

PRODUCTION CHANGE SHEET
FOR
TRANSMITTER MODEL 4ET35A10,11

Changes listed below are identified by the letter appearing in the REV. pad on the unit chassis.

REV. A

To improve neutralization of final amplifier and allow better tuning of the final multiplier grid tank at high frequencies.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
Z135-C1	Capacitor, ceramic, stabilized Hi-K disc, 1,000 mmfd $\pm 10\%$ 500 VDCW. Sim to Radio Material JL. G-E Part No. 3R81-P102K.	Capacitor, fixed, silver mica, phenolic insulation. Tinned copper or brass leads. 220 mmfd $\pm 5\%$ 500 VDCW. Sim to Electromotive DM15. G-E Part No. 7489162-P35.
C163	Capacitor.	Deleted.

Elementary Diagram Changes

Remove C163 from diagram. Change value of Z135-C1 from 1,000 mmfd to 220 mmfd.

REV. B

To increase reliability under continuous duty service.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
Z123 and Z124	Suppressor, includes one composition resistor, 100 ohms, $\pm 10\%$, 1/2 w. (Part of Power Amplifier Assembly G-E Part No. PL-7775575-G7) G-E Part No. 7145305-G1	Replaced by Z136 and Z137.
Z136 and Z137	Replaces Z123 and Z124.	Suppressor, includes one composition resistor 100 ohms, $\pm 10\%$, 1 w. G-E Part No. 7145305-G2.

Elementary Diagram Changes

Change Z123 and Z124 to Z136 and Z137 and add wattage under resistors.

REV. C

To improve low frequency response.

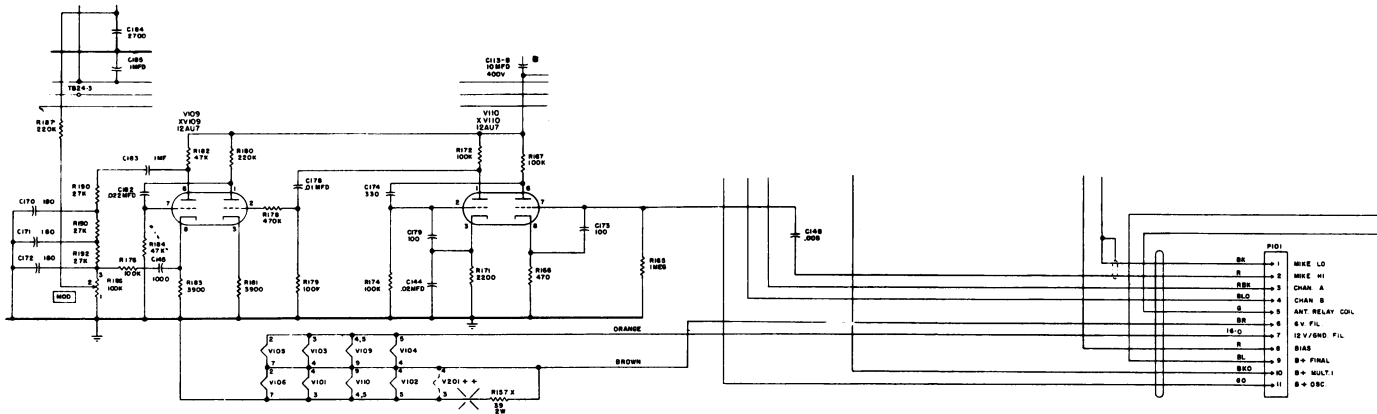
<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
C145	Capacitor; ceramic disc, 1,000 mmfd $\pm 10\%$, 500 VDCW. G-E Part No. 3R81-P102K.	Capacitor; fixed ceramic disc, 2,000 pf $\pm 10\%$, 500 VDCW. G-E Part No. 5494581-P14.
C148	Capacitor; ceramic disc, 0.005 μ f $\pm 10\%$, 500 VDCW. G-E Part No. 7774750.	Capacitor; fixed ceramic disc, 2,000 pf $\pm 10\%$, 500 VDCW. G-E Part No. 5494481-P14.
C174	Capacitor; mica, 330 μ f $\pm 10\%$, 500 VDCW. G-E Part No. 3R141-P50.	Capacitor; fixed ceramic disc, 4,000 pf $\pm 10\%$, 500 VDCW. G-E Part No. 5494481-P18.
C178	Capacitor; paper, 0.022 μ f $\pm 20\%$, 400 VDCW. G-E Part No. 7488996-P1.	Capacitor; fixed ceramic disc, 0.1 μ f $+80\%$ -25% , 500 VDCW. G-E Part No. 7488160-P3.
C184	Capacitor; ceramic disc, 2,700 μ f $\pm 10\%$, 500 VDCW. G-E Part No. 3R81-P272K.	Capacitor, silver mica, 270 pf $\pm 10\%$, 500 VDCW. G-E Part No. 7489162-P137.
C193	Added.	Capacitor; Mylar® dielec- tric, 0.033 μ f $\pm 5\%$, 200 VDCW. G-E Part No. 19A115028-P210.
R165	Resistor; composition; 1.0 megohm $\pm 10\%$, 1/2 w. G-E Part No. 3R77-P105K.	Resistor, composition, 0.51 megohm $\pm 5\%$, 1/2 w. G-E Part No. 3R77-P514J
R166	Resistor; composition, 470 ohms $\pm 10\%$, 1/2 w. G-E Part No. 3R77-P471K.	Resistor; composition, 3,300 ohms, $\pm 10\%$, 1/2 w. G-E Part No. 3R77-P332K.
R176	Resistor; composition, 0.10 megohm $\pm 10\%$, 1/2 w. G-E Part No. 3R77-P104K.	Resistor; composition, 0.51 megohm $\pm 10\%$, 1/2 w. G-E Part No. 3R77-P513J.

Outline Diagram Changes

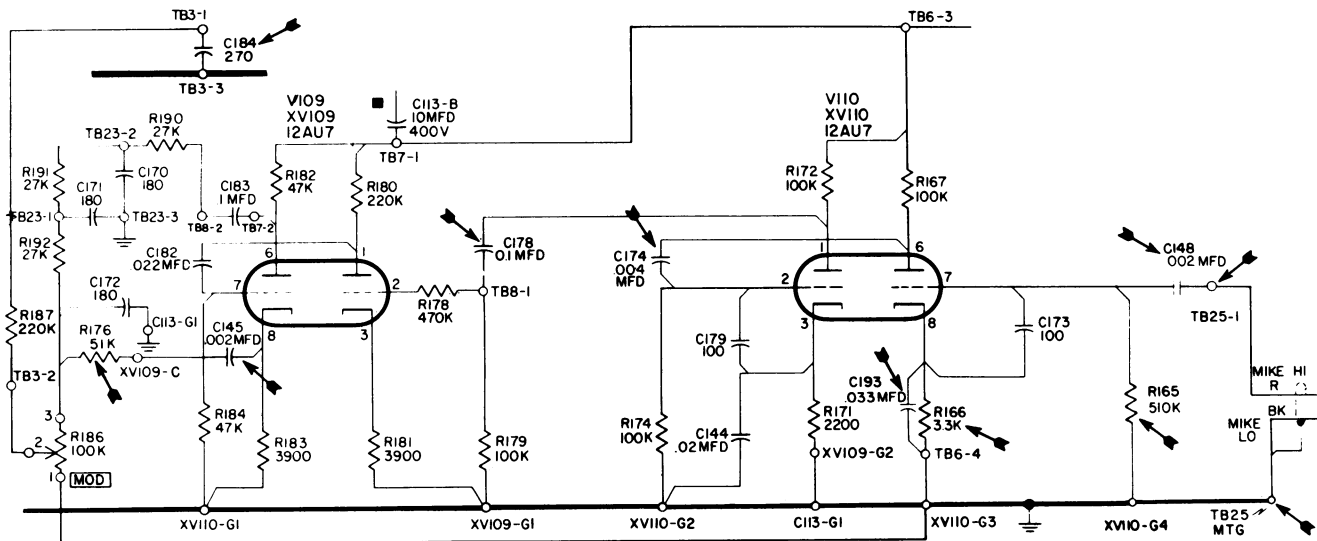
Added TB25 (mounts beneath Z110 or Z111).

Elementary Diagram Changes

Was



Changed To



COMMUNICATION PRODUCTS DEPARTMENT
GENERAL ELECTRIC COMPANY
LYNCHBURG, VIRGINIA

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