

DATE 4/10/65  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

# TMC SPECIFICATION NO. S 941



COMPILED

CHECKED

TITLE: Special Modifications to BSP2A

  
APPROVED 4/10/65

1. This instruction applies only to BSP-2A's furnished to PHILCO Corp.(GT-4)
2. Materials:

| <u>ITEM</u> | <u>QTY</u> | <u>PART NO.</u> | <u>DESCRIPTION</u>    |
|-------------|------------|-----------------|-----------------------|
| 1           | 4          | 2N301           | RCA Transistor        |
| 2           | 2          | B1081           | Power transformer     |
| 3           | 2          | PX925           | Cover, circuit board  |
| 4           | 2          | PX926           | Cover, terminal strip |
| 5           | 2          | NP764           | Nameplate, fuse       |
| 6           | 2          | FU100-.250      | 1/4 amp. fuse         |
| 7           | 8          | SCBP0832BN16    | Screw                 |
| 8           | 8          | TE117-40        | Spacer                |
| 9           | 4          | SCBP0440BN8     | Screw                 |

### 3. Procedure:

- 3.1 Remove AZ104 amplifiers from speaker/panel assembly. Remove metal dust covers and discard.
- 3.2 If RCA 2N301 transistors are not mounted on each AZ104 chassis, replace with transistors from Item 1. Apply silicone grease to the mica insulator under each transistor before replacing it.
- 3.3 Remove the four screws which hold each printed circuit board in place and discard the screws. Retain washers for future use. Swing circuit boards clear for next step.
- 3.4 If power transformers carry number 1081 (and are brown in color), remove and replace with B1081 transformers, Item 2.
- 3.5 Place circuit boards back in position and mount protective covers PX925 (Item 3) over the boards with spacers TE117-40 (Item 8) between the circuit boards and covers. Secure in place with screws SCBP0832BN16 (Item 7) and washers salvaged from step 3.3.
- 3.6 Remove fuseholders from front panel and remount with fuse nameplates NP764 (Item 5) so that the latter cover previous front panel markings of fuse size. Replace 3/8 amp. fuses with 1/4 amp. fuses (Item 6).
- 3.7 Remount amplifiers on the speaker/panel assembly.
- 3.8 After connections have been made to the terminal strips, cover the AC power connections by placing cover PX926 (Item 4) over terminals 1 to 5 and fastening in place using screws SCBP0440BN8 (Item 9) and threaded spacers which formerly held the metal dust cover.

