very light: 850gr (1.87lb)
- Battery life: 6 years
- Programming ease
- GPS Navigator Interface (Option)

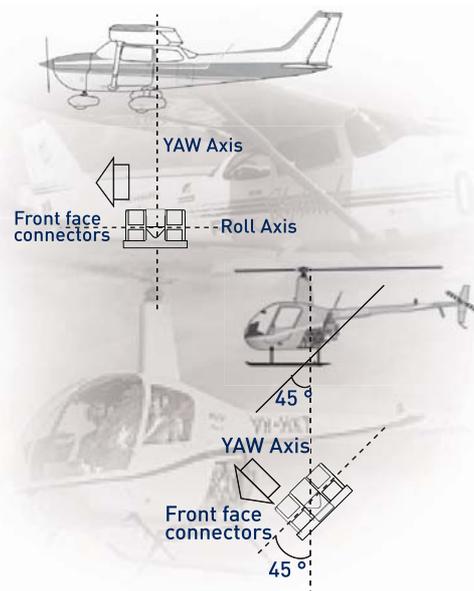
KANNAD 406 AF-COMPACT package



Description

Specialist in pinpointing distresses by satellite and number one in 406 MHz Technology, KANNAD innovate with a new concept of COMPACT ELT, taking the best of the long experience in KANNAD maritime EPIRB's and Personal Locator Transmitters PLB's.

The **KANNAD 406 AF-COMPACT** is designed for private pilots, for all light aircraft requiring a very compact automatic fixed ELT. The robust and reliable shock sensor will automatically activate the ELT in the event of a crash, the pilot can also activate the ELT in case of emergency.



Key features and options

Velcro fixture for easy mounting and programming by dongle (option). The KANNAD 406-AF COMPACT is set-up and moved within seconds.

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

Buzzer and Indicator for activation warning.

A GPS Interface (option) can be added to download the position of the aircraft in the ELT. In this case COSPAS-SARSAT organization will receive the position and identification of the aircraft instantly.



The maintenance is limited to a monthly self-test performed from the cockpit or the ELT. The flashing indicator and the buzzer characterize the ELT status.

The battery replacement is only necessary every 6 years improving considerably over previous generation for the same yearly cost.

P/N

P/N: S1840501-02 PACK Kannad 406 AF-COMPACT
P/N: 0141013 WHIP ANTENNA, ANT200

OPTIONS: NAVIGATION INTERFACE
P/N: S1825501-01 NAV. INTERFACE (SERIAL RS)
P/N: S1825501-02 NAV. INTERFACE (ARINC 429)

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 +/- 2 dBm)
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 +/- 3 kHz
Output power: 100mW mini (+20dBm) for each frequency
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
Internal Buzzer

G-Switch sensor

Mechanical 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)

Tightness: O-rings

Environmental conditions

RTCA DO-160E / EUROCAE Section 4 to 24:
[D1]*A*[YLMC]AYXXXXXX[ZC]XB
Compliant with section 25

Qualifications

ETSO-2C91a & ETSO-2C126
(EUROCAE ED62)
TSO Pending