

# PARTS LIST AND DESCRIPTIONS TUBES

# CHASSIS—TOP VIEW

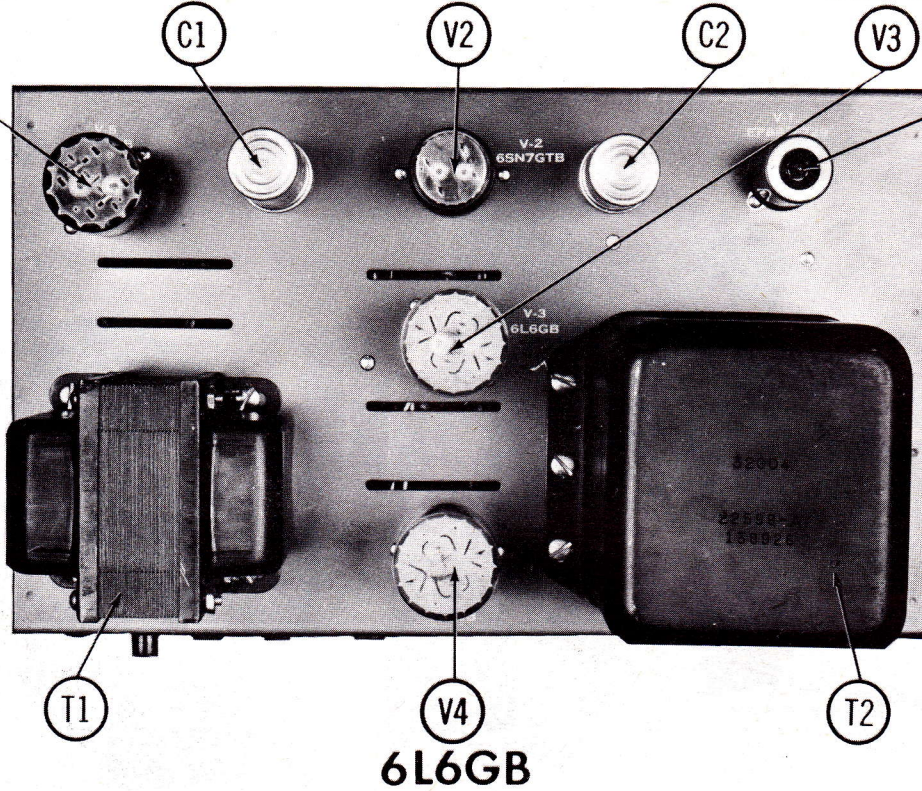
| ITEM No. | USE     | TYPE      | GENERAL ELECTRIC |     | RAYTHEON |      | SYLVANIA |          |
|----------|---------|-----------|------------------|-----|----------|------|----------|----------|
|          |         |           | ITEM No.         | USE | ITEM No. | TYPE | ITEM No. | TYPE     |
| V1       | AF Amp. | EF86/6287 |                  |     |          |      |          | 6L6GB    |
| V2       | AF Amp. | 6SN7GTB   |                  |     |          |      |          | 5U4GB    |
| V3       | Output  | 6L6GB     |                  |     |          |      |          | (GZ34) * |

\* Used in Model HF-35.

5U4GB

6SN7GTB

6L6GB EF86



## ELECTROLYTIC CAPACITORS

| ITEM No. | RATING | REPLACEMENT DATA |                  |                            |                  |                  |                  | NOTES |
|----------|--------|------------------|------------------|----------------------------|------------------|------------------|------------------|-------|
|          |        | EICO PART No.    | AEROVOX PART No. | CORNEILL DUBILIER PART No. | MALLORY PART No. | PYRAMID PART No. | SPRAGUE PART No. |       |
| C1A      | 20 450 | 24001①           | AFH2-51          | B0400                      | FP234            | TMD-50           | TVL-2755         |       |
| C1B      | 20 450 | 24001①           | AFH2-51          | B0400                      | FP234            | TMD-50           | TVL-2755         |       |
| C2A      | 20 450 | 23007            | SRE25V50         | BBR50-25                   | TC39             | TD-50-25         | TE-1209          |       |
| C2B      | 50 25  | 23011            | PRS1850          | BR505                      | TC39             | TD-50-50         | TVA-1308         |       |

① Model HF-35 uses Part #24007.

## FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

| ITEM No. | RATING      | REMARKS | REPLACEMENT DATA |                    |                            |                  |                  |                  |
|----------|-------------|---------|------------------|--------------------|----------------------------|------------------|------------------|------------------|
|          |             |         | AEROVOX PART No. | CENTRALAB PART No. | CORNEILL DUBILIER PART No. | ELMenco PART No. | MALLORY PART No. | SPRAGUE PART No. |
| C5       | 05 400V     |         | R498N-05         | DD-503             | CUB455                     | 4DP-3-503        | GEM-415          | 4TM-55           |
| C6       | 47 10% 400V | Note 1  | DI-47            | DD-470             | LI044                      | CCD-470          | GF447            | 10TS-Q47         |
| C7       | 25 400V 10% |         | V84C4P25-10%     |                    | FM4P25                     | 4DP-3-254        | GEM-425          | 4TM-F25          |
| C8       | 1 400V 10%  |         | V84C4P1-10%      |                    | FM4P1                      | 4DP-3-104        | GEM-4025         | 4TM-F1           |
| C9       | 750 10%     | Note 2  | DI-750           | DD-751             | FM4P1                      | 4DP-3-104        | GF375            | 10TS-F75         |
| C10      | 850 10%     | Note 2  | DI-850           | DD-821             | IR5T185                    | CCD-821          | GF382            | 10TS-F82         |
| C11      | 850 10%     | Note 3  | DI-850           | DD-501             | 5R5T5                      | CCD-501          | GF350            | 10TS-F50         |
| C12      | 500 10%     |         | F668N-03         | DD-303             | CUB655                     | 6DP-3-303        | GEM-613          | 6TM-S3           |

Note 1. Model HF-35 uses 100mmf in this application.

Note 2. Model HF-35 uses 150mmf in this application.

Note 3. Model HF-35 uses 175mmf in this application.

## CONTROLS

| ITEM No. | RATING | REPLACEMENT DATA |                    |                    |                  | INSTALLATION NOTES |             |
|----------|--------|------------------|--------------------|--------------------|------------------|--------------------|-------------|
|          |        | EICO PART No.    | CENTRALAB PART No. | CLAROSTAT PART No. | CTS-IRC PART No. |                    |             |
| R1A      | 1meg   | 16016            | AB-70              | AK-1               | A47-1meg-Z       | U53                | Audio Level |
| R1B      | Shaft  |                  |                    |                    | FKS-1/4          | SK2                |             |

## RESISTORS

All wattages 1/2 watt, or less, unless otherwise listed.

| ITEM No. | RATING  | REMARKS | REPLACEMENT DATA |                    |                  | INSTALLATION NOTES |        |
|----------|---------|---------|------------------|--------------------|------------------|--------------------|--------|
|          |         |         | EICO PART No.    | CENTRALAB PART No. | CTS-IRC PART No. |                    |        |
| R2       | 10K     |         | R9               | 1meg               |                  |                    |        |
| R3       | 100K 5% |         | R10              | 27K 5% 1W          |                  |                    |        |
| R4       | 15K     |         | R11              | 33K 5% 1W          |                  |                    |        |
| R5       | 470K 5% |         | R12              | 10K 1W             |                  |                    |        |
| R6       | 113K 5% |         | R13              | 18K 5% 1W          |                  |                    |        |
| R7       | 100Ω 5% |         | R14              | 100Ω               |                  |                    |        |
| R8       | 220K    | Note 1  | R15              | 120K               |                  |                    |        |
|          |         |         | R16              | 100Ω               |                  |                    |        |
|          |         |         | R17              | 120K               |                  |                    |        |
|          |         |         | R18              | 350Ω 10W           |                  |                    | Note 4 |
|          |         |         | R19              | 1800Ω 5%           |                  |                    | Note 3 |
|          |         |         | R20              | 1800Ω 5%           |                  |                    | Note 3 |
|          |         |         | R21              | 10K 1W             |                  |                    | Note 2 |

Note 1. Model HF-35 uses 270K in this application.

Note 2. Model HF-35 uses 15K in this application.

Note 3. Model HF-35 uses 3000Ω in this application.

Note 4. Model HF-35 uses 235Ω in this application.

\* Alternate Value.