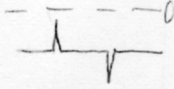


M101 TF SEQUENCE

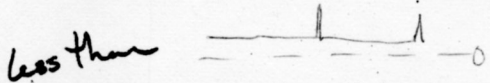
1. START

2. +10V CHECK



Scope should show a DC Voltage (ignore the spikes) that is $\pm 25\text{mV}$ from ground. This corresponds to $\pm .25\text{V}$ through a built-in pad.

3. -10V CHECK



Scope should read $\pm 5\text{mV}$ from ground. This is equaled to a 10mV tracking differential between the $\pm 10\text{V}$ supplies.

4. SWEEP TIME CHECK



Adjust the ramp rise time to $< 10\text{ms}$ (9ms if possible) with the freq adj pot on module. Throw the sweep time switch to the slow position and check for a rise time approximately twice the normal time (ie $\approx 18 - 20\text{ms}$).

5. MAN. + SWEEP TIME SW. BACK TO FAST POS.

Adjust the man limit pot in the module to set the DC level the same as the positive peak of the triangle waveform of the preceding section.

6. DELAY

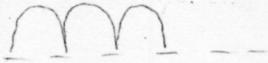


Check for a 4-5 ms sweep delay at the bottom of the waveform.

7. TRIG

Depress the trig switch and check for single trig condition.

8. NEG PEAK



Check for spikes terminating within $\pm 16\text{mV}$ from ground.

9. POS PEAK



Check for spikes terminating within $\pm 16\text{mV}$ from ground.

10. LINE CHECK



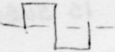
Initial spike usually $+10\text{mV}$ or less from ground "wait" period usually within $+32\text{mV}$ from ground.

11. INVERTED RAMP CHECK

Set inverted ramp size pot on module for a null condition.

12. MAN -

DC Voltage within ⁶⁰~~50~~ mV from ground (this measures how close to the low frequency end of the ramp you can get the manual mode.)

13. BLANKING CHECK 

Square wave should at least fill the screen. Check currents at this position $\pm 18V$ should be $\approx 18-20mV$.

14. LEAKAGE

DC Voltage should drift less than 1 minor div. per minute.