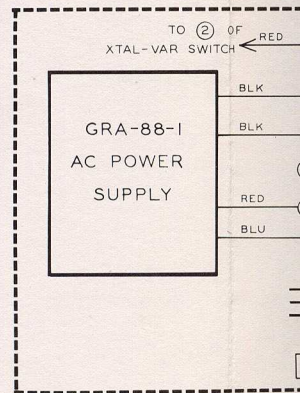
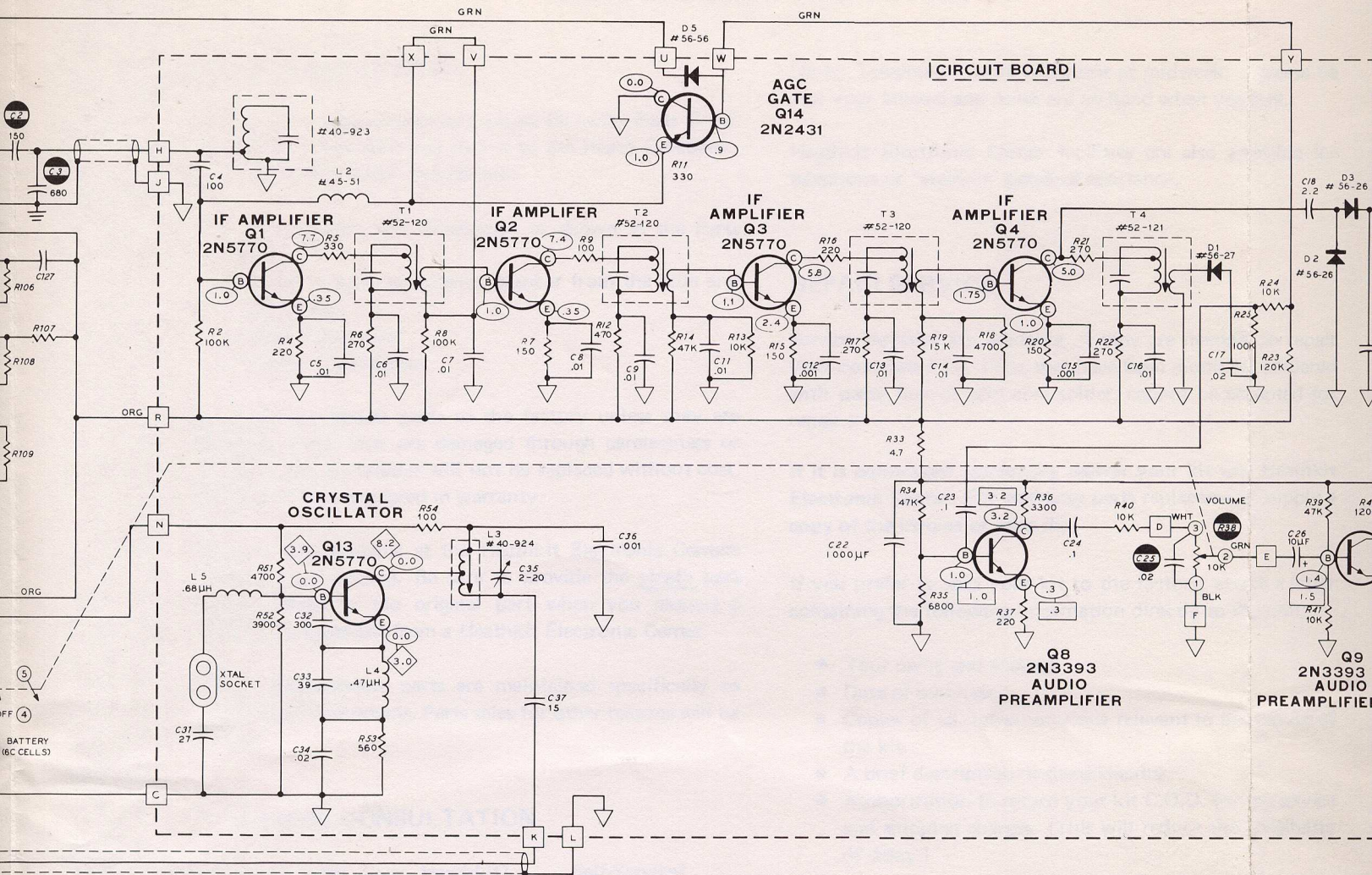


HEATH PART NO.	MANUFACTURER AND TYPE NO.	BASING (VIEWED FROM BOTTOM)
417-118	G E 2N3393	
417-121	AMPEREX 2N2430	
417-122	AMPEREX 2N2431	
417-293	FAIRCHILD 2N5770	
417-201	G E X29A829	
417-169	MOTOROLA MPF 105	





NOTES:

1. ALL RESISTOR VALUES ARE IN OHMS: K=1000.
2. ALL RESISTORS ARE 1/2 WATT.
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN μ F. VALUES OF 1 AND ABOVE ARE IN pF UNLESS MARKED OTHERWISE.
4. DC VOLTAGE MEASUREMENTS ARE TAKEN WITH A HIGH IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND WITH FRESH BATTERIES IN THE RECEIVER. VOLTAGES CAN VARY $\pm 20\%$.

○ THIS SYMBOL INDICATES A MEASUREMENT TAKEN WITH THE SQUELCH CONTROL FULLY COUNTERCLOCKWISE.

□ THIS SYMBOL INDICATES A MEASUREMENT TAKEN WITH SQUELCH CONTROL AT THE THRESHOLD (SEE SQUELCH IN FIG. 1).

◇ THIS SYMBOL INDICATES A MEASUREMENT TAKEN UNDER THE FOLLOWING CONDITIONS:

WITH OSC SWITCH IN THE XTAL POSITION
A CRYSTAL IN THE CRYSTAL SOCKET,
AND NO SIGNAL INPUT.

5. SELECTOR SWITCH IS SHOWN IN VARIABLE

6. ▽ INDICATES CIRCUIT BOARD GROUND.

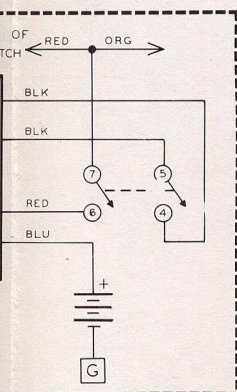
7. ≡ INDICATES CHASSIS GROUND.

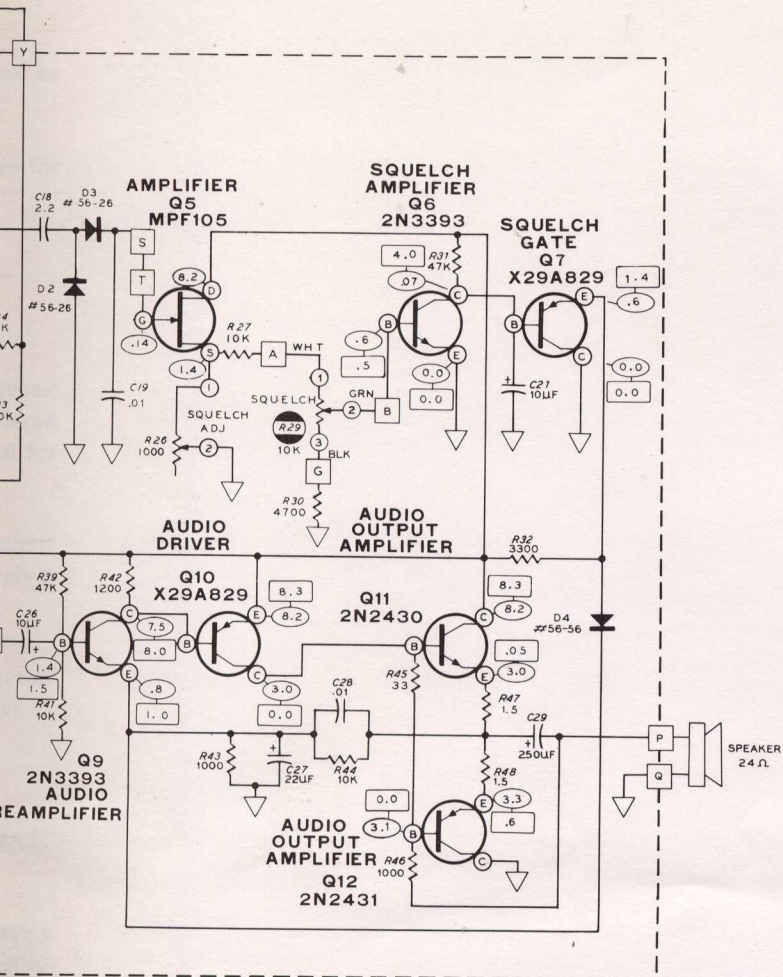
8. ○ INDICATES TUNER CONNECTION.

9. □ INDICATES CIRCUIT BOARD CONNECTION.

10. ◐ INDICATES PARTS MOUNTED ON THE CHASSIS.

11. RESISTORS AND CAPACITORS ARE IN THE PARTS LIST WITH THE FOLLOWING NOTATION:
1-99 CHASSIS AND CIRCUIT BOARD
100-199 CHASSIS AND CIRCUIT BOARD AMPLIFIER TUNER PARTS.





**SCHEMATIC OF THE
HEATHKIT®**

**VHF AIRCRAFT MONITOR RECEIVER
MODEL GR-98**

...N VARIABLE POSITION.

...GROUND.

...ND.

...ION.

...CONNECTION.

...ON THE CHASSIS.

...RE IN THE FOLLOWING GROUPS:
...S AND CIRCUIT BOARD PARTS.
...R PARTS.