

TYPE T UNIT

SPECIAL MODIFICATION 104

SINGLE SWEEP OPERATION

TRIGGERED OPERATION

With the toggle switch in the NORMALSWEEP position adjust the STABILITY and TRIGGERING LEVEL controls for normal operation in any of the triggered modes. Place the toggle switch in the SINGLE SWEEP position and press the RESET button to arm the sweep. The READY light should go on. There will be only one sweep when a trigger arrives and the READY light will go out. Succeeding triggers will not initiate a sweep until the RESET button is depressed.

RECURRENT OPERATION

With the STABILITY control fully clockwise, place the toggle switch in the SINGLE SWEEP position. Each time the RESET button is

depressed a single sweep will occur regardless of the receipt of a trigger.

TRIGGERING LEVEL CONTROL RANGE

This modification includes a change in the range of the TRIGGERING LEVEL control that makes it easier to trigger at a particular level of a small transient as is often required by operation in the SINGLE SWEEP mode. If you wish to trigger on a particular signal level greater than about 6 volts (either plus or minus) you will have to use an external attenuator. The range is such that you can select the level of any internally derived signal that does not deflect the CRT beam beyond the graticule limits. Alternatively you can change R7190 back to 470k to obtain the normal external triggering range.

PARTS LIST CHANGES

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|-------|------|------|----|------|-----------|-----|---------|
| R7190 | From | 470k | to | 56k | 1/2 w | 10% | 302-563 |
| R7200 | From | 56k | to | 22k | 1/2 w | 10% | 302-223 |
| R7290 | From | 1.8k | to | 3.3k | 1/2 w | 10% | 302-332 |
| R7300 | From | 3.3k | to | 2.7k | 1/2 w | 10% | 302-272 |
| R7320 | From | 33k | to | 18k | 2 w | 10% | 306-183 |
| R7340 | From | 33k | to | 18k | 2 w | 10% | 306-183 |
| R7400 | From | 2.2k | to | 1.5k | 1/2 w | 10% | 302-152 |
| C7590 | From | 39pf | to | 68pf | Cer. 500v | 10% | 281-549 |

