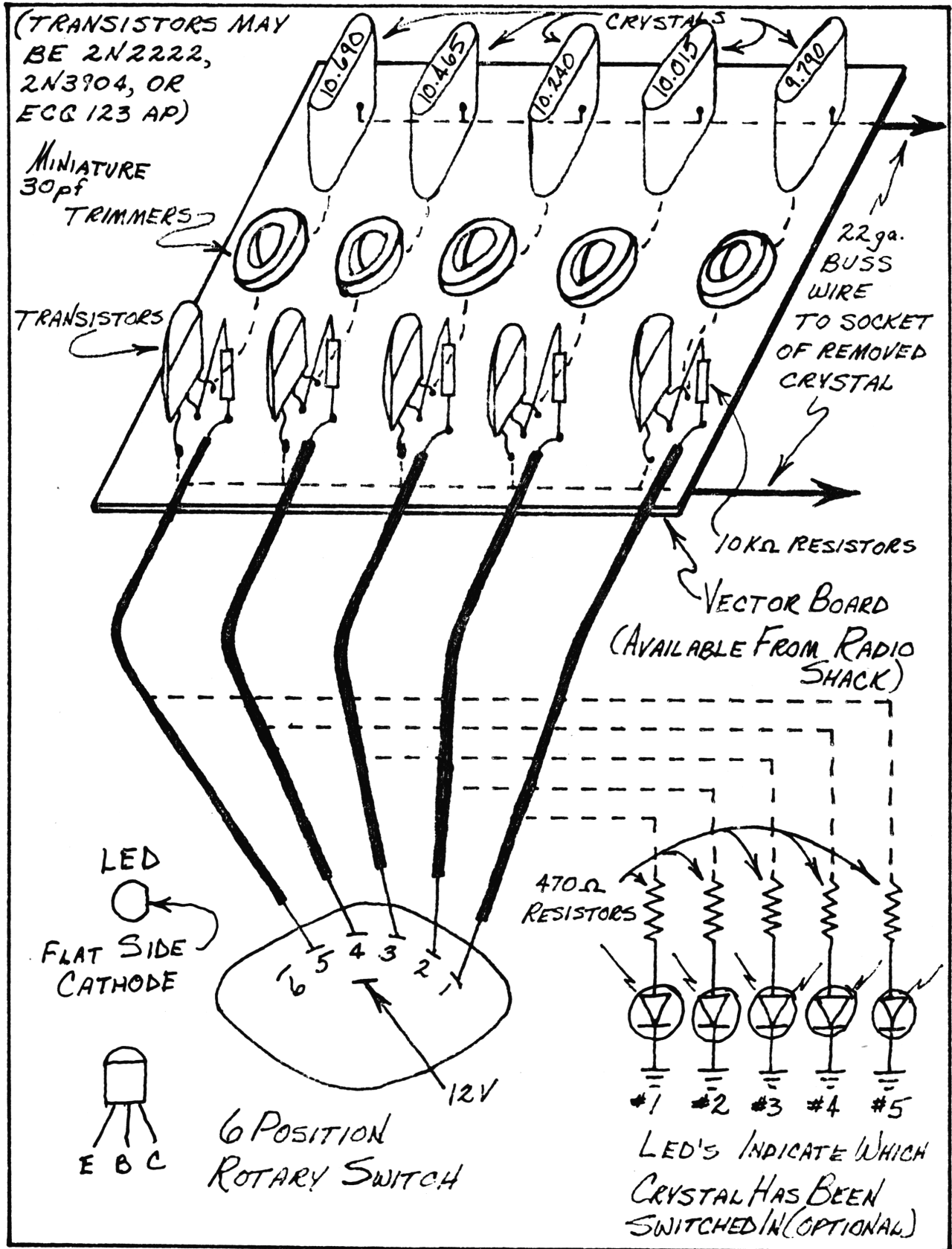


# BROWNING MKIV TRANSMITTER FØ CONVERSION



## BROWNING MKIV TRANSMITTER FØ CONVERSION CONT.:

A kit may be made as shown to switch the 10.240 MHz xtal & others in and out of the circuit. The reason for not putting the xtals on a switch is lead length causing all types of problems. Make up a kit as shown, using a piece of vector board.

### PARTS NEEDED:

- 5 1N2222 or GCG132AP or 2N3904 transistors (npn)
- 5 10K ohm  $\frac{1}{4}$ W resistors
- 5 30pf miniature trimmers
- 4 Xtals (must be 30pf, 1st overtone miniature case with wires:
  - 26.075 - 26.505 use 9.790
  - 26.515 - 26.955 use 10.015
  - 26.965 - 27.405 use 10.240 (removed from xtal socket)
  - 27.415 - 27.855 use 10.465
  - 27.865 - 28.305 use 10.690

CAUTION: This must be as small as possible; very compact and mounted as close as possible to the original xtal position on the P/C board. You must use solid wire only for the leads to the xtal socket. Stranded wire is OK leading to the switch.

The trimmer on the P/C board where the stock crystal (10.240) was removed must be jumped (C705), because you will use the new trimmers you install on the vector board for alignment.