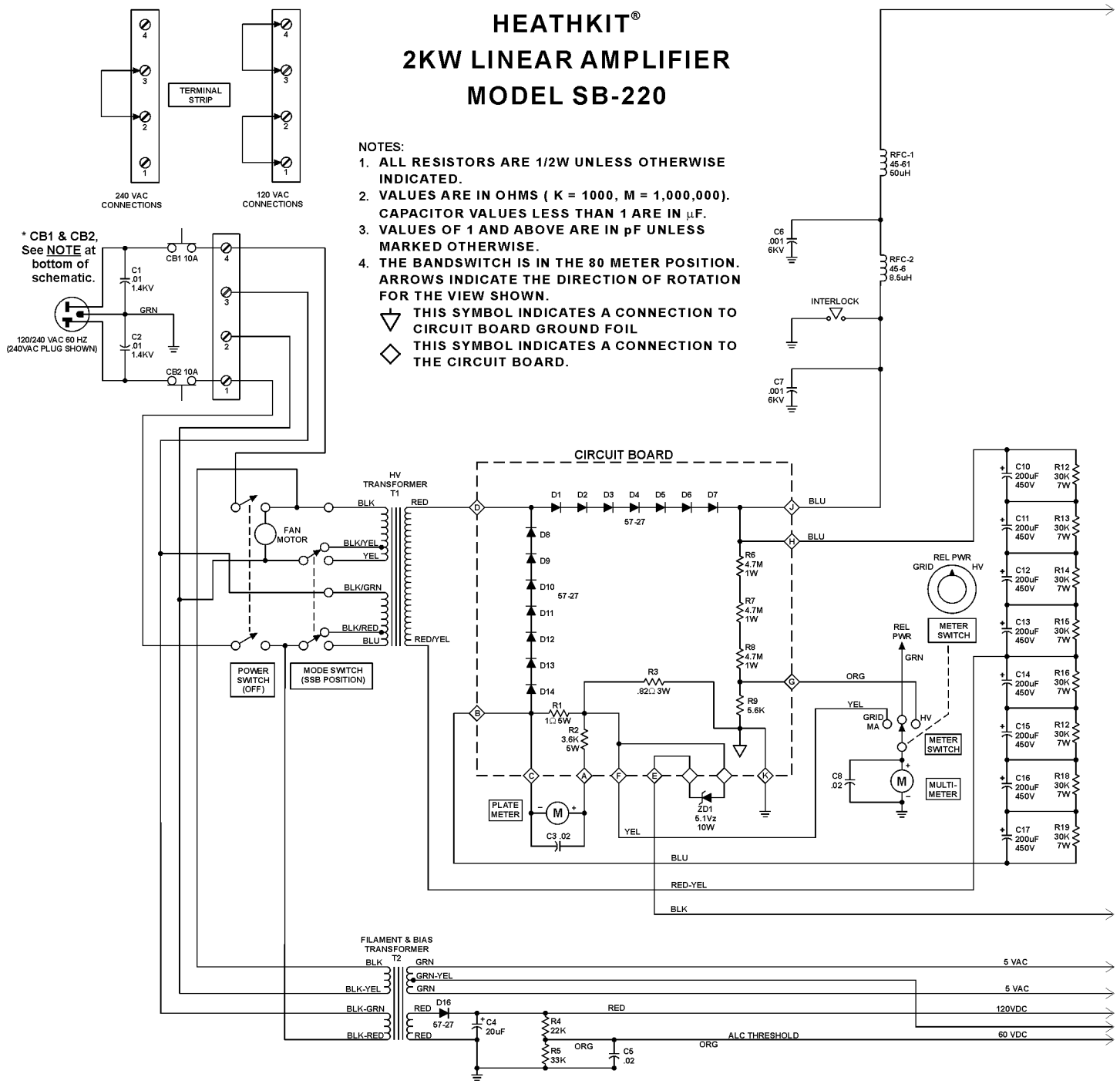


# (CORRECTED) SCHEMATIC OF THE HEATHKIT® 2KW LINEAR AMPLIFIER MODEL SB-220

- NOTES:
1. ALL RESISTORS ARE 1/2W UNLESS OTHERWISE INDICATED.
  2. VALUES ARE IN OHMS ( K = 1000, M = 1,000,000). CAPACITOR VALUES LESS THAN 1 ARE IN  $\mu$ F.
  3. VALUES OF 1 AND ABOVE ARE IN pF UNLESS MARKED OTHERWISE.
  4. THE BANDSWITCH IS IN THE 80 METER POSITION. ARROWS INDICATE THE DIRECTION OF ROTATION FOR THE VIEW SHOWN.  
 ▽ THIS SYMBOL INDICATES A CONNECTION TO CIRCUIT BOARD GROUND FOIL  
 ◇ THIS SYMBOL INDICATES A CONNECTION TO THE CIRCUIT BOARD.



### \* NOTE - CORRECTION TO ORIGINAL SB-220 SCHEMATIC

10A circuit breakers, CB1 and CB2, were mis-placed in the original Heathkit schematic. They were shown as installed AFTER the voltage selection block which, if 120VAC wiring was selected, allowed the AC to continue to appear on the transformer winding even though the circuit breaker had opened. The circuit breakers MUST be installed BEFORE the voltage selection block, so they are able to break either of the AC input leads, regardless of whether 120VAC or 240VAC wiring is selected. The actual WIRING instructions in the SB-220 manual (see SB-220 manual pictorial 4-13, and inset, on foldout between pages 49 & 50) instruct you to wire the circuit breakers appropriately. Only the schematic was in error.

# SCHEMATIC OF THE HEATHKIT® 2KW LINEAR AMPLIFIER MODEL SB-220 (PAGE 2 OF 2)

