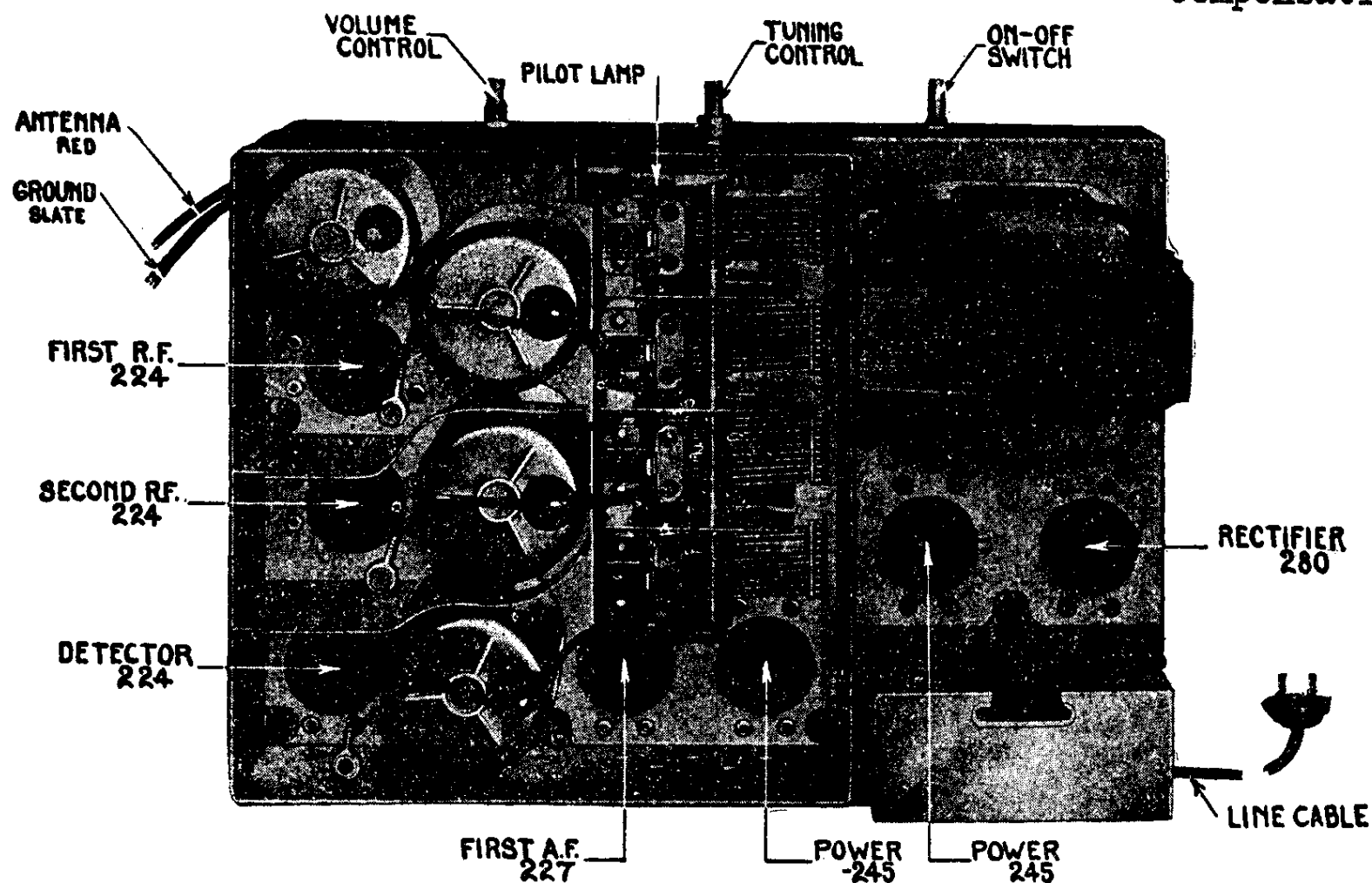


## FADA RADIO &amp; ELECTRIC CORP.

MODEL 43,761,764  
766,767  
Chassis View  
Compensating Data



**COMPENSATING INSTRUCTIONS**  
Fada 43,761,762,764,766 and 767  
inclusive of all KF and KG  
chassis.

The compensating condensers are located on their respective tuning condensers. They are adjusted by the use of a screw driver. Since the adjusting screws are at ground potential, it is not necessary to insulate the screw driver. There are four holes in the tube and condenser housing cover which permit insertion of the screw driver for compensating purposes.

**To compensate receiver:-**

- 1st. Carefully tune the receiver to a broadcast station or local oscillator, at approximately 225 meters. Turn the volume control down so that each compensator adjustment will be apparent in the change in volume.
- 2nd. Beginning with the antenna compensator, carefully adjust each compensator in turn for **MAXIMUM SIGNAL**. Do not disturb the main tuning condenser.
- 3rd. After the receiver has been compensated in accordance with these instructions, carefully retune the receiver to the correct dial setting of the station being received and repeat the process of compensation so as to assure accuracy.

**Special Note.**

When compensating the receiver, or before and during the compensation process, be certain that the tube and overall condenser housing is firmly in place. If not, the compensating adjustments will not be accurate.

MODEL 43 (KF)  
 MODEL 761, 762, 764, 766, 767 FADA RADIO & ELECTRIC CORP.  
 (KG)

Voltages.

VOLTAGE READINGS ON 60 CYCLE "KG" RECEIVER

The following voltage readings are to be taken at points beneath the chassis. Be sure that the overall condenser and tube shield housing cover is fastened in place or else oscillation will occur which will affect voltage readings. The speaker field coil must remain connected in the circuit and all tubes must be in their correct sockets, otherwise excessive voltages will develop which may tend to break down sections of the condenser block.

- General Information  
 Volume Control Set for minimum volume.

Line Volts	Line Watts	Filament Rect.	Filament Pwr.	Volts Det. R.F. Aud.	Line Amps.	Plate-Cath. Pwr.	Volts R.F. Det. AUD.	Screen Det.	Volts R.F.
100	-	4.2	2.05	1.92	.678				
105	-	4.5	2.2	2.15	.72				
110	-	4.68	2.3	2.25	.75				
115	86.5	4.9	2.41	2.38	.79	255	180 136	32	90.5
120	-	5.1	2.5	2.48	.82				
125	-	5.35	2.62	2.58	.85				
130	-	5.55	2.74	2.69	.89				

VOLTAGE READINGS ON 60 CYCLE "KF" RECEIVER

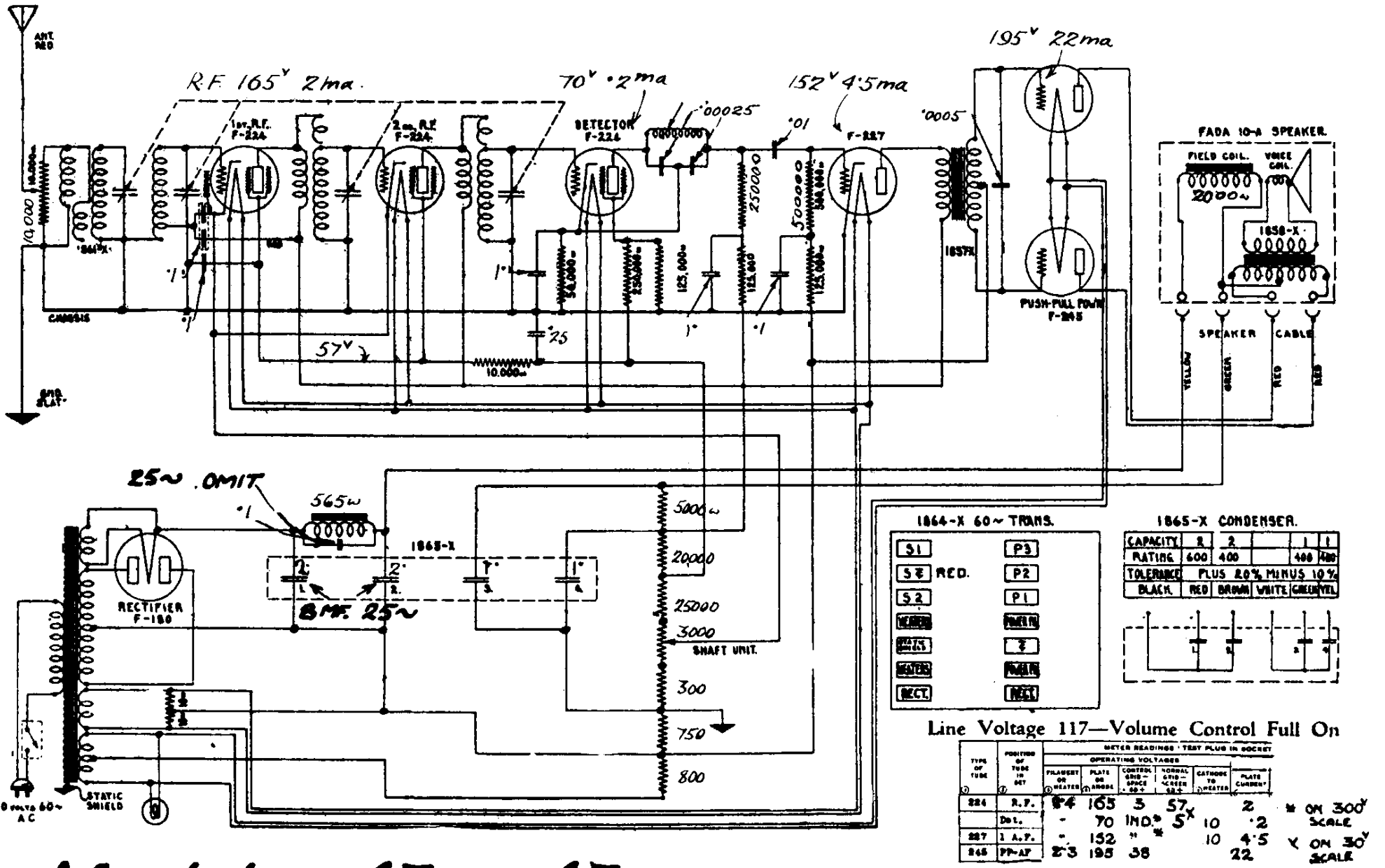
- General Information  
 Volume Control Set for minimum volume.

Line Volts	Line Watts	Filament Rect.	Volts Power Det. R.F. Aud.	Line Amps.	Plate-Cath. Pwr.	Volts R.F. Det.	Screen Det.	Volts R.F.
100	57.0	4.4	2.0	2.1				
105	62.0	4.6	2.13	2.22				
110	68.5	4.8	2.25	2.35				
115	75.0	5.0	2.35	2.48	210	170 118	20	80
120	81.5	5.2	2.45	2.58				
125	88.0	5.4	2.55	2.7				
130	95.0	5.6	2.65	2.8				

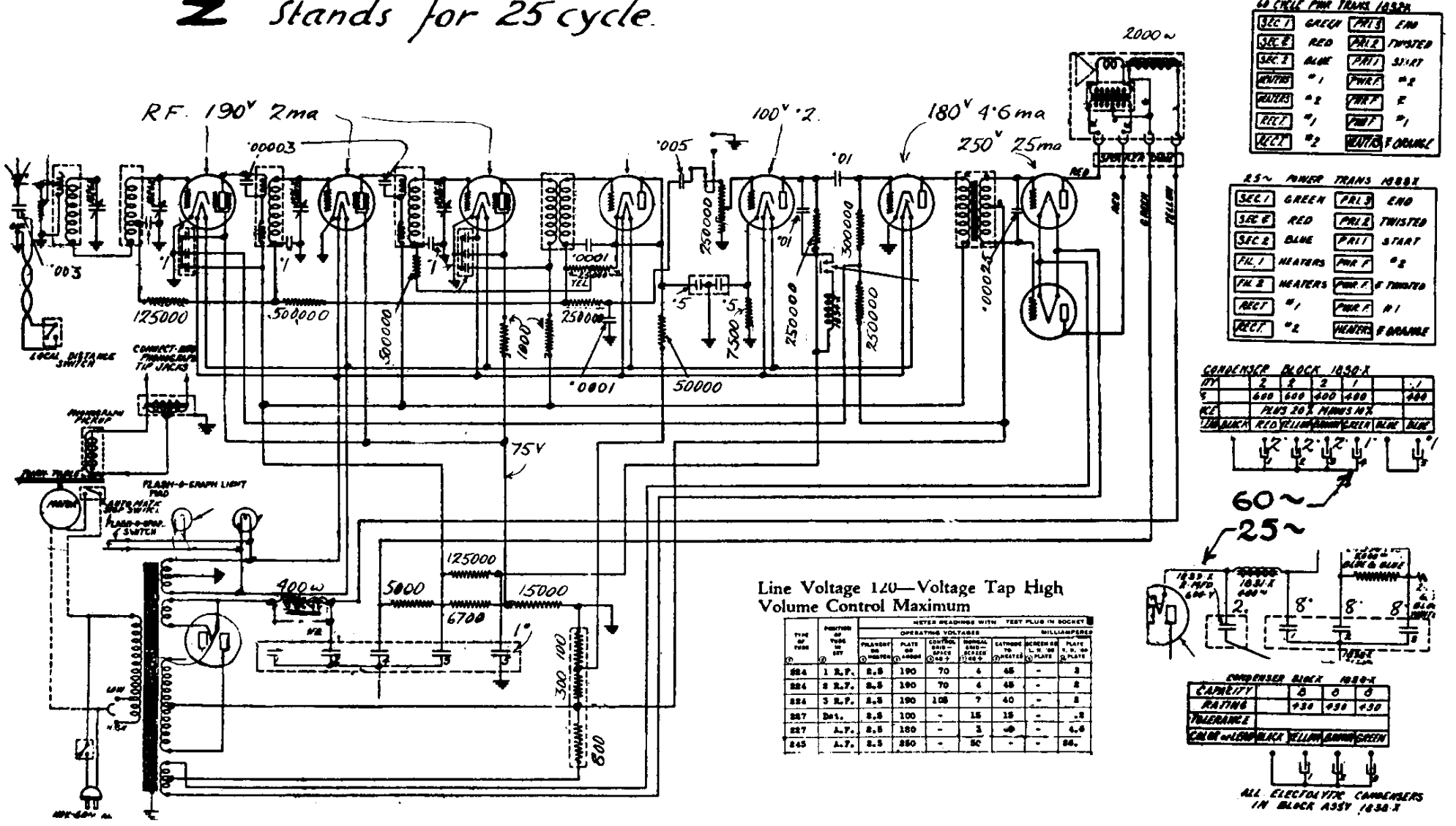
VOLTAGE READINGS ON 25 CYCLE "KF" RECEIVER

- General Information  
 Volume Control Set for minimum volume.

Line Volts	Line Watts	Filament Rect.	Volts Pwr. Det. R.F. Aud.	Line Amps.	Plate-Cath. Pwr.	Volts R.F. Det. AUD.	Screen Det.	Volts R.F.
100	54	4.4	1.95	2.0	.57			
105	59	4.6	2.5	2.1	.60			
110	65	4.8	2.15	2.2	.63			
115	71	5.1	2.25	2.3	.66	200 160 120	25	75
120	77	5.3	2.35	2.4	.70			
125	84	5.5	2.45	2.55	.74			
130	90	5.7	2.55	2.65	.77			



Models 43 - 43z. 1931  
Z stands for 25 cycle.



Models. 40c. 42. 44. 46. 47. 1930-31.  
DATA SHEET FADA-10

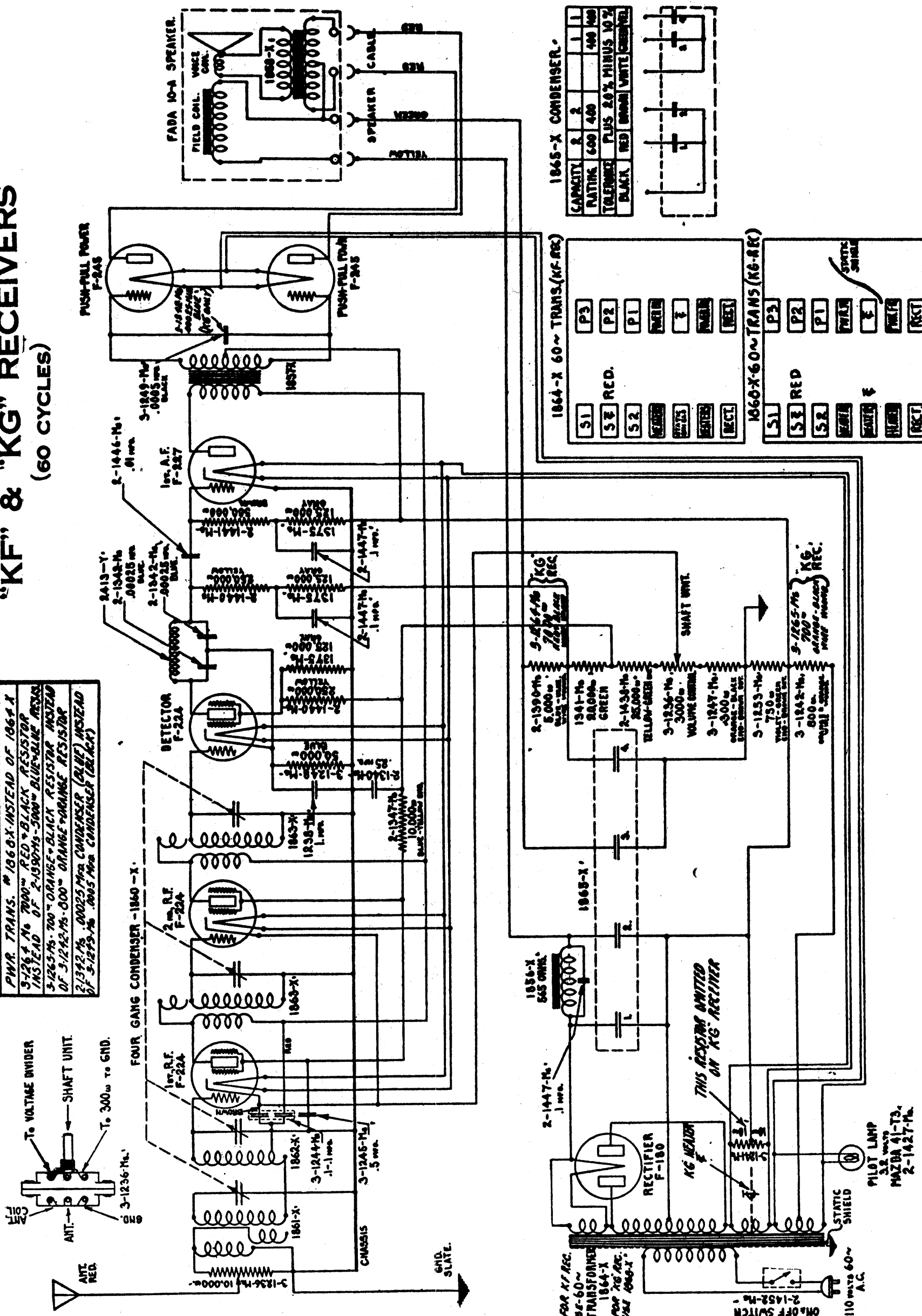
Data Sheet II now omitted.

FADA RADIO & ELECTRIC CORP.

MODEL "KF", (43)  
 MODEL "KG", (761, 762, 764, 766)  
 Schematic

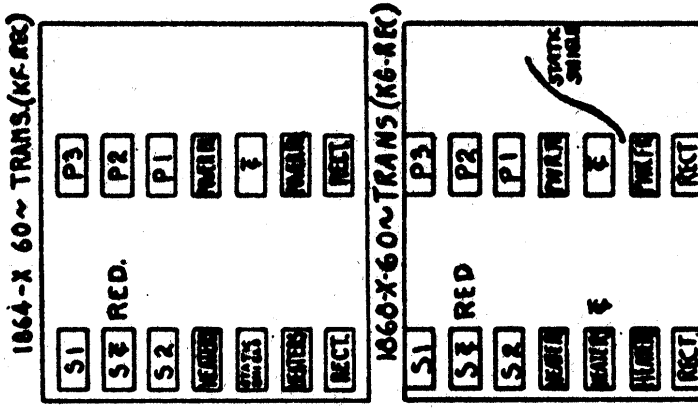
"KF" & "KG" RECEIVERS  
 (60 CYCLES)

60~ KG RECEIVERS REQUIRES:-  
 PWR TRANS. # 1860-X INSTEAD OF 1864-X  
 3-726-7 No 7000~ RED-BLACK RESISTOR  
 INSTEAD OF 2-15907-5-500~ BLUE-BLUE RESISTOR  
 3-1265-7-700~ ORANGE-BLACK RESISTOR INSTEAD  
 OF 3-1242-7-500~ ORANGE-ORANGE RESISTOR  
 2-1372-7-500000~ CONDENSER (BLUE) INSTEAD  
 OF 3-1275-7-500000~ CONDENSER (BLACK)



1865-X CONDENSER.

CAPACITY	R	1	1
RATING	600	400	400
TOLERANCE	PLUS 2.0% MINUS 10%		
BLACK	RED	BROWN	WHITE



Model "KF" Chassis. Receiver model 43  
 Model "KG" Chassis. Receiver model 761, 762, 764, 766