



406 MHz ETS ELT Test Set

**EASILY &
ECONOMICALLY
VERIFY YOUR
BEACON ID!**

The ETS ELT Test Set* is a rugged and waterproof handheld device that can be utilized to read the transmitted code of an ARTEX 406 MHz ELT. The beacon ID and all encoded data is displayed on the reader. The data is saved to a database and is time-stamped. The beacon can be read over the air (in test mode or a shielded enclosure), or by transmitting directly into the reader (for beacons with external antenna connections).

■ It is crucial for beacon IDs to be registered with national authorities, and the ETS Test Set provides a simple method to verify the ID after installation or reprogramming. A beacon must also be re-registered when aircraft or beacon ownership changes, so verification is desired.

■ The ETS records all data in an internal database which can be backed up to a PC. The data can be viewed on the PC independently of the ETS.

■ The ETS can print a record directly to a serial or Infrared (IRDA) enabled printer. Low cost infrared adapters are available to turn any printer with a parallel port interface into an infrared printer.

*Note: the ELT Test Set is a module utilizing the Aceeca™ Meazura™ Palm Powered™ OEM Unit and it's MZIO Bus.



Specifications	Description	Remarks
406.025 receiver range:	-60dBm to +36dBm	5W signal
Decoding	Per Cospas-Sarsat C/S T.001	Issue 3, Revision 5
Operating System	Windows CE 5.0/Garnet OS 5.4	
Microprocessor	400 MHz Samsung	
Memory		
Volatile	64 megabytes SDRAM	
Non - Volatile	128 megabytes Flash	
Expansion	via MZIO™ bus standard	
Display		
LCD Type	TFT High Brightness Touch Screen	
Resolution	240 x 320 pixels	
Viewable Area	3.5"	
Backlight	LED	
Communications		
USB	1 megabyte / sec	Cable provided in kit
Serial (RS232)	1200 to 115200 bits / sec	Optional - available from Aceeca
Infrared (IrDA)	1200 to 115200 bits / sec at 1meter	
Communications Connector	13 pin - custom gold plated pins	Cradle or communications cable.
Battery		
Type	Lithium Ion, custom battery pack	Rechargeable.
Voltage	7.4V nominal	
Capacity	1700 mAh	
Protection	Over charge / discharge and thermal	
Charging Current	1.2A (maximum)	Via cradle (not provided) or comm cable.
Charging Input	12V DC nominal	Use only charger supplied.
Mechanical		
Dimensions	6.7" (170mm) (L) x 3.7"(94mm) (W) x 1.53" (39mm) (H)	w/o Antenna
Weight	1 LB (456gm)	Approx., w/ Antenna
Environmental		
Operating Temperature	-10°C to 60°C	
Storage Temperature	-20°C to 65°C	
Humidity	5% to 90% relative humidity	Non-condensing.
RFI / EMC	CSPR22, CEM24	RF emissions & ESD immunity.
FCC	Part 15, Class A	
CE	EU EMC Directive	
Sealing	IP67	Submersible to 1 meter (30 min).
Current Consumption		
Power on	130mA typical	Meazura only - backlight off.
Full System	60mA typical	Backlight on.
Sleep Mode	7mA typical	

P/N 8700 Programmer Tester (for ARTEX authorized ASC/BRC facilities only)

ARTEX Programmer Tester has all the functionality of the tester with the ability to program all ARTEX ELTs. This rugged and waterproof handheld device will read the transmitted code of an ARTEX 406 MHz ELT. The beacon ID and all encoded data is displayed on the reader. The data is saved to an internal database and is time-stamped.

P/N 8701 Tester ONLY

ARTEX Tester is a rugged and waterproof handheld device to read the transmitted code of an ARTEX 406 MHz ELT. The beacon ID and all encoded data is displayed on the reader. The data is saved to an internal database and is time-stamped. This is a test set only and provides no programming capability.