

406 AF-COMPACT

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



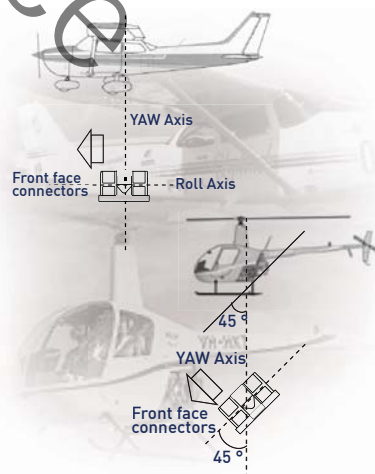
DIN-12 ELT Connector



Booklet

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)

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