

ALL DC, AC & RF VOLTAGES TAKEN WITH VTVM *

		1	2	3	4	5	6	7	8	9
12AT7 (a)	PRE-AMP	112	0	1.7	3.1		120	0	2	3.1
6U8	AF DRIVER	290	-13	155	"	"	290	0	7.5	0
	MASTER OSC		17	2			30			
12AT7 (b)	AF MODULATOR	295	0	4	"	"	295	0	4	"
6BA7	MIXER	DC 88	-4.4	0	"	"	0	-4.5	0	295
	RF		5					3.5		20
12BH7	CATH FOLL	DC 0	-32	.8	3.1	3.1	305	0	13.5	3.1
	IND RECT			28	AC	AC		16	15	AC
2-6AG7	DC POWER AMP	0	3.1	300	11	0	300	3.1	300	
	RF		AC		11			AC	175	
12AT7 (c)	VOICE AMP	165	26	27	3.1	3.1	60	.05	.9	3.1
	RELAY CONT				AC	AC				AC
6AL5	VOICE RECT	-.5	-110	3.1	3.1	86	0	-.15		
	BIAS RECT			AC	AC	AC				
6E5	DC RF IND	3.1	285	-32	315	0	3.1			
		AC					AC			
5U4 G	DC HV RECT	0	315	0		0	350	0	315	
			5 TO*8		350		350	0	*2-5	

*RF VOLTAGES ARE PEAK

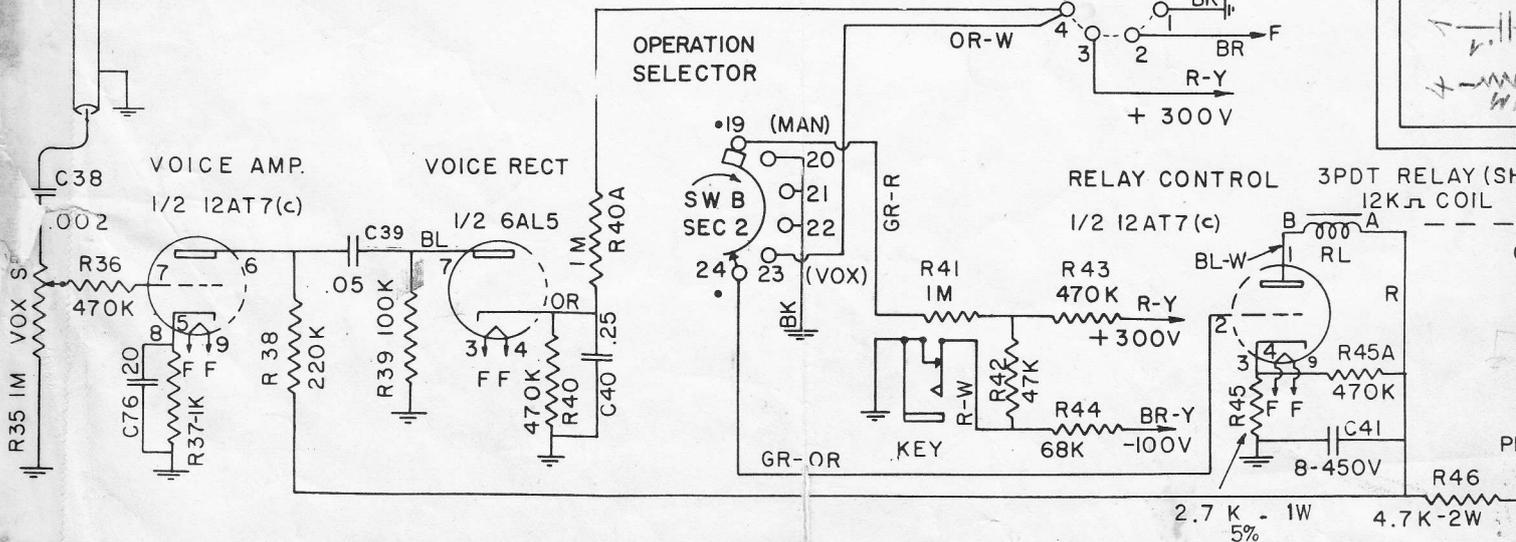
CONDITIONS
 OPERATION - MANUAL
 CARRIER - MAX
 SPEECH LEVEL - OFF
 VOX SENS - OFF
 RF OUTPUT - 4 MC
 IND SW - SET MAX LEVEL
 IND LEVEL - MAX

TERMINAL NO OF 9 PIN PL PHASE SHIF

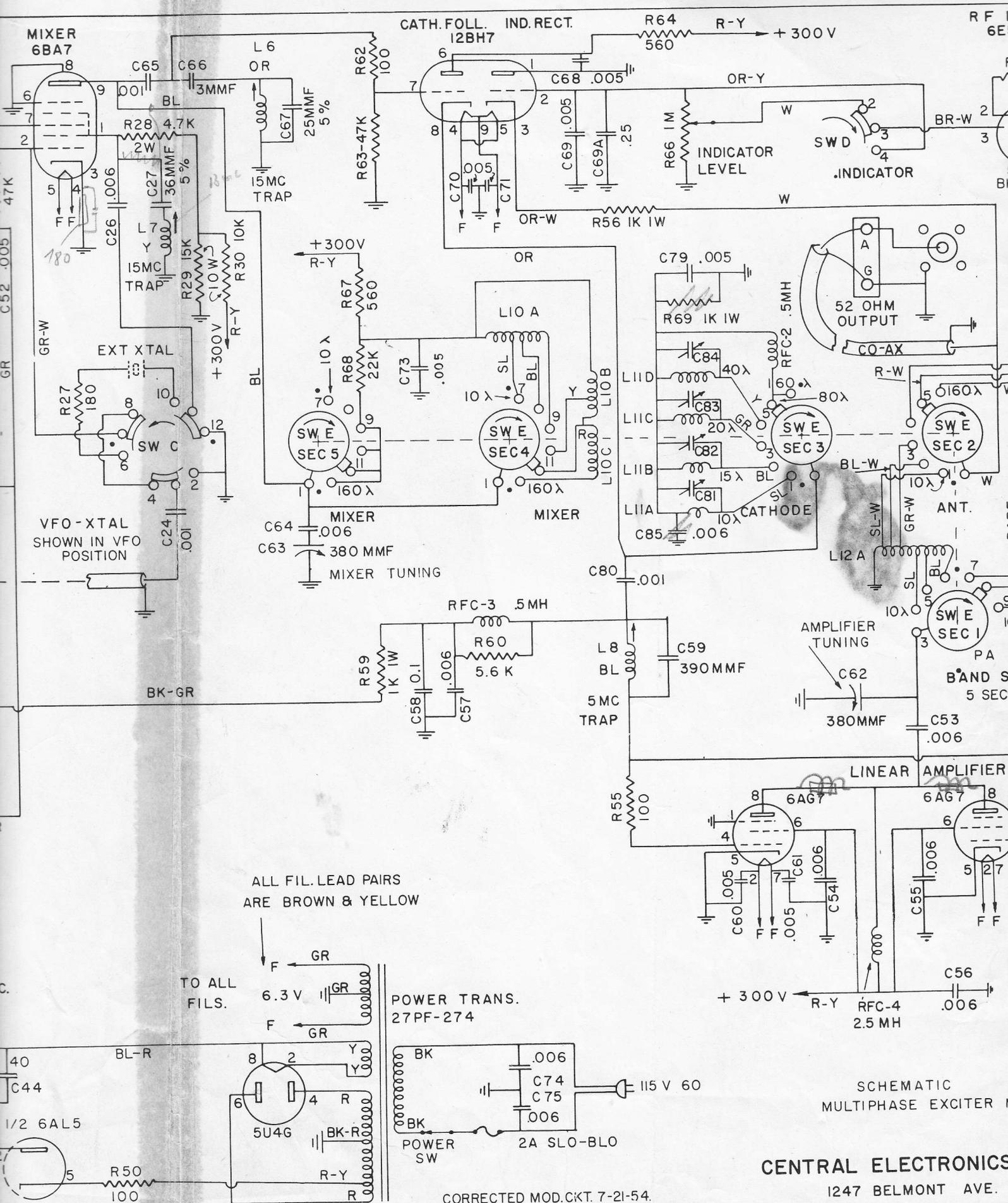
REMOVE IF TALK IS NOT D

Bridges cut speech be wind

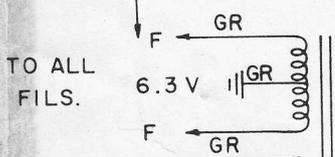
SHIELDED WIRE



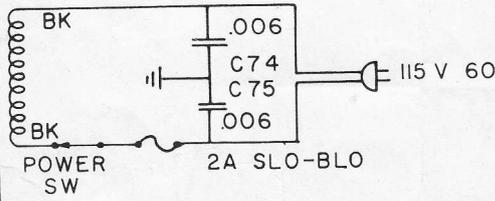
2.7 K - 1W 5% 4.7K - 2W



ALL FIL. LEAD PAIRS ARE BROWN & YELLOW



POWER TRANS. 27PF-274

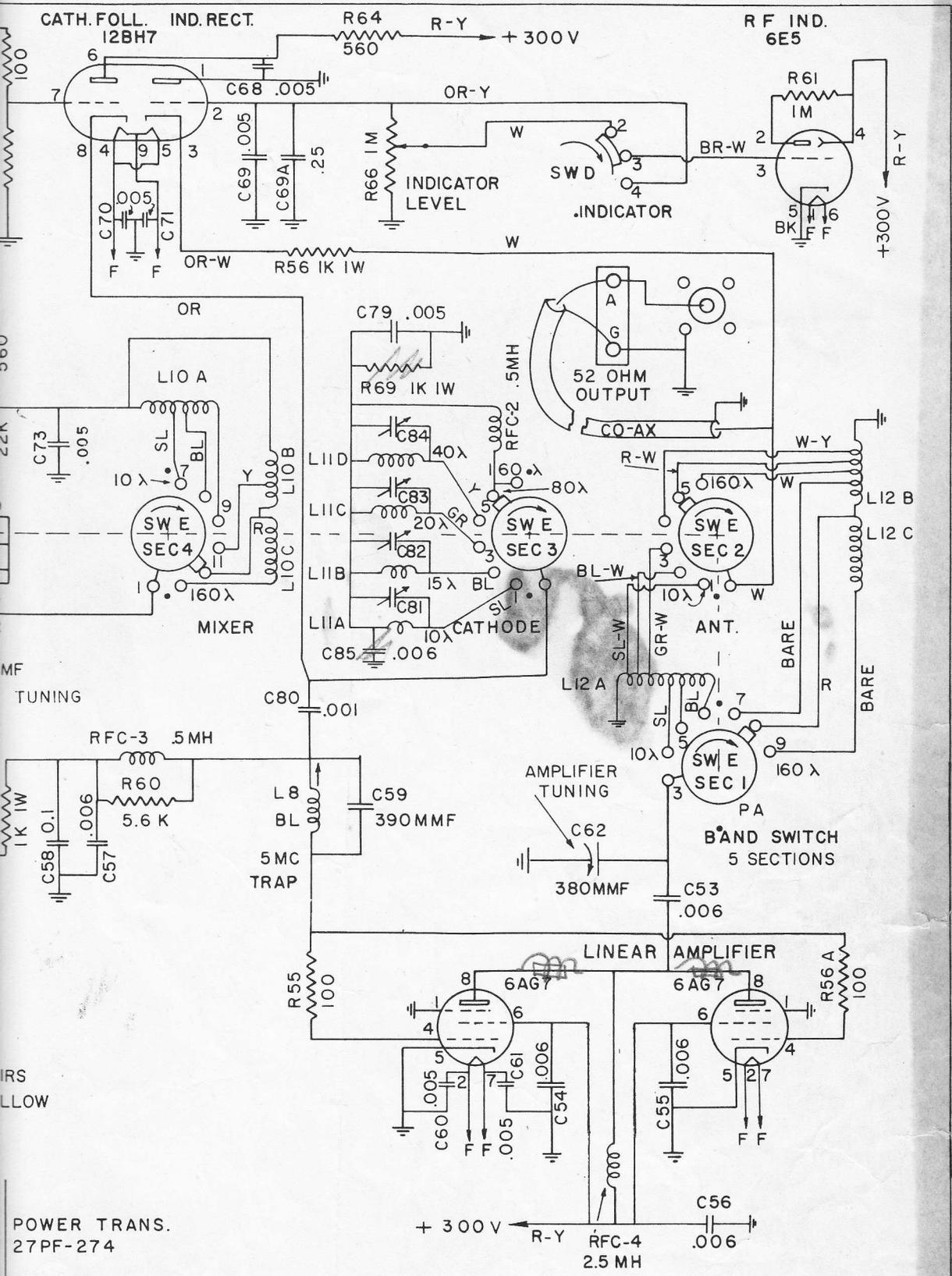


SCHEMATIC MULTIPHASE EXCITER

CENTRAL ELECTRONICS
1247 BELMONT AVE.
CHICAGO 13, ILL.

CORRECTED MOD. CKT. 7-21-54.
REVISED 6-11-54 6U8-9MC OSC
FOR SERIAL NO. BEGINNING 2242

DK9QT DL9PJ



SCHEMATIC
MULTIPHASE EXCITER MODEL 20 A

CENTRAL ELECTRONICS, INC.

1247 BELMONT AVE.
CHICAGO 13, ILL.

CORRECTED MOD. CKT. 7-21-54.
REVISED 6-11-54 6U8-9MC OSC
FOR SERIAL NO. BEGINNING 2242

3-1-54

DK9QT DL9PJ

DR'G #20A98A 4-5-55