

# Emergency Locator Transmitter

## Model ADT 406 S

### Survival/Portable type

### Matching European and US standards



- Cospas-Sarsat approved ELT operating on **three frequencies** (406, 243 and 121.5 MHz)
- **Survival/Portable** ELT with **float free** capability
- Compatible with any Cospas-Sarsat Protocol
- Meets both **FAA and EASA** requirements
- Manual activation (3 position guarded switch)
- **Water Activation:** Automatic Activation upon **fresh or seawater** contact
- Visual and aural **activation indicators**
- Option 1: quick release bracket for wall mount (same drilling holes as ELT S06 and ELTs from other manufacturers) with plastic cover
- Option 2: storage/transportation bag
- Self deploying three frequency antenna
- **TEST function** allows quick and easy check of the beacon main functions whilst installed
- Hook and lanyard to secure the ELT in float free conditions
- **Easy maintenance** : A programming module keeps aircraft identification on board : easy ELT servicing and swapping, no recoding needed

Main features
Compact, light weight, stand alone
Identification Module
Manual & Water activation
Optional storage/transportation bag
Optional wall mount bracket
Meets latest international standards
Easy maintenance and installation
No false activation induced by EMI

Approvals and standards
Cospas-Sarsat: approved TAC 153
EUROCAE ED 62
ETSO 2C91a and ETSO 2C126
RTCA DO 183 and DO 204
TSO C91a and TSO C126



<b>General characteristics</b>	
Power supply	High energy lithium batteries. Typical transmission duration: 60 hours at - 20° C
Battery life	5 years
Voltage	2 packs of 6 VDC
Antenna	Self deployable, Omnidirectional, tri-frequency

<b>Radio electrical characteristics</b>	
<b>406 MHz satellite transmitter</b>	
Frequency	406.028 MHz
Transmitter Power	5 W
Transmission duration	440 ms
Transmission recurrence	50 s ± 2.5 s
Modulation	“L” two-phase
<b>Associated homing transmitter</b>	
Frequencies	121.5/243 or 121.5 MHz (selectable)
Modulation	AM (3K20A3X) from 1600 to 300 Hz
Transmitter power	100 mW

<b>Physical characteristics</b>	
Max width with float	185 mm (7.28 in)
Max. length with bracket and cover	295 mm (11.61 in)
Transmitter + float + antenna weight	1 500 g (3.3 lb)
Bracket + velcro strap weight	340 g (0.75 lb)
Plastic cover weight	40 g (0.09 lb)
Optional storage/transportation bag	50 g (0.11 lb)
Operating temperatures	- 20°C to +55°C (-4°F to +131°F)
Storage temperatures	- 55°C to +85°C (-67°F to +185°F)

<b>P/N Information</b>	
P/N 01N65920	ELT ADT 406 S

<b>Options</b>	
P/N 04N64250	Optional bracket mount with velcro strap
P/N 04N64265	Protective plastic cover
P/N 04N64255	Optional storage/transportation bag



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 ELTA reserves the right to change specifications at any time without notice 29/08/06

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