

# Emergency Locator Transmitter Model ADT 406 AP

Automatic/Portable type

Matching European and US standards



- Cospas-Sarsat approved ELT operating on three frequencies (406, 243 and 121.5 MHz)
- **Automatic/Portable** ELT with **float free** capability
- Can be used as Survival type ELT
- Composed of a bracket mount, a plastic cover (to avoid inadvertent activation) and a transmitter
- Can be easily removed from bracket to be used as a portable ELT
- Compatible with any Cospas-Sarsat Protocol
- Visual and aural indicator
- Meets both **FAA and EASA requirements**
- **Easy maintenance:** A programming module keeps aircraft identification on board : easy ELT swapping, no recoding needed.
- **Easy installation:** same drilling holes as ELT A06V2 and ELTs from other manufacturers
- Multi-position “G-switch” to facilitate installation
- Enhanced safety: **2 antennas** (primary & back up)
- Connection to cockpit Remote Control Panel
- Connection to **On board GPS** via navigation interface
- Capability to transmit GPS location data

## Main features

**Compact, light weight, stand alone**

**Identification Module**

**Selectable automatic activation direction**

**Dual antenna access**

**Easy maintenance and installation**

**Possible connection to on-board GPS**

**No false activation induced by EMI**

## Approvals and standards

Cospas-Sarsat Approved

Compliant to EUROCAE ED 62

JTSO Approved: JTSO 2C91a and JTSO 2C126

Compliant to RTCA DO 183 and DO 204

TSO Approved: TSO C91a and TSO C126



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<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
Programming	Electrical through connector, by means of test bench STB-06-A, STB-06-LA or computer serial link
Secondary whip antenna	Tri-frequency

<b>Radio Electrical characteristics</b>	
<b>406 MHz satellite transmitter</b>	
Frequency	406.028 MHz
Transmitter Power	5 W
Transmission duration	440 or 520 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 from 1460 to 480 Hz, 3 periods per second
Transmitter power	140 mW

<b>Physical characteristics</b>	
Max. height with float	102 mm (4.01 in)
Max. width with float	188 mm (7.4 in)
Max. length with bracket and bended antenna	340 mm (13.38 in)
Transmitter + float + antenna weight	1 700 g (3.75 lb)
Bracket + velcro strap weight	400 g (0.88 lb)
Plastic cover	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>	
01N65910	ELT ADT 406 AP with float
02N60051	Bracket mount with velcro strap
03N60349	Protective plastic cover
25988	Tri-frequency external antenna
See product data sheet	Remote Control Panel
01N65930	Navigation Interface



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

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