

Emergency Locator Transmitter

Model ADT 406 AF

Automatic/Fixed type

Matching European and US standards



- Cospas-Sarsat approved ELT operating on three frequencies (406, 243 and 121.5 MHz)
- Automatic/Fixed ELT
- Compatible with any Cospas-Sarsat Protocol
- Meet both FAA and JAA requirements
- Easy maintenance: An identification module keeps aircraft identification on board. Programming tool is not needed
- Easy installation: same drilling patterns as ELT model A06V2 (four holes)
- Automatic ELT can be installed in four positions
- High efficiency: 2 antennas (primary and back up)
- Connection to Cockpit Remote Control Panel
- 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
EUROCAE ED 62
JTSO Approved: JTSO 2C91a and JTSO 2C126
RTCA DO 183 and DO 204
TSO Approved: TSO C91a and TSO C126



General characteristics	
Power supply	High energy lithium batteries. Transmit more than 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
Back-up antenna	Omnidirectional, 406 MHz

Radio Electrical characteristics	
406 MHz satellite transmitter	
Frequency	406.028 MHz
Transmitter Power	5 W
Transmission duration	440 or 520 ms
Transmission recurrence	50 s \pm 2.5 s
Modulation	“L” two-phase
Associated homing transmitter	
Frequencies	121.5/243 or 121.5 MHz (selectable)
Modulation	AM from 1460 to 480 Hz, up to 3 periods per second
Transmitter power	100 mW or 200 mW (selectable)

Physical characteristics	
Height	73 mm (2,87 in)
Width	160 mm (6,30 in)
Length	234 mm (9,21 in)
Weight with back-up antenna	1.6 kg (3,53 lb)
Back up antenna length	Max 200 mm (7,87 in)
Operating Temperatures	- 20°C to +55°C (-4° F to +131° F)
Storage temperature	- 55°C to +85°C (-67° F to +185° F)

P/N information	
P/N 01N65900	ADT406 AF
- 02N64070	- Backup antennas
- 02N64071	- long straight
- 02N64072	- long bended
- 02N64073	- short straight
	- short bended

Options	
P/N 25988	External blade antenna (3 frequencies)
See product data sheet	Cockpit Remote Control Panel



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Electronics for Harsh Environments