SCHEMATIC OF THE
HEATHKIT®
LASER TRAINER
MODEL ET/ETW-4200

NOTES:
1. REFER TO THE "CIRCUIT BOARD X-RAY VIEW" (ILLUSTRATION BOOKLET PAGE 18) FOR THE PHYSICAL LOCATION OF PARTS.
2. ALL RESISTORS ARE 1/4-WATT, 5% TOLERANCE UNLESS OTHERWISE SPECIFIED (K=10000, M=1,000,000).
3. ALL CAPACITORS LESS THAN 1 ARE IN UF (MICROFARADS), THOSE OF 1 OR GREATER ARE IN PF (PICOFARADS), UNLESS OTHERWISE SPECIFIED.
4. MEASURED WITH A X10 HIGH-VOLTAGE PROBE TO KEEP CIRCUIT LOADING MINIMAL. NOT TO DO SO MAY DAMAGE THE CIRCUITRY.

5. THE FOLLOWING SYMBOLS ARE USED ON THIS SCHEMATIC DIAGRAM:
   ▼ G2: CIRCUIT BOARD GROUND
   ▼ G1: CHASSIS GROUND
   ◙ A CIRCUIT BOARD WIRE CONNECTION.
   ○ A DC VOLTAGE READING TAKEN WITH A HIGH INPUT IMPEDANCE VOMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY 20%. VOLTAGES WERE MEASURED WITH THE EXT TRIG BUTTON DEPRESSED, ZERO DC OFFSET VOLTAGE, WITH NO EXTERNAL TRIGGER VOLTAGE APPLIED.

SHAPED AREAS:
SAFETY-CRITICAL PARTS. USE EXACT REPLACEMENT PARTS FROM HEATH COMPANY ONLY.

SCHEMATIC DIAGRAM