536 Calibration Outline

(When using a "T" Unit, don't trigger in LINE when doing the power supplies--Causes excessive ripple. Trigger in EXT.)

1. Power Supplies: -150 (adjustable)
   100
   225
   350

2. HV Adjust -800v

3. Adjust Calibrator 100v Check all positions--3%

4. CRT Allignment

5. Adjust Geometry

6. Adjust Vertical Gain (R313) Adjust for 4cm display

7. Check Compression & Expansion
   With 4cm display--1mm

8. Adjust Vertical Beam Position Indicator Balance (R375)

9. Adjust Vertical Sig. Out DC Level
   Scope, and adjust for 0v

10. Adjust Vertical DC Shift Compensation

11. Adjust Vertical HF Compensations
    L304 L324
    L350 L356
    L323

12. Check Risetime 30ns (Time Base Must Be Accurate)

13. Vertical Sig. Out Compensation (C392)
    Use X10 compensated probe and
    MED pulse rate (100kc)

14. Adjust Horizontal Gain Time base in left side of scope
    Patch GATE OUT to CRT GRID AC
    Patch Horiz Sig Out to EXT TRIG

    Adjust for 4cm display

15. Check Horiz. Compression & Expansion
    With 4cm display--1mm

16. Adjust Horizontal Beam Position Indicator Balance

17. Adjust Horiz. HF Compensations
    Same as Vertical

18. Horiz. Sig. Out Compensation
    Same as Vertical