

Zenith Radio Corp.

Model: 6-S-546

Chassis:

Year: Pre April 1941

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

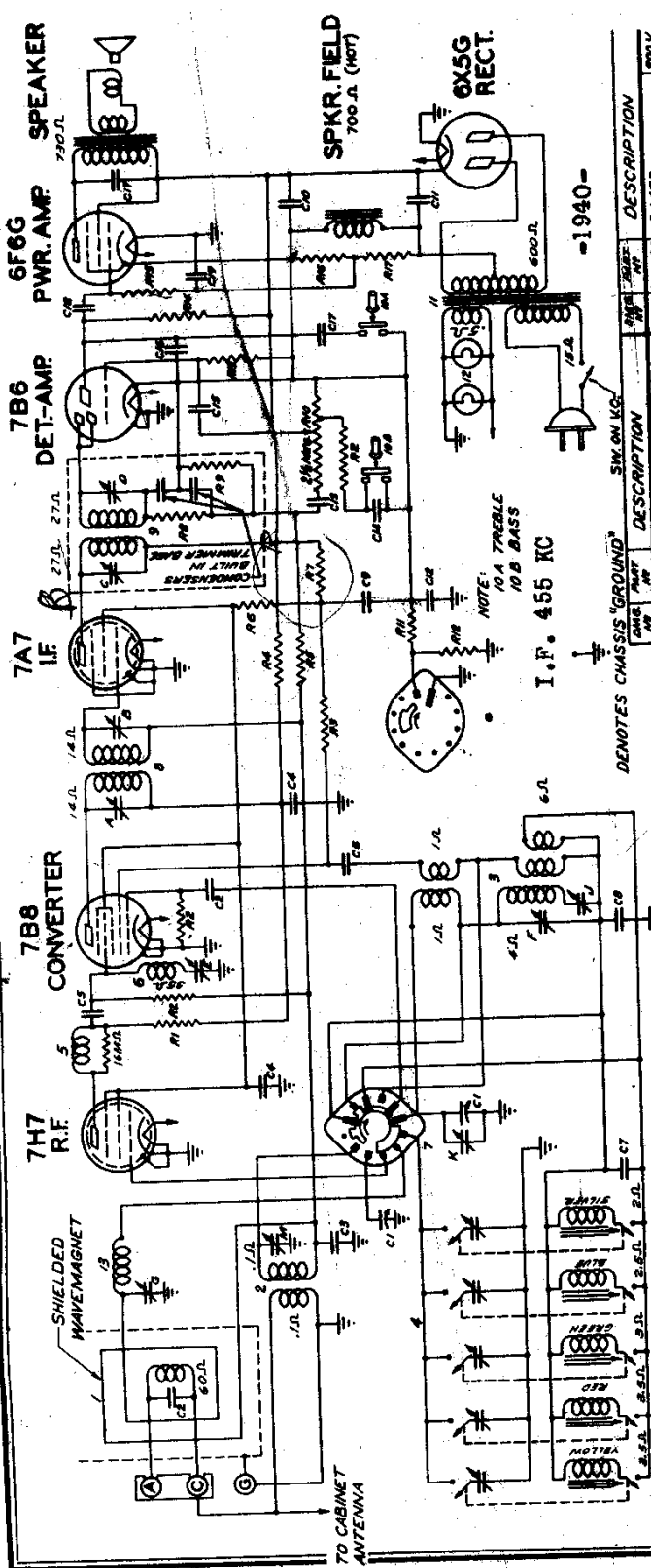
[Riders Volume 12 - ZENITH 12-11](#)

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ZENITH RADIO CORP. Ch. 6A05
 MODELS 65546, 65556



CHAS. PART NO.	DESCRIPTION	800 V
C1	22-004 TWO BAND VARIABLE	600 V
C2	22-284 20 MFD.	200 V
C3	22-284 20 MFD.	400 V
C4	22-102 0.001 MFD.	600 V
C5	22-102 0.002 MFD.	600 V
C6	22-102 0.002 MFD.	600 V
C7	22-102 0.002 MFD.	600 V
C8	22-102 0.002 MFD.	600 V
C9	22-102 0.002 MFD.	600 V
C10	22-102 0.002 MFD.	600 V
C11	22-102 0.002 MFD.	600 V
C12	22-102 0.002 MFD.	600 V
C13	22-102 0.002 MFD.	600 V
C14	22-102 0.002 MFD.	600 V
C15	22-102 0.002 MFD.	600 V
C16	22-102 0.002 MFD.	600 V
C17	22-102 0.002 MFD.	600 V
R1	65-571 4700 OHM	1/2 W
R2	65-572 47M OHM	1/2 W
R3	65-573 1000 OHM	1/2 W
R4	65-574 1.5 MEGOHM	1/2 W
R5	65-575 45M OHM	1/2 W
R6	65-576 47M OHM	1/2 W
R7	65-577 47M OHM	1/2 W
R8	65-578 47M OHM	1/2 W
R9	65-579 470M OHM	1/2 W
R10	65-580 47M OHM	1/2 W
R11	65-581 47M OHM	1/2 W
R12	65-582 47M OHM	1/2 W
R13	65-583 47M OHM	1/2 W
R14	65-584 47M OHM	1/2 W
R15	65-585 47M OHM	1/2 W
R16	65-586 47M OHM	1/2 W
R17	65-587 47M OHM	1/2 W
R18	65-588 47M OHM	1/2 W
R19	65-589 47M OHM	1/2 W
R20	65-590 47M OHM	1/2 W
R21	65-591 47M OHM	1/2 W
R22	65-592 47M OHM	1/2 W
R23	65-593 47M OHM	1/2 W
R24	65-594 47M OHM	1/2 W
R25	65-595 47M OHM	1/2 W
R26	65-596 47M OHM	1/2 W
R27	65-597 47M OHM	1/2 W
R28	65-598 47M OHM	1/2 W
R29	65-599 47M OHM	1/2 W
R30	65-600 47M OHM	1/2 W
R31	65-601 47M OHM	1/2 W
R32	65-602 47M OHM	1/2 W
R33	65-603 47M OHM	1/2 W
R34	65-604 47M OHM	1/2 W
R35	65-605 47M OHM	1/2 W
R36	65-606 47M OHM	1/2 W
R37	65-607 47M OHM	1/2 W
R38	65-608 47M OHM	1/2 W
R39	65-609 47M OHM	1/2 W
R40	65-610 47M OHM	1/2 W
R41	65-611 47M OHM	1/2 W
R42	65-612 47M OHM	1/2 W
R43	65-613 47M OHM	1/2 W
R44	65-614 47M OHM	1/2 W
R45	65-615 47M OHM	1/2 W
R46	65-616 47M OHM	1/2 W
R47	65-617 47M OHM	1/2 W
R48	65-618 47M OHM	1/2 W
R49	65-619 47M OHM	1/2 W
R50	65-620 47M OHM	1/2 W
R51	65-621 47M OHM	1/2 W
R52	65-622 47M OHM	1/2 W
R53	65-623 47M OHM	1/2 W
R54	65-624 47M OHM	1/2 W
R55	65-625 47M OHM	1/2 W
R56	65-626 47M OHM	1/2 W
R57	65-627 47M OHM	1/2 W
R58	65-628 47M OHM	1/2 W
R59	65-629 47M OHM	1/2 W
R60	65-630 47M OHM	1/2 W
R61	65-631 47M OHM	1/2 W
R62	65-632 47M OHM	1/2 W
R63	65-633 47M OHM	1/2 W
R64	65-634 47M OHM	1/2 W
R65	65-635 47M OHM	1/2 W
R66	65-636 47M OHM	1/2 W
R67	65-637 47M OHM	1/2 W
R68	65-638 47M OHM	1/2 W
R69	65-639 47M OHM	1/2 W
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R72	65-642 47M OHM	1/2 W
R73	65-643 47M OHM	1/2 W
R74	65-644 47M OHM	1/2 W
R75	65-645 47M OHM	1/2 W
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R77	65-647 47M OHM	1/2 W
R78	65-648 47M OHM	1/2 W
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R80	65-650 47M OHM	1/2 W
R81	65-651 47M OHM	1/2 W
R82	65-652 47M OHM	1/2 W
R83	65-653 47M OHM	1/2 W
R84	65-654 47M OHM	1/2 W
R85	65-655 47M OHM	1/2 W
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R174	65-744 47M OHM	1/2 W
R175	65-745 47M OHM	1/2 W
R176	65-746 47M OHM	1/2 W
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R178	65-748 47M OHM	1/2 W
R179	65-749 47M OHM	1/2 W
R180	65-750 47M OHM	1/2 W
R181	65-751 47M OHM	1/2 W
R182	65-752 47M OHM	1/2 W
R183	65-753 47M OHM	1/2 W
R184	65-754 47M OHM	1/2 W
R185	65-755 47M OHM	1/2 W
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R187	65-757 47M OHM	1/2 W
R188	65-758 47M OHM	1/2 W
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R197	65-767 47M OHM	1/2 W
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R202	65-772 47M OHM	1/2 W
R203	65-773 47M OHM	1/2 W
R204	65-774 47M OHM	1/2 W
R205	65-775 47M OHM	1/2 W
R206	65-776 47M OHM	1/2 W
R207	65-777 47M OHM	1/2 W
R208	65-778 47M OHM	1/2 W
R209	65-779 47M OHM	1/2 W
R210	65-780 47M OHM	1/2 W
R211	65-781 47M OHM	1/2 W
R212	65-782 47M OHM	1/2 W
R213	65-783 47M OHM	1/2 W
R214	65-784 47M OHM	1/2 W
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R219	65-789 47M OHM	1/2 W
R220	65-790 47M OHM	1/2 W
R221	65-791 47M OHM	1/2 W
R222	65-792 47M OHM	1/2 W
R223	65-793 47M OHM	1/2 W
R224	65-794 47M OHM	1/2 W
R225	65-795 47M OHM	1/2 W
R226	65-796 47M OHM	1/2 W
R227	65-797 47M OHM	1/2 W
R228	65-798 47M OHM	1/2 W
R229	65-799 47M OHM	1/2 W
R230	65-800 47M OHM	1/2 W
R231	65-801 47M OHM	1/2 W
R232	65-802 47M OHM	1/2 W
R233	65-803 47M OHM	1/2 W
R234	65-804 47M OHM	1/2 W
R235	65-805 47M OHM	1/2 W
R236	65-806 47M OHM	1/2 W
R237	65-807 47M OHM	1/2 W
R238	65-808 47M OHM	1/2 W
R239	65-809 47M OHM	1/2 W
R240	65-810 47M OHM	1/2 W
R241	65-811 47M OHM	1/2 W
R242	65-812 47M OHM	1/2 W
R243	65-813 47M OHM	1/2 W
R244	65-814 47M OHM	1/2 W
R245	65-815 47M OHM	1/2 W
R246	65-816 47M OHM	1/2 W
R247	65-817 47M OHM	1/2 W
R248	65-818 47M OHM	1/2 W
R249	65-819 47M OHM	1/2 W
R250	65-820 47M OHM	1/2 W
R251	65-821 47M OHM	1/2 W
R252	65-822 47M OHM	1/2 W
R253	65-823 47M OHM	1/2 W
R254	65-824 47M OHM	1/2 W
R255	65-825 47M OHM	1/2 W
R256	65-826 47M OHM	1/2 W
R257	65-827 47M OHM	1/2 W
R258	65-828 47M OHM	1/2 W
R259	65-829 47M OHM	1/2 W

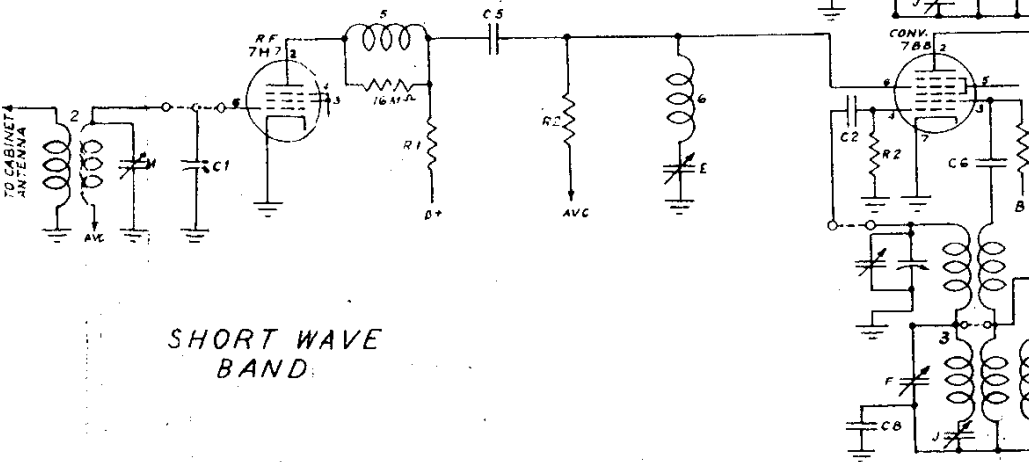
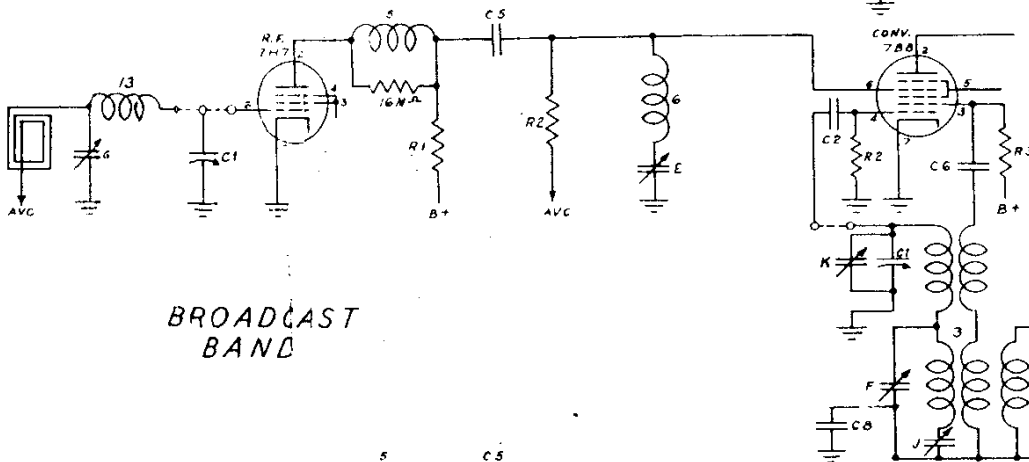
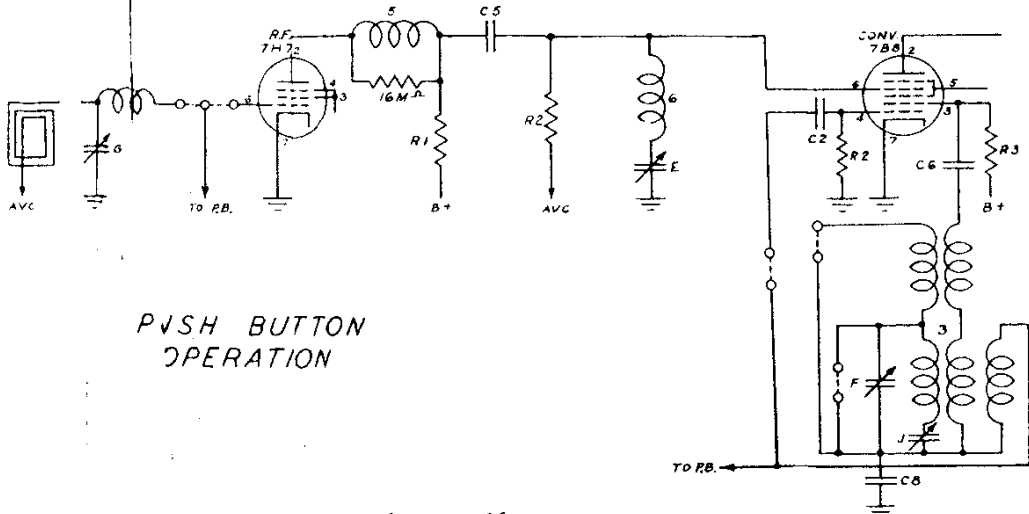
MODEL 6S
See Zenith

-596S-97
ch P 12,14

ZENITH RADIO CORP.

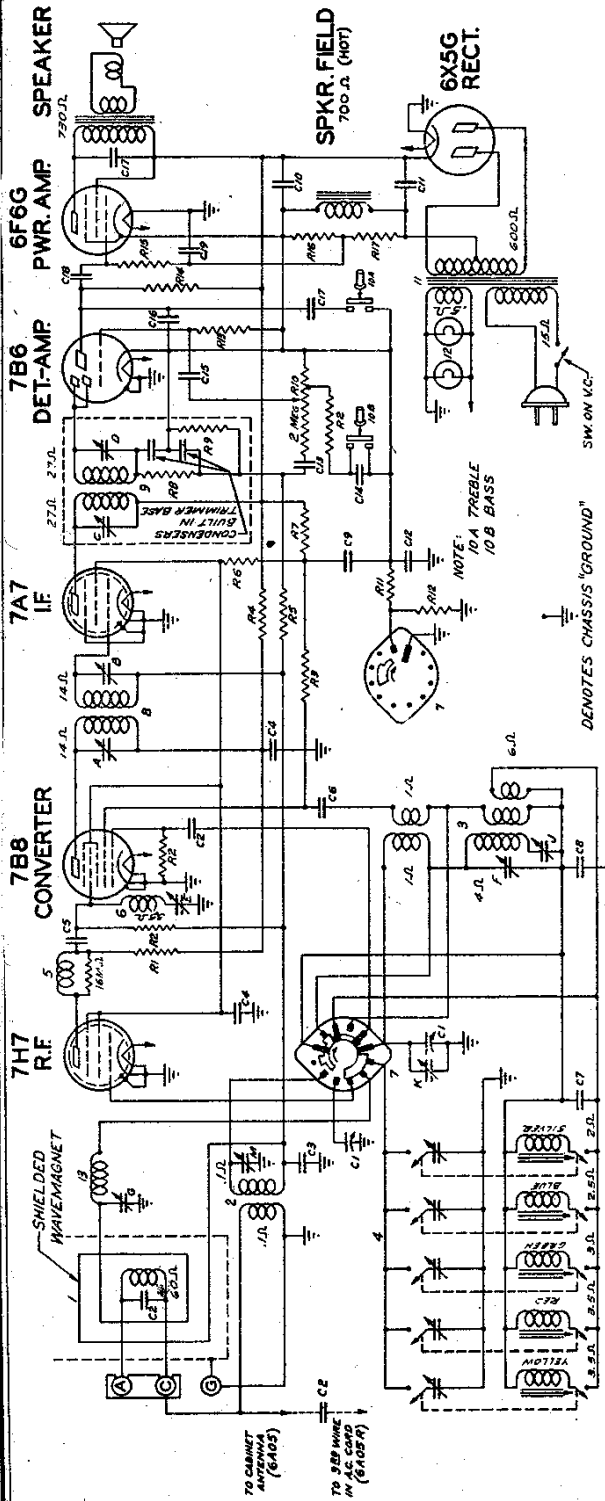
MODELS 6S-532, 6S-546,
6S-556

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MODELS 6S546, 6S556
 Chassis 6A05, 6S532,
 Chassis 6A05R

ZENITH RADIO CORP.



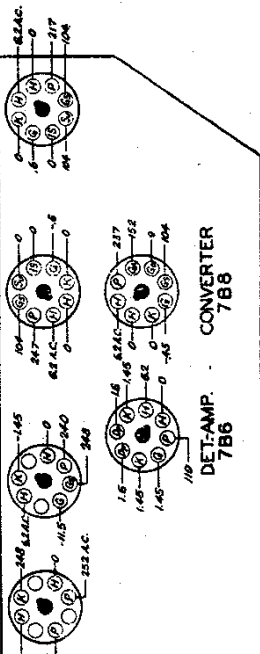
CHASSIS MODEL
 6A05
 6S546
 6A05R
 6S532

Power output 6. watts.
 Tuning Ranges 545 Kc. to 1570 Kc.
 5.7 Mc. to 18.3 Mc.

I.F. FREQUENCY 455 KC.
 6 TUBE SUPERHETERODYNE
 CHASSIS No 6A05 & 6A05R 2 BAND AC
 AMP. 6F6G
 I.F. 7A7
 R.F. 7B7

BAND SWITCH SHOWN IN AUTOMATIC POSITION

DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION
C1	22-1044	7WD GANG VARIABLE	R12	63-597	470 M OHM
C2	22-1059	50 MFD.	R15	63-664	100 M OHM
C3	22-1060	0.05 MFD.	R17	63-656	270 M OHM
C4	22-1061	0.001 MFD.	1	38507	WAVEMAGNET ASSEMBLY
C5	22-1062	0.0022 MFD.	2	38507	ANTENNA COIL ASSEMBLY
C6	22-1063	0.0022 MFD.	3	38507	WAVE TRAP ASSEMBLY
C7	22-1064	0.0022 MFD.	4	38507	AUTOMATIC TUNING UNIT
C8	22-1065	0.0022 MFD.	5	38507	RES. ASSEMBLY
C9	22-1066	0.0022 MFD.	6	38507	WAVE TRAP ASSEMBLY
C10	22-1067	0.0022 MFD.	7	38507	BAND SELECTION SWITCH
C11	22-1068	0.0022 MFD.	8	38507	WAVE TRAP ASSEMBLY
C12	22-1069	0.0022 MFD.	9	38507	CONTROL SWITCH
C13	22-1070	0.0022 MFD.	10	38507	PILOT LIGHT
C14	22-1071	0.0022 MFD.	11	38507	50-60 CY. TRANS.
C15	22-1072	0.0022 MFD.	12	38507	50-60 CY. TRANS.
C16	22-1073	0.0022 MFD.			
C17	22-1074	0.0022 MFD.			
C18	22-1075	0.0022 MFD.			
C19	22-1076	0.0022 MFD.			
C20	22-1077	0.0022 MFD.			
C21	22-1078	0.0022 MFD.			
C22	22-1079	0.0022 MFD.			
C23	22-1080	0.0022 MFD.			
C24	22-1081	0.0022 MFD.			
C25	22-1082	0.0022 MFD.			
C26	22-1083	0.0022 MFD.			
C27	22-1084	0.0022 MFD.			
C28	22-1085	0.0022 MFD.			
C29	22-1086	0.0022 MFD.			
C30	22-1087	0.0022 MFD.			
C31	22-1088	0.0022 MFD.			
C32	22-1089	0.0022 MFD.			
C33	22-1090	0.0022 MFD.			
C34	22-1091	0.0022 MFD.			
C35	22-1092	0.0022 MFD.			
C36	22-1093	0.0022 MFD.			
C37	22-1094	0.0022 MFD.			
C38	22-1095	0.0022 MFD.			
C39	22-1096	0.0022 MFD.			
C40	22-1097	0.0022 MFD.			
C41	22-1098	0.0022 MFD.			
C42	22-1099	0.0022 MFD.			
C43	22-1100	0.0022 MFD.			
C44	22-1101	0.0022 MFD.			
C45	22-1102	0.0022 MFD.			
C46	22-1103	0.0022 MFD.			
C47	22-1104	0.0022 MFD.			
C48	22-1105	0.0022 MFD.			
C49	22-1106	0.0022 MFD.			
C50	22-1107	0.0022 MFD.			
C51	22-1108	0.0022 MFD.			
C52	22-1109	0.0022 MFD.			
C53	22-1110	0.0022 MFD.			
C54	22-1111	0.0022 MFD.			
C55	22-1112	0.0022 MFD.			
C56	22-1113	0.0022 MFD.			
C57	22-1114	0.0022 MFD.			
C58	22-1115	0.0022 MFD.			
C59	22-1116	0.0022 MFD.			
C60	22-1117	0.0022 MFD.			
C61	22-1118	0.0022 MFD.			
C62	22-1119	0.0022 MFD.			
C63	22-1120	0.0022 MFD.			
C64	22-1121	0.0022 MFD.			
C65	22-1122	0.0022 MFD.			
C66	22-1123	0.0022 MFD.			
C67	22-1124	0.0022 MFD.			
C68	22-1125	0.0022 MFD.			
C69	22-1126	0.0022 MFD.			
C70	22-1127	0.0022 MFD.			
C71	22-1128	0.0022 MFD.			
C72	22-1129	0.0022 MFD.			
C73	22-1130	0.0022 MFD.			
C74	22-1131	0.0022 MFD.			
C75	22-1132	0.0022 MFD.			
C76	22-1133	0.0022 MFD.			
C77	22-1134	0.0022 MFD.			
C78	22-1135	0.0022 MFD.			
C79	22-1136	0.0022 MFD.			
C80	22-1137	0.0022 MFD.			
C81	22-1138	0.0022 MFD.			
C82	22-1139	0.0022 MFD.			
C83	22-1140	0.0022 MFD.			
C84	22-1141	0.0022 MFD.			
C85	22-1142	0.0022 MFD.			
C86	22-1143	0.0022 MFD.			
C87	22-1144	0.0022 MFD.			
C88	22-1145	0.0022 MFD.			
C89	22-1146	0.0022 MFD.			
C90	22-1147	0.0022 MFD.			
C91	22-1148	0.0022 MFD.			
C92	22-1149	0.0022 MFD.			
C93	22-1150	0.0022 MFD.			
C94	22-1151	0.0022 MFD.			
C95	22-1152	0.0022 MFD.			
C96	22-1153	0.0022 MFD.			
C97	22-1154	0.0022 MFD.			
C98	22-1155	0.0022 MFD.			
C99	22-1156	0.0022 MFD.			
C100	22-1157	0.0022 MFD.			



All voltages measured with a 20,000 ohm per volt meter from chassis to socket contact indicated.
 All voltages are positive D.C. unless marked otherwise.
 Volume control full on.
 Line voltage 117 A.C.
 Power consumption 60 watts.

Stage Gains:
 Bc. and 455 Kc. I.F.
 Ant. to R.F. grid 3.8x at 1000 Kc.
 R.F. grid to conv. grid 7x at 1000 Kc.
 Conv. grid to I.F. grid 92x at 455 Kc.
 Overall audio 778x at 1 watt
 400 cycles.