

“RESCUE enroute”

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<http://www.avionteq.com/ICARUS-ELTT-124-Multi-band-ELT-Tester.aspx>



www.avionteq.com



Because Your Work Passed the Test.

Testing the ELT is the crucial final step when you complete an installation or do an annual inspection. The new ELTT-124 is all you need for testing any aviation-grade ELT.

Conduct your 406 testing using the radiated signal in the TEST mode, or in the ACTIVE mode using the included VHF attenuator. The 121.5/243 testing is done using either the radiated or cabled methods.

Internal memory stores up to 10 results, which can be uploaded via USB for logging and documentation.



THE NEW MULTI-BAND ELT TESTER



ICARUS

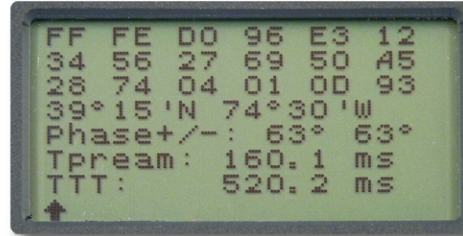
ELTT-124 Multi-band ELT Tester – Complete Aviation 406/121.5/243 Test Kit

Complete Features

- Measures radiated RF which tests the ELT, antenna cable, and antenna
- Measures frequency in all three bands including planned 406 MHz channels
- Decodes ELT's 406 HEX ID
- Decodes and displays the 24-bit ICAO ID as required internationally
- Built-in speaker for verifying 121.5/243 MHz swept ELT tones
- GPS coordinates are displayed in simple to read LAT/LONG format

Complete Functionality

- Reception, demodulation and decoding of 406 MHz information
- GPS position data decoding (if available) in degrees, minutes, seconds
- RF power measurement
 - 406 MHz channel in range 19 to 43dBm with accuracy ± 0.5 dB (antenna: -34 to -10dBm ± 2 dB)
 - 121.5 MHz channel in range 13 to 20dBm with accuracy ± 0.5 dB (antenna: -40 to -34dBm ± 2 dB)
 - 243 MHz channel in range 13 to 20dBm with accuracy ± 0.5 dB (antenna: -40 to -34dBm ± 2 dB)
- Display of the phase deviation of modulated signal with accuracy to $\pm 2.8^\circ$
- Measurement of total transmission time of 406 MHz signal with accuracy $\pm 0.2\%$
- Measurement of preamble of 406 MHz signal with accuracy $\pm 0.2\%$
- Frequency measurement
 - 406 MHz signal with accuracy ± 500 Hz
 - 121.5 MHz signal with accuracy ± 300 Hz
 - 243 MHz signal with accuracy ± 300 Hz



Contrast-adjustable LCD display with backlight

Complete Kit

- ELT Testing Unit
8.3x4x1.7 in. / 1.1 lb. (w/o Ant.)
- Tester Antenna
- USB Cable
- VHF Attenuator
- VHF cable (TNC-TNC)
- VHF cable (BNC-TNC)
- Operator Guide
- Pelican® Case

