

MAINTENANCE MANUAL  
IN-2025B MULTIFUNCTION COLOR INDICATOR

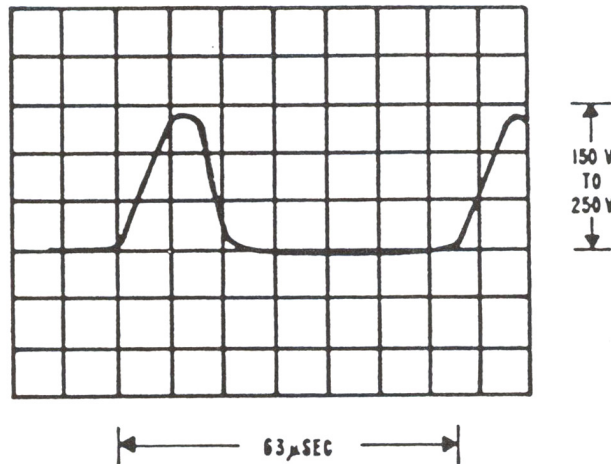
3.

E. Scan Blank and Line Blank Waveform Checks

- (1) Connect an oscilloscope (11) to TP20 on the sweep board. The waveform shall be scan blank pulses to 0.5 milliseconds wide, occurring 16.2 milliseconds apart (period of 16.7 milliseconds).
- (2) Connect an oscilloscope to TP21 on the sweep board. The waveform shall be line blank pulses 13 usec wide, occurring 50 usec apart (period of 63 usec).

F. Flyback Waveform Checks

- (1) Apply power to the test setup.
- (2) Place the indicator function switch in the TEST position.
- (3) With an oscilloscope (11), measure the waveform at TP18 on the sweep board. The waveform shall be a positive pulse about +150V to +250V peak, with a period of 63 usec. Refer to Figure 4-2.

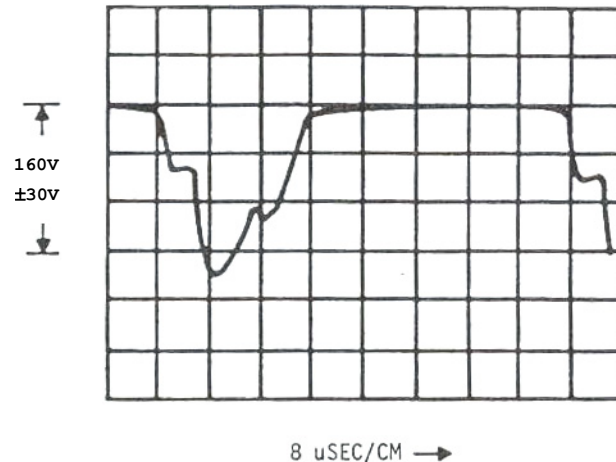


TP18 on Sweep Board (Flyback)  
Figure 4-2

- (4) With an oscilloscope, measure the waveform at TP9 on the sweep board. The waveform shall be a negative pulse similar to the previous waveform. Refer to Figure 4-3.

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3.F.(4)



TP9 on Sweep Board (Flyback)  
Figure 4-3

G. Purity Adjustment

- (1) Remove the power from the indicator.
- (2) Remove the display board (with processor board attached) from the main frame, but do not disconnect the connectors attached to the board(s).
- (3) Remove the master/slave data board from the main frame but do not disconnect the cable.

Note: The boards are removed to permit reaching the inside area and adjusting the items on the CRT neck.

- (4) Remove the horseshoe magnet.
- (5) Loosen the screw holding the deflection yoke clamp and move the yoke forward as far as possible.

Note: If the yoke is rotated, the display will be tilted.

- (6) Connect a ground wire to U6006 at pin 1 on the memory board.
- (7) Apply power to the indicator and place the function switch in the TEST position.
- (8) Degauss the CRT with a degaussing coil.