

Model ADT 406² AF/AP NAV⁺



1 PRODUCT DESCRIPTION

With a significant experience in aerospace, ELTA offers you a host of benefits for your safety by providing reliable products. ADT 406 ELT's range has been developed to meet your requirements in line with international airworthiness. Flat shape, optimized weight, extended battery life for an easy installation and maintenance.

ADT 406² AF/AP NAV+ **AN AUTOMATIC FIXED ELT** with unique features:

Back up antenna, removable identification module, GPS capability via navigation interface and compatible with any coding protocol.

2 ADVANTAGES

- COMPACT, LIGHT WEIGHT, STAND ALONE
- COMPATIBLE WITH ALL USER PROTOCOL, LOCATION PROTOCOL AND STANDARD LOCATION PROTOCOL
- AUTOMATIC/FIXED ELT OPERATING ON THREE FREQUENCIES
- HIGH EFFICIENCY : 2 antennas (primary and back up)
- CONNECTION TO COCKPIT REMOTE CONTROL PANEL
- CAPABILITY TO TRANSMIT GPS LOCATION DATA WITH NAVIGATION INTERFACE
- EASY MAINTENANCE: An identification module keeps aircraft identification on board. Programming tool is not needed.
- EASY INSTALLATION: Same drilling patterns as models ELT A06V2/A06 (four holes)
- NO FALSE ACTIVATION INDUCED BY EMI
- MEETS BOTH FAA AND EASA (formerly JAA) REQUIREMENTS

3 SPECIFICITIES

- AUTOMATIC / FIXED TYPE
- NAVIGATION INTERFACE
- GPS INFO



Model ADT 406² AF/AP NAV⁺

4 CHARACTERISTICS

- AUTOMATIC FIXED ELT CAN BE INSTALLED IN 4 POSITIONS
- OPERATED ON 3 FREQUENCIES
- VISUAL AND AURAL INDICATOR



PROGRAMMING: Electrical through connector, by means of test bench STB-06-A, STB-06-LA or computer serial link

BACK-UP ANTENNA: Omnidirectional, 406MHz

VOLTAGE: 2 packs of 6 VDC

BATTERY LIFE: 5 years + 1 year (battery pack storage)

POWER SUPPLY: High energy lithium batteries (LIMNO₂)

TRANSMISSION DURATION: 60h at - 20°C

APPROVALS & STANDARDS

Cospas-Sarsat Approved TAC 131
EUROCAE ED 62
JTSO Approved : JTSO 2C91a & JTSO 2C126

RTCA DO 183 & DO 204
TSO Approved : TSO C91a & TSO C126

406 MHZ SATELLITE TRANSMITTER

Frequency	406,028MHz
Transmitter Power	5 W
Transmission Duration	440 or 520 ms
Transmission Recurrence	50s ± 2.5 s
Modulation	"L" two-phase

ASSOCIATED HOMING TRANSMITTER

Frequencies	121.5/243 MHz
Modulation	AM from 1460 to 480 Hz, up to 3 periods per second
Transmitter Power	200 mW

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 Temperatures	-55°C to +85°C (-67°F to +185°F)



BACK UP ANTENNAS



ELTA ADT 406 ELT RANGE

OPTIONS

See Product Data Sheet	External blade antenna (3 frequencies)
See Product Data Sheet	Cockpit Remote Control Panel

PART NUMBER INFORMATION

P/N 01N65902	ELT ADT 406 AF/AP NAV+
P/N 01N65930	Navigation interface
P/N 02N64070	Back-up antenna - long straight
P/N 02N64071	Back-up antenna - long bended
P/N 02N64072	Back-up antenna - short straight
P/N 02N64073	Back-up antenna - short bended

