



## New from TCI The **EET-200** Encoder Emulator Tester

End the shotgun approach to troubleshooting and reduce the time spent diagnosing altitude encoder/transponder problems. TRANS-CAL INDUSTRIES' **EET-200** offers the avionics technician an inexpensive diagnostic tool for altitude encoder/transponder troubleshooting.

Open or shorted wire in your encoder harness? A bad input gate on the transponder? Why waste time jumping individual data bits to ground using a clip lead and paper clip? The **EET-200** provides the avionics technician a clean, quick and reasonably priced method of emulating an altitude encoder output by providing a known good altitude code source to aide in isolating each data bit D2 through C4.

Simply unplug the altitude encoder and substitute the **EET-200**; rotating the knob will move the transponder through a variety of preprogrammed altitudes testing each data bit in sequence.

Suspect a problem with the altitude encoder? Unplug the encoder and plug both the transponder and the encoder into the **EET-200**. Use the built in vacuum syringe to simulate any altitude from below sea level to over 30,000 feet (using supplied 12" x 1/8" tubing, not pictured). Compare the encoder output to the supplied altitude code chart to determine if an error is present.

Strobe function not working? Simply toggle the strobe switch on the **EET-200** to simulate an open strobe on the digitizer or the transponder.

Power supply connected correctly? Simply unplug the altitude encoder and substitute the **EET-200**. If the power LED glows green then your good to go, if it glows red then your power is hooked up improperly.

Simple, Clean, Compact and almost indestructible. Put the **EET-200** in your toolbox today!

# EET-200 Specifications

Weight:	1/2 lb
Dimensions:	L = 6.5" W = 3.5" H = 2.5"
Power consumption:	15ma @ 14 Volts 48ma @ 28 Volts
Operating voltage range:	10 Volts DC to 33 Volts DC
Altitude range of vacuum pump: (Using supplied 12" tubing)	-1,200' to +30,000'
Storage temperature:	-55C to +70C
Operational temperature:	-55C to +70C
Selectable output altitudes:	-1000', -800', -600', -200', +800', +2,800', +6,800', +14,800', +30,800', +62,800'