

FIELD ENGINEERING BULLETIN

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MODEL ATR-100

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SUPERSEDES

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TITLE: Erase/Bias-Ramp Timing Changes Due
to Capacitor Leakage**I. APPLICABILITY**

Main audio PWA P/N 4050754-01 thru -09.

II. PURPOSE

The main audio PWA's presently use 4 each "green" Varadyne capacitors in C18, 38, 41 and 43. There has been several cases of failure due to leakage.

III. DISCUSSION

The failure of C38 or C41 will cause the erase circuit to come on. The I/O module confidence lites will also illuminate. A substitute capacitor manufactured by "Erie" and colored red has been found to be very reliable. Effective with PWA 4050754-10 all four capacitors will be the new "Erie" vendor.

IV. PARTS LISTS AND TOOLS REQUIRED

4 each capacitors, ceramic-monolithic 0.22MF, 10%, 50V. (Red color) (Ampex P/N 064-567.)

Common Technicians hand tools required.

V. PROCEDURE

On the main audio PWA P/N 4050754-01 thru -09, remove the padnet and main audio PWA. On the main audio PWA only locate the 4 green "Varadyne" capacitors at C18, 38, 41 and 43. Remove and replace with 4 each "Erie" capacitors. No re-alignment of the PWA is necessary.

This completes the modification.