

TTU-205C/E Pressure-Temperature Test Set

Product Specifications

P/N:18910010000 NSN:4920-489-9110

TTU-205C/E Salient Features

- The TTU-205C/E (also referred to as the Charlie Echo) Pressure-Temperature Test Set is the electro-mechanical predecessor to the newer digital TTU-205 models (such as the TTU-205D or the TTU-205J). Control and measurement of Altitude and Airspeed is operated through rotary knobs and counter assemblies.
- The accuracy of the TTU-205C/E is less than that of the later digital versions, however it can meet or exceed current requirements for older military and/or commercial aircraft.
- TTU-205C/E models are generally calibrated on a 3 month calibration cycle



TTU-205C/E Specifications

Altitude	Specifications
Altitude Ranges	-1,500 to +80,000 ft
Altitude Accuracy	±15 feet or ±0.15% from -1,500 to 60,000 feet, increasing linearly to ±160 feet at 80,000 feet
Altitude Slew Rate	0 to 35,000 ft/min
Altitude Rate Accuracy	±150 ft/min or 3% of setting
Altitude Rate Resolution	1 ft/min
Total Temperature Simulation	30 to 129.9 ohms (-99°C to +430°C)
Units	inHg, feet (ft)

Airspeed	Specifications
Airspeed Ranges	50 to 1,000 knots
Airspeed Accuracy	±1-1/2 knots
Airspeed Slew Rate	0 to 700 knots/min
Airspeed Resolution	± 0.1 knot
Mach Limit Setting	0.8 to 3.0 Mach
Mach Limit Accuracy	±0.5 Mach
Units	knots (Vc), inHg, Mach

Leading Particulars	Specifications
Weight	97 lbs with accessories
Dimensions	24.5 x 19 x 14 inches
Power	90 -264 VAC, 47-440 Hz, Single Phase
Static Load	5 to 250 cubic inches
Pitot Load	5 to 100 cubic inches
Operating Temperature	-40°C to +55°C

