



I.F. 456 K.C.

GROUPS OF CIRCUIT ELEMENTS ENCLOSED IN DOTTED RECTANGLES COMPRISE DISTINCT MECHANICAL ASSEMBLIES.

THE CAPACITY OF SHIELD "D" AND "E" IS 50 MMF EACH.

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|-----|----------------|-----|---------------------|-----|--------------------|
| C1 | 250 mmf. | C12 | .25 mf. 240 V. | C22 | 1400 mmf. |
| C2 | 2-25 mmf. | C13 | .05 mf. 180 V. | C23 | 2-25 mmf. |
| C3 | 2-25 mmf. | C14 | 70-150 mmf. } ONE | C24 | 2-25 mmf. |
| C4 | 2-25 mmf. | C15 | 70-150 mmf. } UNIT | C25 | 300-600 mmf. } ONE |
| C5 | .05 mf. 180 V. | C16 | 70-150 mmf. } ONE | C26 | 40-100 mmf. } UNIT |
| C6 | .25 mf. 180 V. | C17 | 150-250 mmf. } UNIT | C27 | 10 mf. 360 V. |
| C7 | .05 mf. 240 V. | C18 | 50 mmf. | C28 | 35 mmf. |
| C8 | .10 mf. 360 V. | C19 | .25 mf. 360 V. | C29 | 15 mf. 300 V. |
| C9 | 2-25 mmf. | C20 | .25 mf. 360 V. | C30 | 14 mf. 400 V. |
| C10 | 2-25 mmf. | C21 | 2-25 mmf. | C31 | .05 mf. 600 V. |
| C11 | 2-25 mmf. | | | | |

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|-----|----------------------|-----|-------------------|
| C32 | .002 mf. 600 V. | R 6 | 16000 ohm 2.0 W. |
| C33 | .03 mf. 180 V. | R 7 | 2.0 Megohm 2 W. |
| C34 | .01 mf. 480 V. | R 8 | 30000 ohm .5 W. |
| C35 | .04 mf. 600 V. | R 9 | 50000 ohm .2 W. |
| R 1 | 150 ohm .2 W. | R11 | 20000 ohm .2 W. |
| R 2 | 2500 ohm } Dual Vol. | R12 | 60000 ohm .5 W. |
| R10 | 50000 ohm } Control | R13 | 25000 ohm 1.0 W. |
| R 3 | 30000 ohm .5 W. | R14 | 80000 ohm 2 W. |
| R 4 | 6000 ohm .5 W. | R15 | 150000 Tone Cont. |
| R 5 | 2500 ohm .2 W. | R16 | 235 ohm 2.0 W. |

ARROWS INDICATE CONNECTIONS PRESENT IN BAND SWITCH WHEN IN POSITION SHOWN.

	POSITION 1 STANDARD WAVE (A)	POSITION 2 SHORT WAVE (C)	POSITION 3 SHORT WAVE (D)
ANT. & OSC. SECTION	5 6 7 8 9 11 12 12	5 6 7 8 9 11 12	5 6 7 8 9 11 12
I.F. SECTION	4 5 6 7 8 9 11 12	4 5 6 7 8 9 11 12	4 5 6 7 8 9 11 12

CONTACT LOCATIONS 3, 4 AND 10 IN ANT. AND OSC. SECTIONS AND 3 AND 10 IN I.F. SECTION ARE BLANK.

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| T 1 | Antenna R.F. Trans. | T 5 | Osc. Inductors |
| T 2 | Interstage R.F. Trans. | T 6 | Power Trans. |
| T 3 | 1st. I.F. Trans. | T 7 | Output Trans. |
| T 4 | 2nd I.F. Trans. | L 1 | Speaker Field |
| L 2 | Osc. Tracking Coil | | |