



# 406AF COMPACT ELT/COMPLETE KIT

MFR #: S1840501-02m

ALT #: S1840501-02



KANNAD is proud to announce the certification of the latest Emergency Locator Transmitter (ELT) the KANNAD 406 AF-COMPACT by INDUSTRY CANADA / TRANSPORT CANADA (TCCA) under ICID number 1159A-COMPAC406AF. Our unique smart design keeps installation costs down while providing a retro fit capability for every brand in any aircraft.

Kannad 406AF Compact ELT kit comes with:

- COMPACT ELT TRANSMITTER: 40501-01.
- ELT MOUNTING BRACKET: 40502-01.
- RC200 REMOTE CONTROL SWITCH: 20513-11.
- DIN-12 CONNECTOR: 20514-01.
- SUB D 9 PIN CONNECTOR: 0126631.

## ANTENNA SOLD SEPARATELY:

- 250 KNOT WHIP ANTENNA: 0141013 or
- 350 KNOT ROD ANTENNA 0124220.

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: extra long performance 6 years
  
- Programming ease,

## 06AF COMPACT ELT/COMPLETE KIT 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]AYXXXXZXXX[ZC]XB
- Compliant with section 25

## Qualifications

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