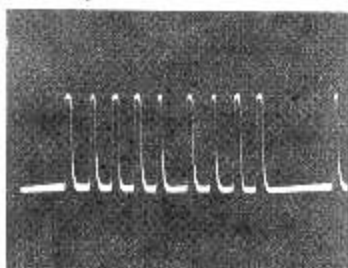
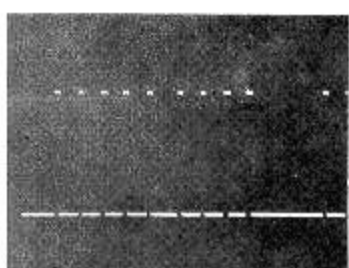


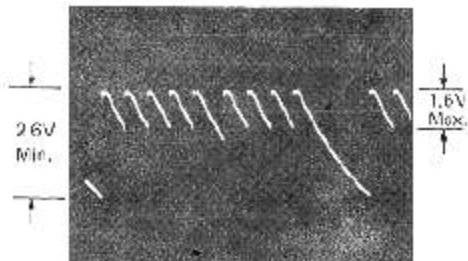
1 COLLECTOR Q5
.5 - 2.0V p-p



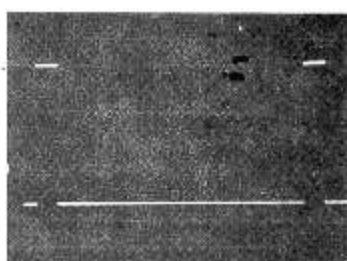
2 BASE OF Q101
.2V p-p



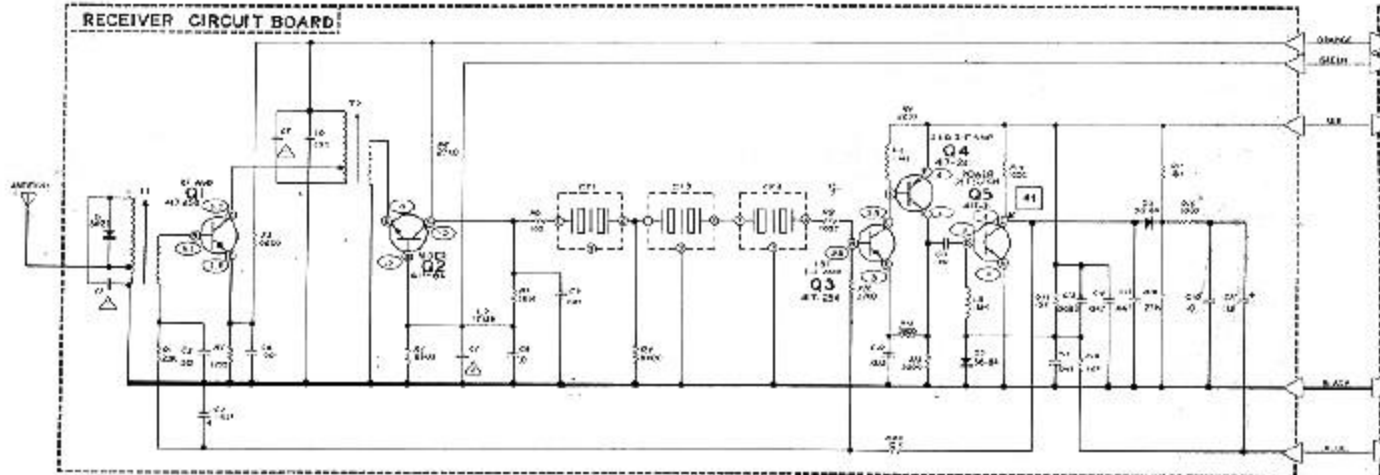
3 COLLECTOR Q102
5.0V p-p



4 PIN 2 IC1



5 IC OUTPUTS TO SERVO
PINS 9-16
5V p-p



**SCHEMATIC OF THE
HEATHKIT®
8-CHANNEL DIGITAL PROPORTIONAL
RECEIVER
MODEL GDA-405-2**

NOTES:

1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
 0-1W PARTS MOUNTED ON THE RECEIVER CIRCUIT BOARD.
 100-10W PARTS MOUNTED ON THE DETECTOR CIRCUIT BOARD.
2. ALL RESISTORS ARE IN OHM UNLESS NAMED OTHERWISE.
 RESISTOR VALUES ARE TO OHMS 10-1, 100.
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN P.F. ALL VALUES
 OF 1 OR GREATER ARE IN P.F. UNLESS OTHERWISE NOTED.
4. ○ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE
 MEASUREMENT WITH AN SIGNAL SOURCE FED INTO
5. □ THIS SYMBOL WITH A NUMBER IN IT
 CORRESPONDS TO A WAVEFORM ON PAGE 35.
6. △ THIS SYMBOL IS USED WITH A PART THAT CHANGES
 VALUE DEPENDING ON THE FREQUENCY BAND USED.
 △ 47 Ω FOR 20-25 MHz; 75 Ω FOR 45 MHz; 2K
 Ω FOR 75-100 MHz OPERATION.
 △ 110 pF FOR 20 MHz; 45 pF FOR 50 MHz; 25
 pF FOR 75-100 MHz OPERATION.
 △ 1K Ω FOR 20 MHz; 1.5K Ω FOR 50 MHz; 2K
 Ω FOR 75-100 MHz OPERATION.
7. ALL VOLTAGES ARE MEASURED WITH A HIGH IMPEDANCE
 VOLTMETER FROM THE POINT INDICATED TO COMMON GROUND.
 VOLTAGES MAY VARY SLIGHTLY.
8. REFER TO THE CIRCUIT BOARD MANUFACTURER FOR THE PHYSICAL
 LOCATION OF PARTS.

CRK 23
FREQUENC

TRANSMITTER	
25.000	
25.005	
25.010	
25.015	
25.020	
25.025	
25.030	
25.035	
25.040	
25.045	
25.050	
25.055	
25.060	
25.065	
25.070	
25.075	
25.080	
25.085	
25.090	
25.095	
25.100	

