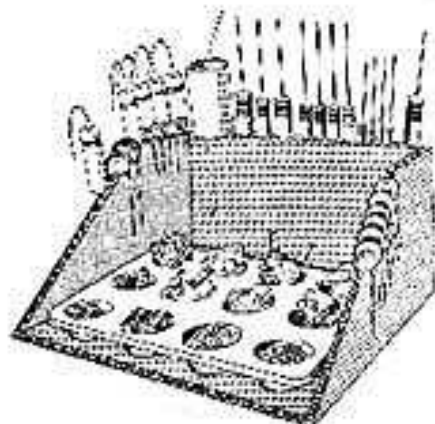


Most kit builders find it helpful to separate the various parts into convenient categories. Muffin tins or molded egg cartons make convenient trays for small parts. Resistors and capacitors may be placed with their lead ends inserted in the edge of a piece of corrugated cardboard until they are needed. Values can be written on the cardboard next to each component. The illustration shows one method that may be used.



Refer to Parts Pictorial on fold-out from page 11.

### PARTS LIST

| PART No.         | PARTS Per Kit | DESCRIPTION                                       | PART No.                  | PARTS Per Kit | DESCRIPTION                                                |
|------------------|---------------|---------------------------------------------------|---------------------------|---------------|------------------------------------------------------------|
| <u>Resistors</u> |               |                                                   | <u>Capacitors</u>         |               |                                                            |
| 1-9              | 1             | 1000 $\Omega$ 1/2 watt<br>(brown-black-red)       | 20-52                     | 1             | 7.5 $\mu$ f silver mica                                    |
| 1-14             | 2             | 3300 $\Omega$ 1/2 watt<br>(orange-orange-red)     | 20-97                     | 2             | 50 $\mu$ f silver mica                                     |
| 1-23             | 1             | 27 K $\Omega$ 1/2 watt<br>(red-violet-orange)     | 20-99                     | 1             | 22 $\mu$ f silver mica                                     |
| 1-26             | 3             | 100 K $\Omega$ 1/2 watt<br>(brown-black-yellow)   | 21-14                     | 24            | .001 $\mu$ f disc ceramic                                  |
| 1-27             | 2             | 150 K $\Omega$ 1/2 watt<br>(brown-green-yellow)   | 21-16                     | 1             | .01 $\mu$ f disc ceramic                                   |
| 1-29             | 1             | 220 K $\Omega$ 1/2 watt<br>(red-red-yellow)       | 21-28                     | 5             | 10 $\mu$ f tubular ceramic                                 |
| 1-30             | 2             | 270 K $\Omega$ 1/2 watt<br>(red-violet-yellow)    | 21-29                     | 1             | 4.7 $\mu$ f tubular ceramic                                |
| 1-33             | 2             | 470 K $\Omega$ 1/2 watt<br>(yellow-violet-yellow) | 21-59                     | 1             | .001 $\mu$ f ceramic<br>feed-through, 1000 V               |
| 1-40             | 2             | 10 megohm 1/2 watt<br>(brown-black-blue)          | 21-70                     | 1             | .01 $\mu$ f 1400 volt<br>disc ceramic                      |
| 1-42             | 1             | 270 $\Omega$ 1/2 watt<br>(red-violet-brown)       | 25-57                     | 2             | 100 $\mu$ f 200 volt electrolytic                          |
| 1-60             | 2             | 68 K $\Omega$ 1/2 watt<br>(blue-gray-orange)      | 25-86                     | 1             | 40-40-25-25 $\mu$ f at 450-350-<br>25-25 volt electrolytic |
| 1-66             | 1             | 150 $\Omega$ 1/2 watt<br>(brown-green-brown)      | 28-71                     | 1             | 3 $\mu$ f variable tuning<br>capacitor                     |
| 1A-4             | 1             | 8200 $\Omega$ 1 watt<br>(gray-red-red)            | 31-7                      | 1             | 2.5 to 6 $\mu$ f trimmer                                   |
| 1A-5             | 1             | 22 K $\Omega$ 1 watt<br>(red-red-orange)          | <u>Transformers-Coils</u> |               |                                                            |
| 1A-9             | 1             | 10 K $\Omega$ 1 watt<br>(brown-black-orange)      | 51-94                     | 1             | Combination modulation and<br>output transformer           |
| 1B-12            | 1             | 470 $\Omega$ 2 watt<br>(yellow-violet-brown)      | 54-87                     | 1             | Power transformer                                          |
| 3E-19            | 1             | 330 $\Omega$ 5 watt                               | 141-9                     | 1             | Coil set                                                   |
|                  |               |                                                   | Consisting of:            |               |                                                            |
|                  |               |                                                   | 40-186                    | 1             | Oscillator plate coil                                      |
|                  |               |                                                   | 40-332                    | 1             | Tripler coil                                               |
|                  |               |                                                   | 40-333                    | 2             | Detector and doubler coil                                  |
|                  |               |                                                   | 40-334                    | 1             | Antenna coil                                               |
|                  |               |                                                   | 40-335                    | 1             | Final tank coil                                            |
|                  |               |                                                   | 45-37                     | 5             | RF choke                                                   |
|                  |               |                                                   | 45-48                     | 1             | RF choke                                                   |