New!

ARTEX

406 MHz ETS

ELT Test Set

- Since it is crucial for the beacon ID to be registered with the national authorities, the ETS Test Set provides an easy and economical means 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 also 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.

EASILY & ECONOMICALLY VERIFY YOUR BEACON ID!

The ETS ELT Test Set* is a rugged and waterproof handheld device to read the transmitted code of a 406 Mhz Cospas-Sarsat 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 transmitting directly into the reader (for beacons with external antenna connections).

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

Learn more about the ETS ELT Test Set by calling us at 1.800.547.8901 *or visiting our web site at www.artex.net*

ARTEX AIRCRAFT SUPPLIES
P.O. Box 1270
Canby, OR 97013
email: sales@artex.net
www.artex.net

560-1000 Rev -
10-06-04

ETS ELT Test Set Specifications

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	Palm OS® 4.1.2	Upgradeable to Palm OS® 4.x.
Microprocessor	33MHz Motorola DragonBall-VZ	
Memory		
Volatile	16 megabytes SDRAM	Approx 15MB available to user.
Non - Volatile	4 megabytes Flash	Approx 2MB available to user.
Expansion	via MZIO™ bus	Supports multiple formats.
Display		
LCD Type	FSTN (TDF) grayscale	
Resolution	160 x 160 pixels	
Viewable Area	56mm (W) x 56mm (H)	
Touch Screen	Analog Resistive	
Backlight	Electro luminescent	
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	3.6V nominal	
Capacity	1900 mAh	
Protection	Over charge / discharge and thermal	
Charging Current	1.2A (maximum)	Via cradle (not provided) or comm cable.
Charging Input	9V 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	32°F to 122°F (0°C to 50°C)	
Storage Temperature	14°F to 140°F (-10°C to 60°C)	
Humidity	5% to 90% relative humidity	Non-condensing.
RFI / EMC	CSPR22, CSPR24	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	21mA typical	Meazura only - backlight off.
Full System	60mA typical	Backlight on.
Sleep Mode	1 to 2mA typical	

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