13" COLOR GAME MONITOR SCHEMATIC DIAGRAM

MANUAL AMENDMENT
MANUAL AFFECTED: 15-3950-AM-1
KEEP THIS SHEET WITH YOUR MONITOR MANUAL
PURPOSE: Improvements to 19" Type A Monitors; New 19" and 13" Type A Schematics

CHANGES ON ALL TYPE A MONITORS

1. Additional tracers have recently been made in the sweep circuits of 10" Type A monitors.
2. The addition of a 0.1uf capacitor on the vertical sweep section of some Type A monitors has, in some cases, caused a cross-talk effect. In others, the addition of a 0.1uf capacitor on the horizontal sweep section of some monitors, has reduced the horizontal sweep linearity. A 0.1uf capacitor at pin 4 of the 7407 and the addition of a VERTICAL DAMPING control beside the VERTICAL HOLD control at the back of the monitor. Your monitor is the new type if it has this VERTICAL DAMPING control.

If applicable to your monitor, proceed with this change in the attached 19" schematic set:

- Add an R54, 100k, variable switch SW2. 19" monitors with a T5A resistor at position R54 (Pin 4 of IC2N) will not have the R54 resistor.
- Note the following:
  - (b) 3.3k, 1k6, and 1k8 resistor R56 shown across capacitor C244 is now used in some 19" monitors.
  - (g) VERTICAL DAMPING CONTROL.
  - (h) ADDITIONAL CAPACITOR.
  - (i) ADJUST VERTICAL DAMPING CONTROL.
  - (k) Note the changes in the attached 19" schematic set. If applicable, put the new Type A schematics. They are not interchangeable with deflection traces numbered 256-111-1188 or 256-11-1981.

CHANGES ON 13" MONITOR SCHEMATIC DIAGRAM

- Adjusts vertical sweep trace in games where these bars are used.
- Adjusts horizontal sweep trace in games where these bars are used.
- Adjusts sweep trace in games where these bars are used.
- Adjusts vertical sweep trace in games where these bars are used.

13" MONITOR NECKBOARD