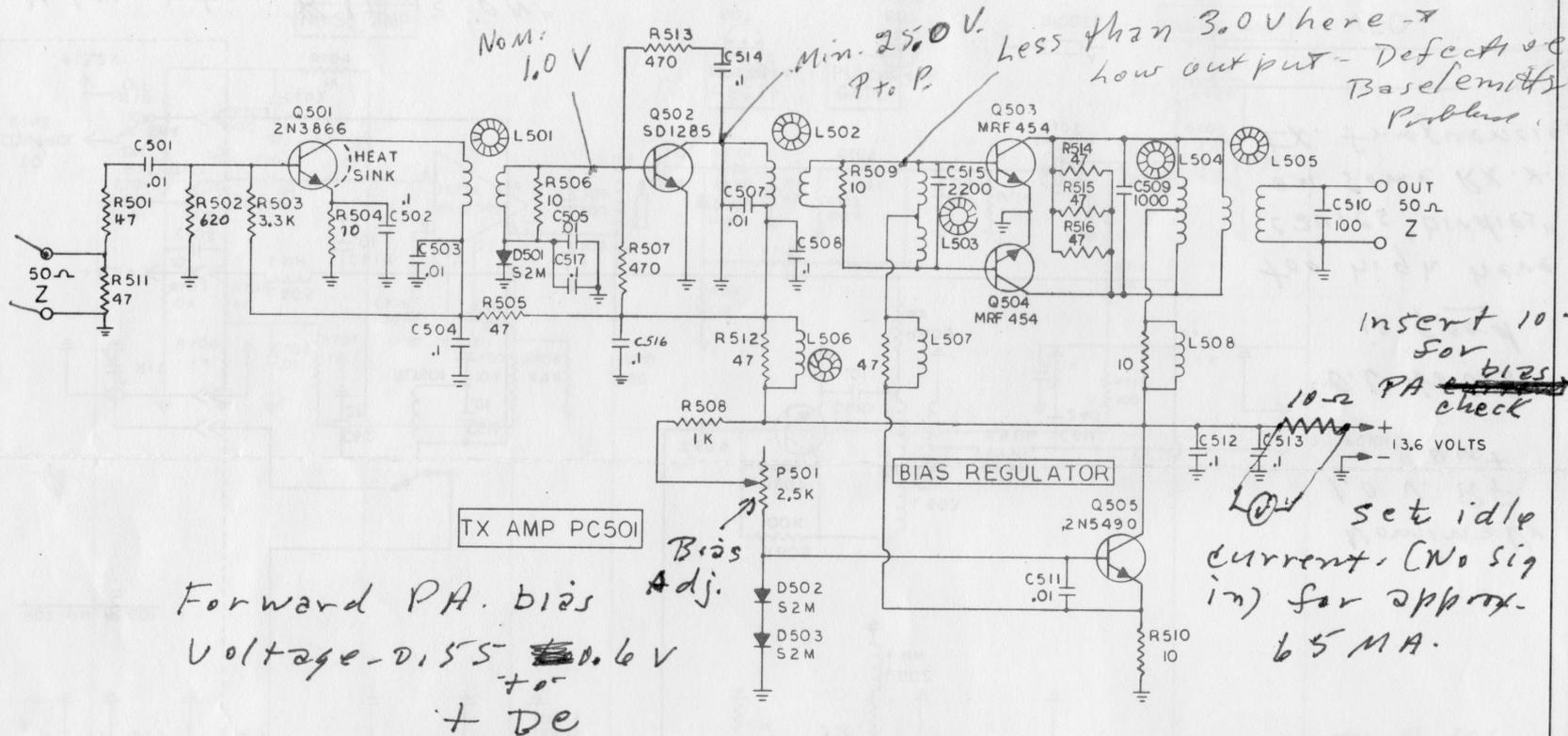
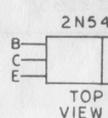
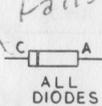


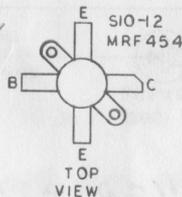
Notes: When tble-shooting earlier stages for Tx problems, remove the +12V lead from PA chassis and measure input at R511



Rarely fails

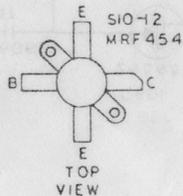
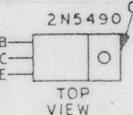
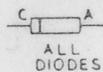
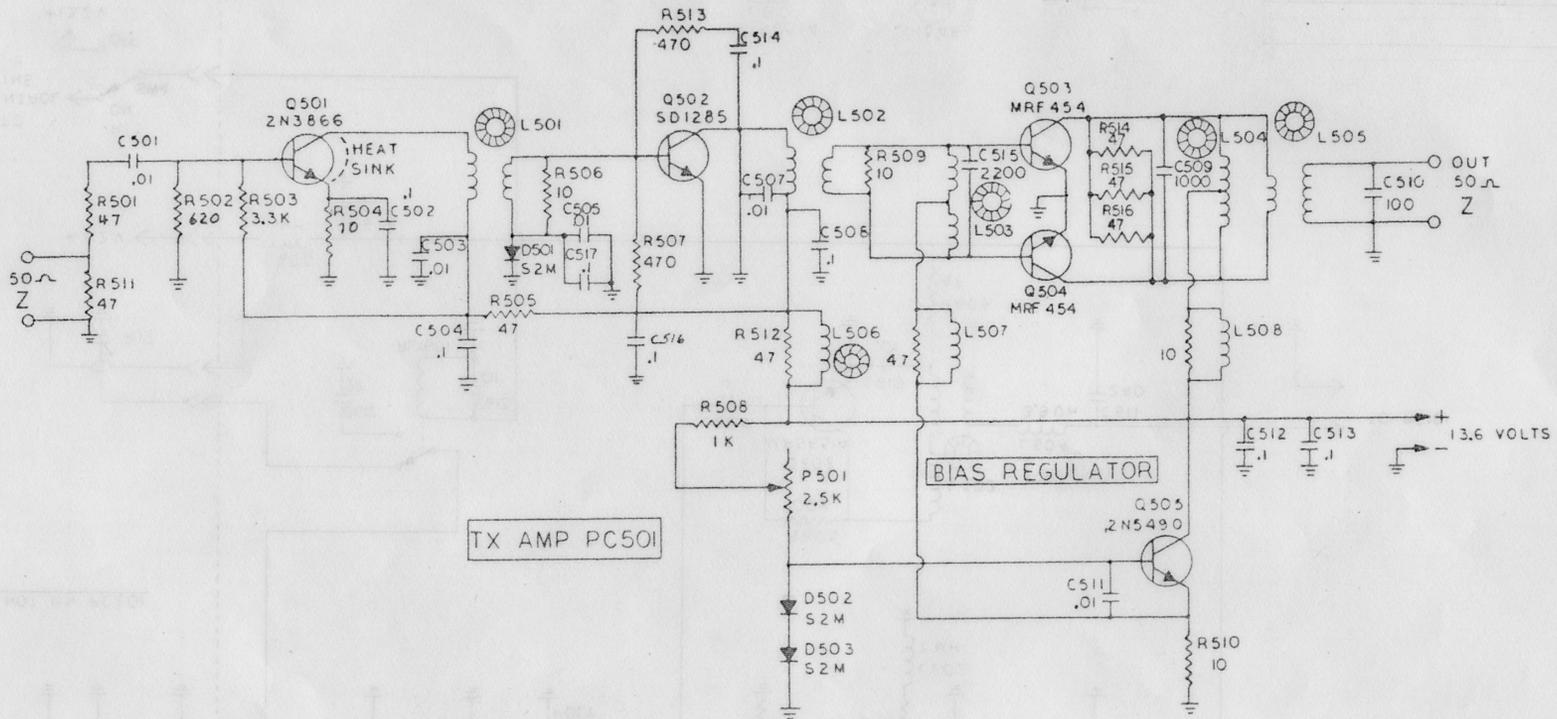


Rarely fails



SCHMATIC DIAG
 PC501 TX MODULE
 ALDA 1 80-40

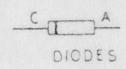
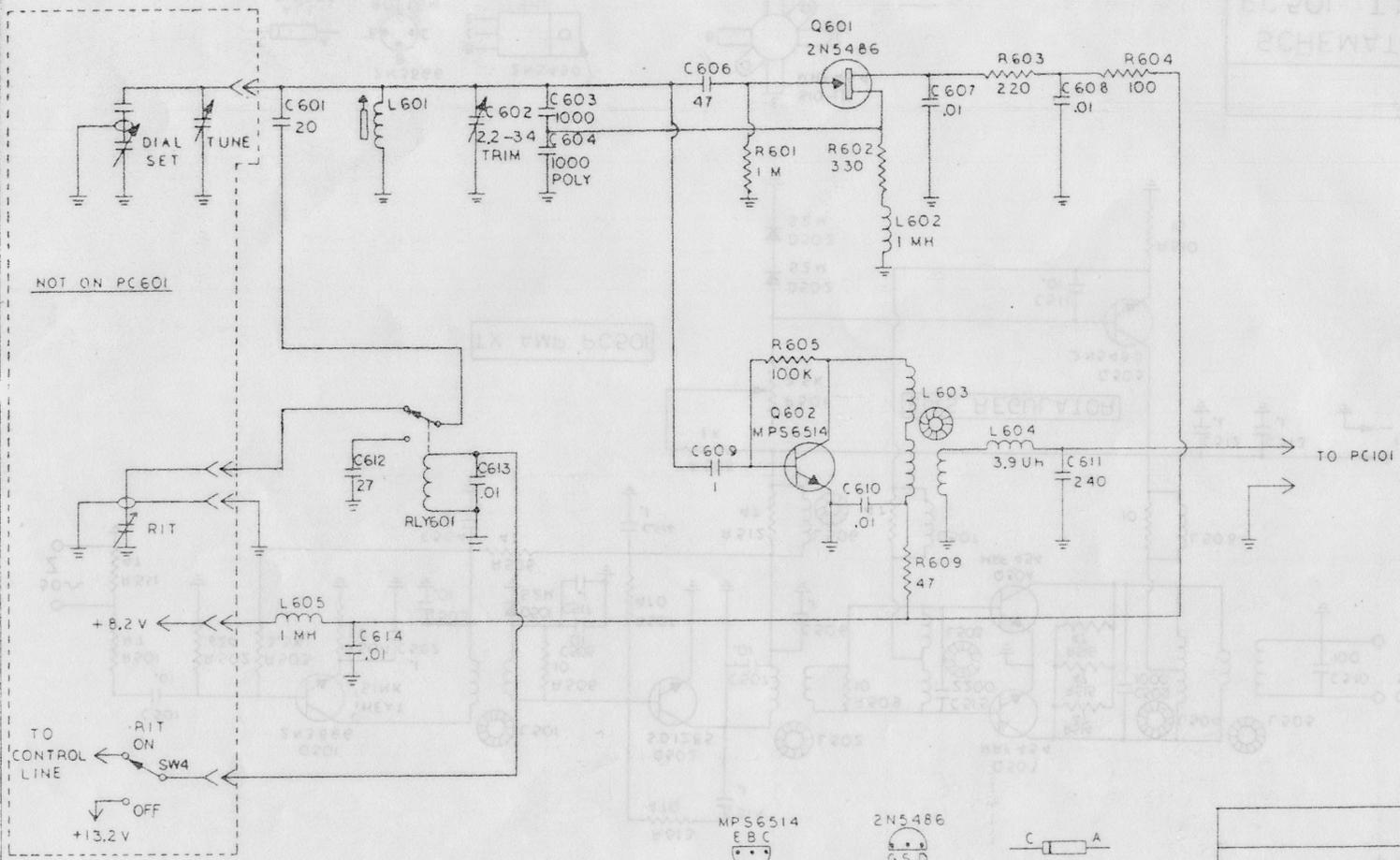
Inputs Required for
 For Alda. 105 mod: 80M-2.7/3.0V, 40M-3.0V, 20M-3.0V to 3.5V, 10M-3.0 to 3.5V



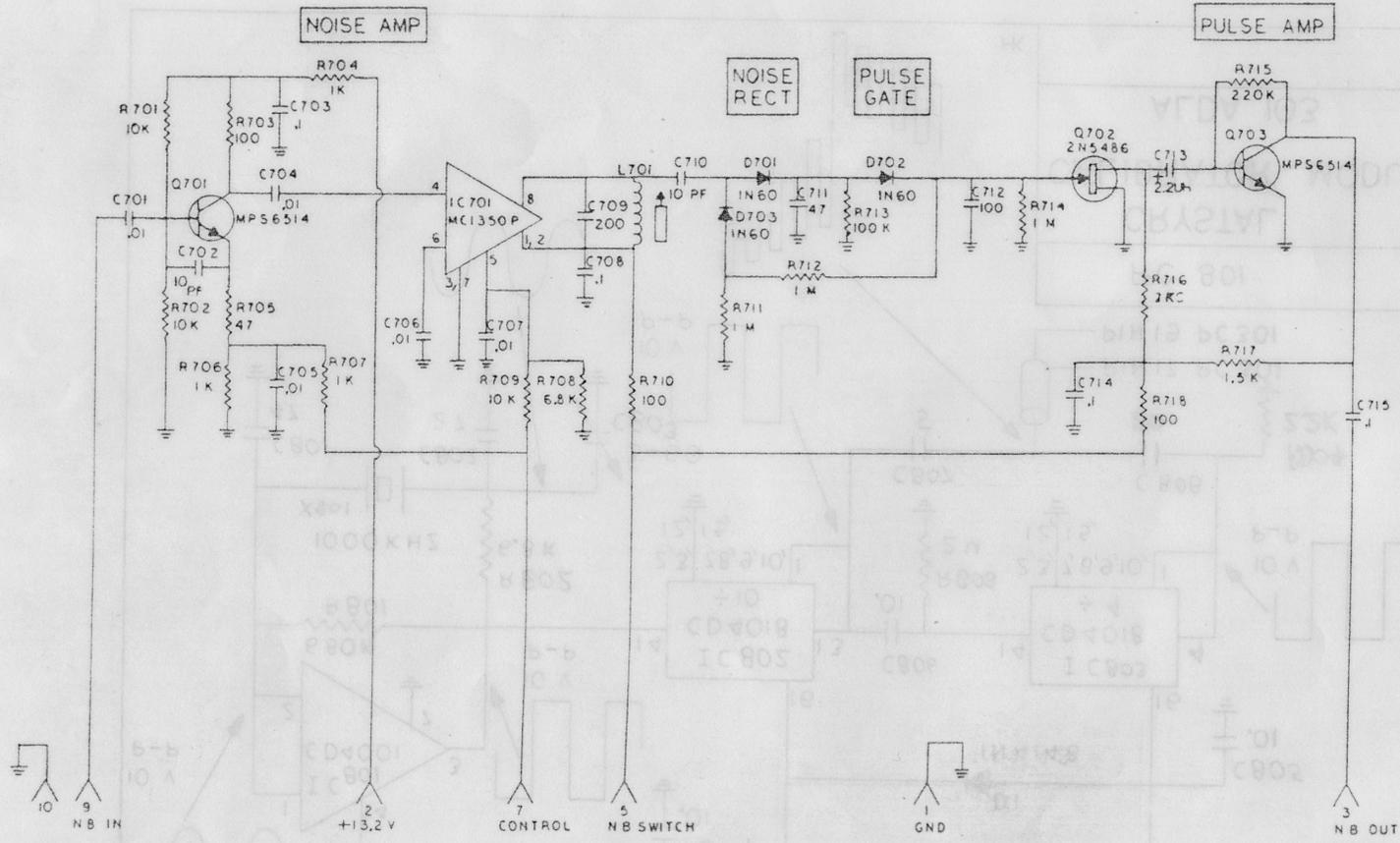
SCHEMATIC DIAG
PC501 TX MODULE
ALDA 1 80-40

HK

04-08-1503
 EC 201 LX WOOD
 SCHEMATIC DIV



VFO
 PC601
 ALDA 1



NOISE BLANKER
PC 701
ALDA 1

CONNECTING THE CALIBRATOR MODULE PC 801 TO THE ALDA 103 TRANSCEIVER

1. Remove both covers. Turn transceiver upside down.
2. Fit the Calibrator PC Board to the bracket holding the dial ball-drive unit. Use the two screws provided. See Figure 1 for location.
3. Feed the red wire through the opening, past the meter, turn transceiver right side up. Connect the wire to the dial lamp located directly behind the dial. This is a +8.2 volt point and has one other red and orange wire connected to it. Tuck the wire down so that it does not get pinched when the cover is replaced. See Figure 2.
4. Feed the co-axial cable through the opening, past the meter. Turn the transceiver right side up. Connect the co-ax inner conductor to pin 19 of the PC301 PC board connector. (Counting from the front.) Solder the braid to pin 17 of the same socket. See Figure 2 for PC301 location.
5. Turn on the transceiver. The center position of the switch is OFF. The left-hand position gives 25 KHz markers, and the right-hand position 100 KHz markers (viewed from the normal operating position). The Calibrator is adjusted to frequency at the factory.

NOTE: When both the crystal calibrator and the noise blanker are energized simultaneously, a feedback condition exists due to the harmonic content of the calibrator. This is a normal condition, which may be bothersome during calibration. To eliminate this condition, momentarily turn off the noise blanker.

