

# Emergency Locator Transmitter

## Model S06

### Survival Type

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- The S06 is a Cospas-Sarsat approved ELT operating on three frequencies. This model is manually activated

- Transmission on 406 MHz frequency (Cospas-Sarsat) of a message allowing the aircraft in distress to be positioned and identified

- Transmission on 121.5 and 243 MHz for a quick homing of the rescue team



#### Main features

Compatible with the 4 Cospas-Sarsat protocols

One P/N to match FAA and JAA requirements

Stand alone, small volume, light weight, easy to carry

No need for installation

#### Approvals and standards

Cospas-Sarsat approved: class 2

JTSO approved: JTSO-2C91a and JTSO-2C126 as per EUROCAE ED 62

TSO approved: TSO C91a and C126 as per RTCA

DO-183 and DO-204



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General characteristics	
Power supply	Set of lithium batteries, high energy, activable for three years, autonomy greater than 48 hours at -20°C
Programming	Electrical through connector, by means of test bench STB-06-A, STB-06-LA or programming tool PRG6A
Antenna	Omnidirectional, 3 frequencies

Radio Electrical characteristics	
<b>406 satellite transmitter</b>	
Frequency	406.025 MHz
Short term stability	10 <sup>-9</sup>
Power	5 W
Transmission duration	440 ms
Repetition rate	50 s
<b>Associated homing transmitter</b>	
Frequencies	121.5 and 243 MHz
Stability	10 <sup>-5</sup>
Minimum radiated power	100 mW

Physical characteristics	
Dimensions	395 mm (15.55 in) x 120 mm (4.72 in) x 135 mm (5.31 in)
Weight	1 300 g (2.87 lb)
Storage temperature	- 55 °C to + 85 °C (-67° F to +185° F)
Operating temperature	- 20°C to +55°C (-4° F to +131° F)

Ordering information	
P/N 94N6097	ELT S06

Options	
P/N 22876	Yellow storage/transportation bag
P/N 01N62923	Standard bracket for wall mount with transparent cover

Major Customer references	
Air Calin	Lanchile
Air France	Olympic Airways
Air Tahiti Nui	South African Airways
Austrian Airlines	SR Technics



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