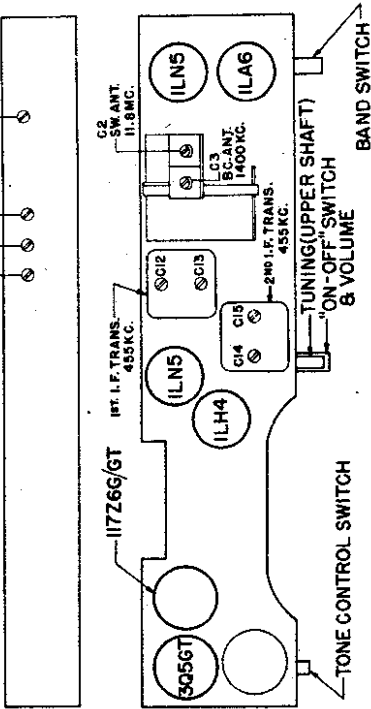


PARTS LIST

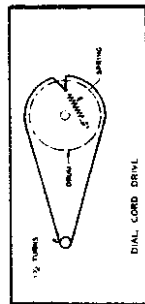
- DIAL ASSEMBLY**  
 TUNING CONTROL SHAFT BRACKET (1)  
 DIAL SCALE (1)  
 TUNING B. VOLUME CONTROL KNOB (RED) (48-518)  
 SWITCH CONTROL KNOB (RED) (48-573)  
 DIAL POINTER (58-146)  
 ON-OFF INDICATOR (58-167)  
 TUNING CONTROL SHAFT (76-304)  
 DIAL CORD TENSION SPRING (80-209)  
 INDICATOR SPRING (80-421)  
 RETAINING RING (76-304) (188-32)  
 DIAL CRYSTAL (192-112)  
 S-9534  
 INDICATOR LEVER & BUSHING ASSEMBLY (S-963)  
 PULLEY & BRACKET ASSEMBLY (MS-684)
- COILS AND CHOKES**  
 1ST I. F. TRANSFORMER (T1) (95-804)  
 2ND I. F. TRANSFORMER (T2) (95-805)  
 WAVE TRAP COIL ASSEMBLY (L5) (S-936)  
 ANTENNA LOADING COIL ASSEMBLY (L3) (S-11591)  
 OSCILLATOR COIL ASSEMBLY (L6) (S-11798)  
 PEAKING COIL ASSEMBLY (L1) (S-11800)  
 ANTENNA COIL ASSEMBLY (L2) (S-11801)
- CONDENSERS**  
 22-147 500 MFD. (C26) 600 V.  
 22-152 .01 MFD. (C16) 500 V.  
 22-156 .01 MFD. (C18) 600 V.  
 22-478 .006 MFD. (C20) 600 V.  
 22-479 .0015 MFD. (C21) 900 V.  
 22-856 .01 MFD. (C27) 200 V.  
 22-857 .1 MFD. (C31) 200 V.  
 22-858 .05 MFD. (C32) 200 V.  
 22-859 .02 MFD. (C33) 200 V.  
 22-1024 .01 MFD. (C34) 200 V.  
 22-1120 .015 MFD. (C28) 400 V.  
 22-1388 SINGLE SECTION TRIMMER (WAVE-TRAP) (R5) (C7)  
 22-1427 TWO GANG VARIABLE (C1)  
 22-1428 TWO SECTION TRIMMER (ANT.) (C2 & C3)  
 22-1429 THREE SECTION TRIMMER (OSC.) (C8, C9 & C10)  
 22-1431 .001 MFD. (C19) 500 V.  
 22-1443 DRY ELECTROLYTIC 200 MFD. 10 V. (C21, C22, C23 & C24)  
 22-1444 .001 MFD. 200V. (C17)
- RESISTORS**  
 63-271 1500 OHM (R9) 1/4 WATT  
 63-276 330 OHM (R10) 1/4 WATT  
 63-580 1500 OHM (R21) 1/4 WATT  
 63-582 3300 OHM (R18) 1/4 WATT  
 63-800 4.7 MEG OHM (R1) 1/4 WATT  
 63-708 680 OHM (INSULATED) (R17)  
 63-713 47000 OHM (INSULATED) (R5)  
 63-715 100000 OHM (INSULATED) (R3)  
 63-773 18000 OHM (INSULATED) (R9)  
 63-1087 870 OHM (INSULATED)  
 63-1362 2 (R11) ON WADONH (R13 & R14)  
 63-1362 3 (R12) ON WADONH (R13 & R14)  
 63-1366 140 OHM ZIPOHM (R12) 1/2 WATT  
 63-1537 VOLUME CONTROL & SWITCH (R7)
- MISCELLANEOUS**  
 LINE CORD & PLUG (OR 11-90) (12-1784)  
 TELESCOPE C ANTENNA SUPPORT (15-51)  
 PLUG CAP (19-125)  
 ANTENNA MOUNTING CLIP (19-148)  
 CABINET HOOKING & INSERT (36-37)  
 51 P. M. SPEAKER (49-512)  
 206-512 OUTPUT TRANSFORMER  
 SPEED MOTOR (3 USED) (54-211)  
 SWITCHGEAR (57-112)  
 BRASS EYELET (ANT. LEAD) (64-38)  
 #5 X 3/8" PHILLIPS B.H. WOOD SCREW (FRONT PANEL MTG.) (700-111)  
 ELECTROLYTIC SOCKET (78-374)  
 LOKTAL BASE TUBE SOCKET (78-371)  
 LOKTAL BASE TUBE SOCKET (78-401)  
 FOUR BATTERY CABLE (78-543)  
 OCTAL BASE TUBE SOCKET (78-611)  
 OCTAL BASE TUBE SOCKET (78-671)  
 FELT STRIP (USED ON 46-573) (83-1401)  
 POWER CHANGE-OVER SWITCH (244705) (S3)  
 BAND SWITCH (S1) (85-364)  
 TONE CONTROL SWITCH (S2) (85-368)  
 COUNTERSUNK WASHER (2 USED) (93-485)  
 (ASTATARY BRONZE) (CHASSIS)  
 93-553 BRASS EYELET (2 USED)  
 112-206 GRILLE FLOTH (2 USED)  
 112-205 ORNAMENTAL HD. M. SC. (ANT. MTG.) (2 USED)  
 112-290 CHASSIS M.TG. SCREW (2 USED)  
 112-403 10-24 X 1" WASHER HD. M.S. (HANDLE RING) (2 USED)  
 125-17 RUBBER GROMMET (GANG MTG. & ANT. MTG.) (1)  
 139-54 BAFFLE BOARD  
 139-55 FRICTION LATCH (2 USED)  
 139-59 DOOR LATCH - UPPER HALF  
 139-61 DOOR LATCH - LOWER HALF  
 139-71 STRIKE FASTENER (2 USED)  
 184-7 BALL TIP FOR TELESCOPIC ANTENNA  
 188-47 HANDLE RING (2 USED)  
 202-400 INSTRUCTION BOOK  
 S-11802 ANTENNA TRIMMER BRKT. & PIN  
 S-11820 TELESCOPIC ANT. ASSEM.  
 S-13719 TONE CONTROL KNOB YOKE & PLATE ASSEM.
- WAVEMAGNET PARTS**  
 3-10662 WAVEMAGNET CABLE CLIP  
 3-10865 WAVEMAGNET SUCTION CUP ASSEM.  
 S-10867 WAVEMAGNET MTG. STRIP ASSEMBLY (SINGLE SNAP)  
 S-11928 WAVEMAGNET WINDING & PLATE ASSEMBLY (L4)  
 S-12362 WAVEMAGNET W.TG. STRIP ASSEMBLY (THREE SNAP)

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

3-10-47



TUBE TRIMMER LOCATION



DIAL CABLE DRAWING

TO THE SERVICEMAN: THE 6C41 CHASSIS IS A A.C. OR BATTERY OPERATED SUPERHETERODYNE WITH A STAGE OF RF AMPLIFICATION AND TWO TUNING RANGES. 935 TO 1620KC AND 9.4 TO 12.1 MC. THE CHASSIS IS ISOLATED FROM THE DC CIRCUITS, AND ALL MEASUREMENTS MUST BE MADE FROM A COMMON NEGATIVE POINT, IS MADE MOST CONVENIENT BY THE TERMINAL STRIP TO WHICH THE DC RESISTANCE FROM CHASSIS TO ANY CIRCUIT MUST BE ALMOST INFINITE. IF ANY CIRCUIT AUDIO HOME MICROPHONIC TUBES WILL CAUSE AUDIO HOWL. CHECK ILAG. THE WAVEMAGNET IS CONNECTED TO THE HINGES IN THE CABINET SNAPS AND FLEXIBLE LEADS. IF THE RF BECOMES WEAK OR DEAD, CHECK THE RESISTANCE OF THE WAVEMAGNET AT TUNING GANG. THE DC RESISTANCE ACROSS THE TWO LEADS SHOULD BE APPROXIMATELY 1 OHM. IF THE CIRCUIT IS OPEN, REMOVE THE TWO SCREWS WHICH HOLD THE HANDLE AND TOP PANEL AND REMOVE THE TOP PANEL WHEN THE TOP IS REMOVED, THE WAVEMAGNET CONNECTING LEADS WILL BE VISIBLE FOR INSPECTION. ALSO LOOSEN THE SNAP-ON SOCKET AND CHECK FOR SHORTED OR BROKEN LEADS. MOVE THE CHASSIS FROM THE CABINET AND ARRANGE THE IF ALIGNMENT. REMOVE THE CABLE PLUGGED IN THROUGH A 1MFD BUMMY UNIT. FEED A 455 KC SIGNAL TO THE CONVERTER GRID. CONNECT AN OUTPUT METER ACROSS THE VOICE COIL OF THE SPEAKER (TWO LUGS PROVIDED) AND ADJUST C12, C13, C14 AND C15 FOR MAXIMUM INDICATION ON THE OUTPUT METER. ALWAYS KEEP THE SIGNAL OUTPUT FROM THE GENERATOR JUST HIGH ENOUGH TO GET INDICATION ON THE METER. TOO MUCH SIGNAL WILL CAUSE LOADING AND INACCURATE ALIGNMENT. THE WAVE-TRAP IS ADJUSTED BY COUPLING THE 455KC SIGNAL TO THE WAVEMAGNET THROUGH A ONE TURN LOOP AND ADJUSTING C7 FOR MINIMUM INDICATION ON THE OUTPUT METER.

TURN LOOP LOOSELY COUPLED ABOUT 11.8 MC. SET THE BAND SWITCH TO A SINGLE ADJUST TO SCALE GENERATOR TO 1600KC AND LOOSELY COUPLE A ONE TURN LOOP TO THE WAVEMAGNET. C10 IS ADJUSTED TO SCALE SET SIGNAL GENERATOR AND DIAL SCALE TO 1400 KC AND ADJUST C3 FOR MAXIMUM SIGNAL. SET SIGNAL AND FRATOR AND DIAL TO 600 AND WHILE ROCKING THE GANG ADJUST C9 TO MAXIMUM A SLIGHT RE-ADJUSTMENT OF C2 AT 11.8 MC AND C3 AT 1400KC MAY BE NEEDED. SARY AFTER THE CHASSIS IS INSTALLED IN THE CABINET.

OPERATION	OSCILLATOR TO CONVERTER GRID	WAVEMAGNET TO ANTENNA	INDIFF. SIGNAL FREQUENCY	BAND	SET DIAL AT	TRIMMERS	PURPOSE
1	CONVERTER GRID	5 MFD	455 KC	BC	600 KC	C12, C13, C14, C15	ALIGN I. F.
2	ONE TURN COUPLED TO WAVEMAGNET	5 MFD	455 KC	BC	600 KC	C7	ADJUST WAVE-TRAP TO TUNING RANGE
3	ONE TURN COUPLED TO WAVEMAGNET	5 MFD	11.8 MC	BF	11.8 MC	C8	SET OSCILLATOR TO SCALE
4	ONE TURN COUPLED TO WAVEMAGNET	5 MFD	11.8 MC	BF	11.8 MC	C2	ALIGN WAVEMAGNET
5	ONE TURN COUPLED TO WAVEMAGNET	5 MFD	1600 KC	BC	1600 KC	C10	SET OSCILLATOR TO SCALE
6	ONE TURN COUPLED TO WAVEMAGNET	5 MFD	1400 KC	BC	1400 KC	C3	ALIGN WAVEMAGNET
7	ONE TURN COUPLED TO WAVEMAGNET	5 MFD	600 KC	BC	600 KC	C9	ADJUST PADDER