

Section 6  
PARTS LIST

| ITEM  | CIRCUIT FUNCTION       | DESCRIPTION                                                                              | COLLINS<br>PART NUMBER     |
|-------|------------------------|------------------------------------------------------------------------------------------|----------------------------|
| S-116 | LIMITER IN-OUT         | SWITCH: rotary, 2 circuit, 2 position                                                    | 259-0380-00                |
| S-117 | METER INPUT-<br>OUTPUT | SWITCH: toggle, DPDT, 30 ampere continuous                                               | 266-3062-00                |
| S-118 | CALIBRATE ON-OFF       | SWITCH: rotary, 2 circuit, 2 position                                                    | 259-0380-00                |
| T-101 | Crystal filter input   | TRANSFORMER: IF, frequency range 490 to 510 kc                                           | 278-0093-00                |
| T-102 | Crystal filter output  | FILTER: bandpass, frequency range 490 to 510 kc                                          | 278-0092-00                |
| T-103 |                        | Not used                                                                                 |                            |
| T-104 | Second i-f             | TRANSFORMER: IF, frequency 490 to 510 kc                                                 | 278-0090-00                |
| T-105 | Third i-f              | TRANSFORMER: IF, frequency 490 to 510 kc                                                 | 278-0090-00                |
| T-106 | BFO coil               | OSCILLATOR SUBASSEMBLY: frequency range 480 to 520 kc                                    | 278-0091-00                |
| T-107 | Audio output           | TRANSFORMER: AF, line type, pri 5000 ohm, secd 600 ohm tapped at 4 ohms, 1500 TV, 3w max | 677-0430-00                |
| T-108 | Power input            | TRANSFORMER: power pri 115 v, secd #1, 700 v, secd #2, 5.0 v, secd #3, 6.3 v, 45/70 cps  | 672-0575-00                |
| V-001 | Oscillator             | TUBE: type 6BA6, pentode<br>JAN<br>COMMERCIAL                                            | 254-0787-00<br>255-0185-00 |
| V-002 | Buffer                 | TUBE: type 6BA6, pentode<br>JAN<br>COMMERCIAL                                            | 254-0787-00<br>255-0185-00 |
| V-101 | RF amplr               | TUBE: type 6AK5, pentode<br>JAN<br>COMMERCIAL                                            | 254-0121-00<br>257-0040-00 |
| V-102 | First Mixer            | TUBE: type 6BE6, pentagrid<br>JAN<br>COMMERCIAL                                          | 254-0799-00<br>257-0048-00 |
| V-103 | Band 1 mixer           | TUBE: type 6BE6, pentagrid<br>JAN<br>COMMERCIAL                                          | 254-0799-00<br>257-0048-00 |
| V-104 | Cal. osc.              | TUBE: type 6BA6, pentode<br>JAN<br>COMMERCIAL                                            | 254-0787-00<br>255-0185-00 |
| V-105 | Inj. osc.              | TUBE: type 6AK5, pentode<br>JAN<br>COMMERCIAL                                            | 254-0121-00<br>257-0040-00 |
| V-106 | Second mixer           | TUBE: type 6BE6, pentagrid<br>JAN<br>COMMERCIAL                                          | 254-0799-00<br>257-0048-00 |
| V-301 | First i-f amplr.       | TUBE: type 6BA6, pentode<br>JAN<br>COMMERCIAL                                            | 254-0787-00<br>255-0185-00 |
| V-302 | Second i-f amplr.      | TUBE: type 6BA6, pentode<br>JAN<br>COMMERCIAL                                            | 254-0787-00<br>255-0185-00 |
| V-108 | Third i-f amplr.       | TUBE: type 6BA6, pentode<br>JAN<br>COMMERCIAL                                            | 254-0787-00<br>255-0185-00 |