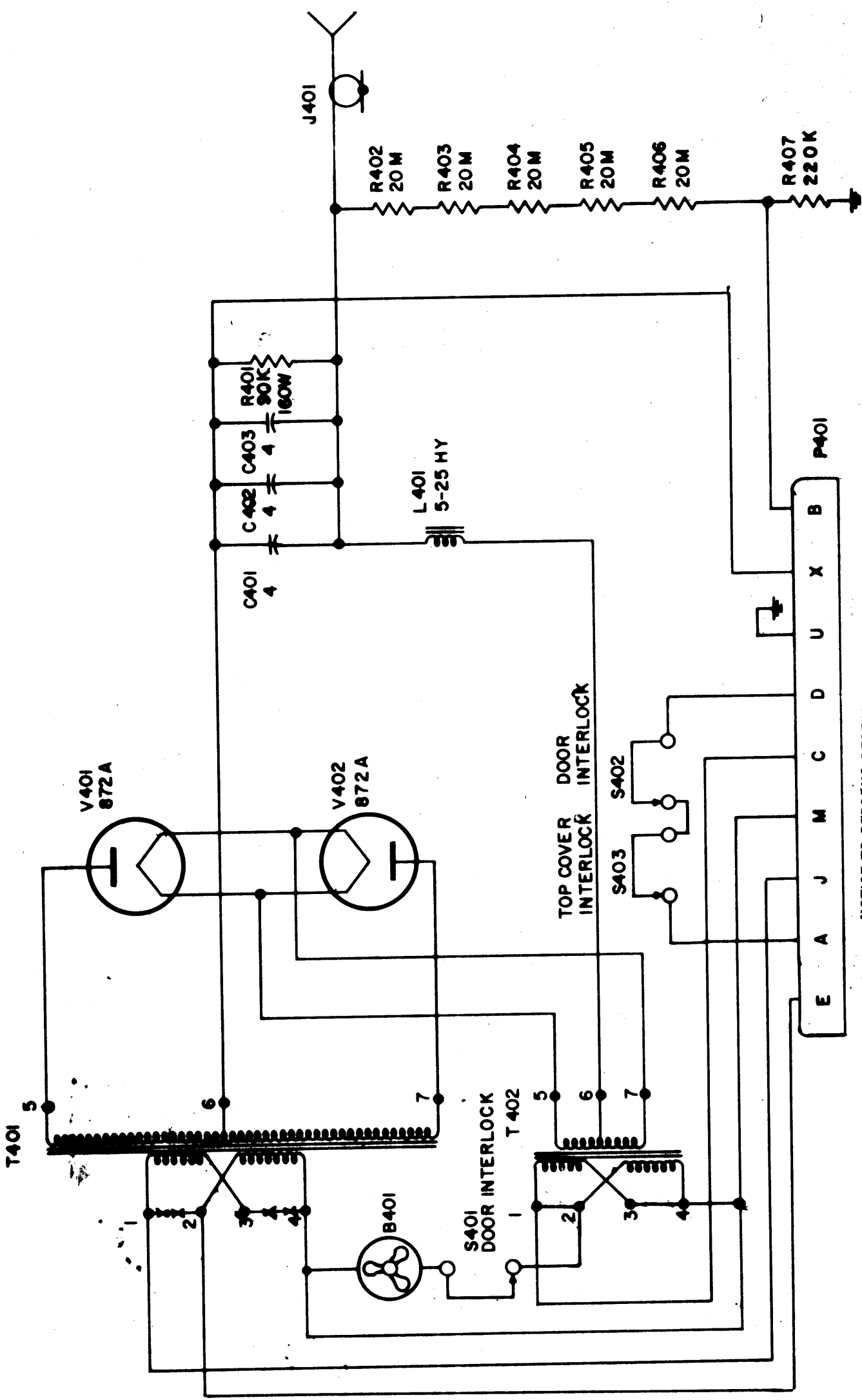


CK-407 c

LAST SYMBOLS

- B 401
- C 403
- J 401
- L 401
- R 402
- S 403
- T 401
- V 402
- P 401



FOR 230V OPERATION REMOVE
JUMPERS MARKED *** AND
CONNECT TERMINALS 2 & 3
AT T401.

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MAMARONECK, NEW YORK

REV.	DATE	CH. NO.	DRAWN	CHECKED	ENL. APP.
C	3-28-59	1901	M.G.	H.D.	d.r.
B	1-29-59	1822	V.R.		
A	9-7-59	1255	D.M.		
<p>ADDED CONNECTION FROM 16-... VOLTAGE... CHANGED FROM TOLERANCE</p>					
<p>SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURS AND SHARP EDGES. DRAWN BY: M.G. CHECKED BY: H.D. ENL. APP. BY: d.r.</p>					

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		SCHEMATIC DIAGRAM	
		PS-5 / PAL-1K	
		P.D. IORILLA	
		DRAWN	
		CHECKED	
			PRINTED AT: MAMARONECK, N.Y.
			CK-407 c

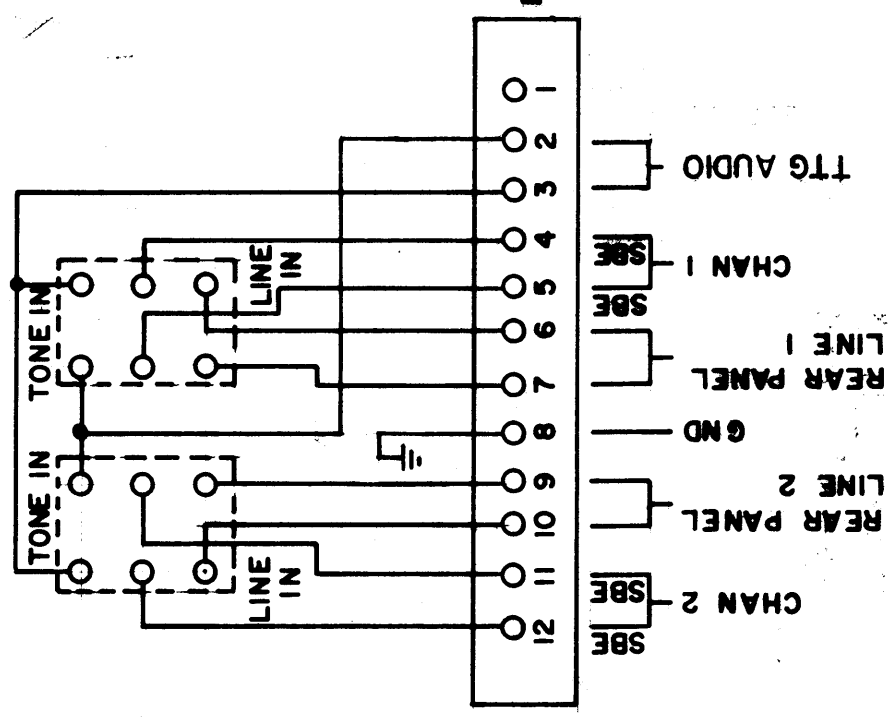
CK-413

P/O CA-427
REF. CK-397

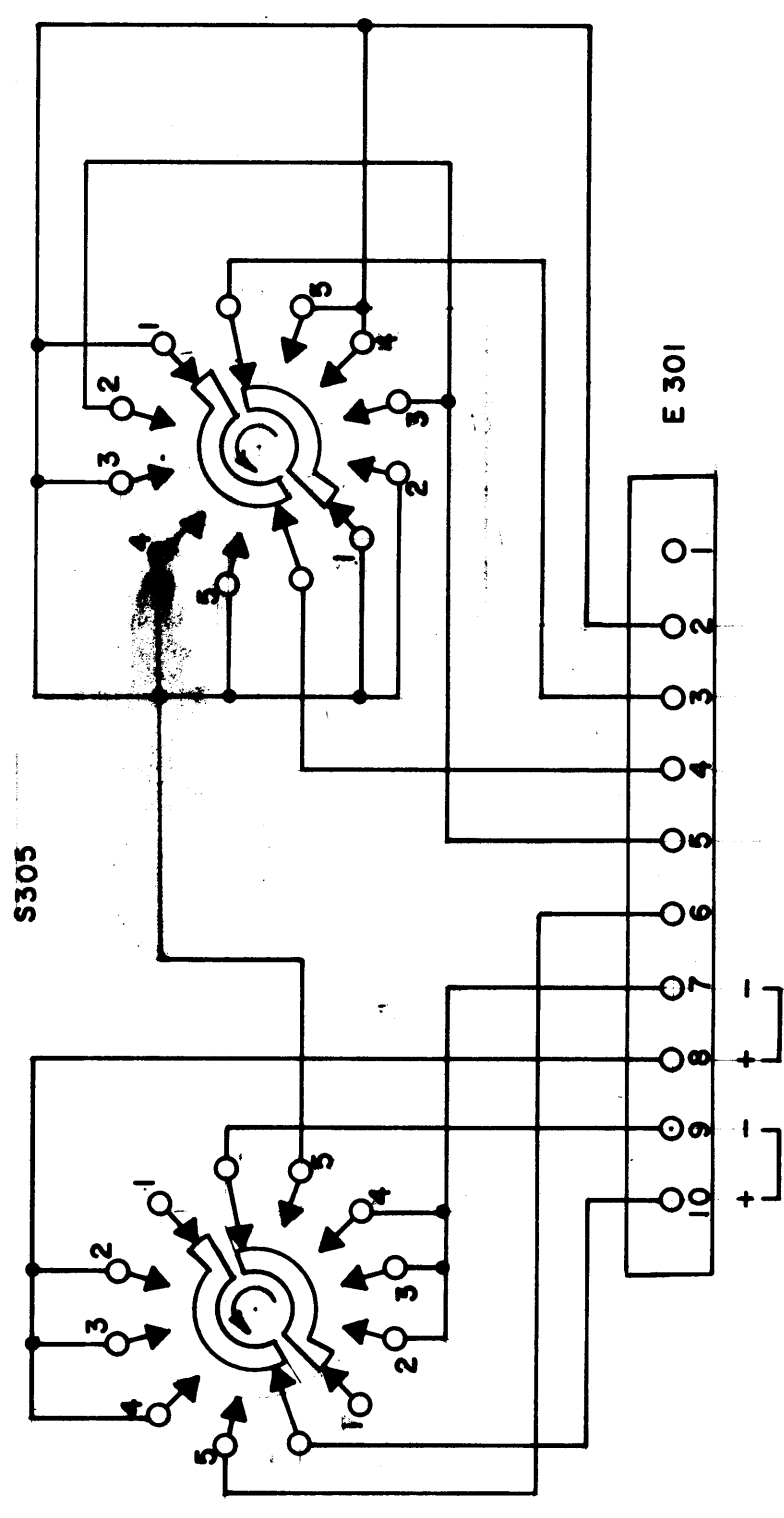
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S300 CHANNEL 2
S301 CHANNEL 1



FRONT SECTION
REAR SECTION



POSITION	FUNCTION
1	SBE,SSB
2	SBE,CW
3	XFK,CW
4	XFK,RTTY
5	XFK,FAX

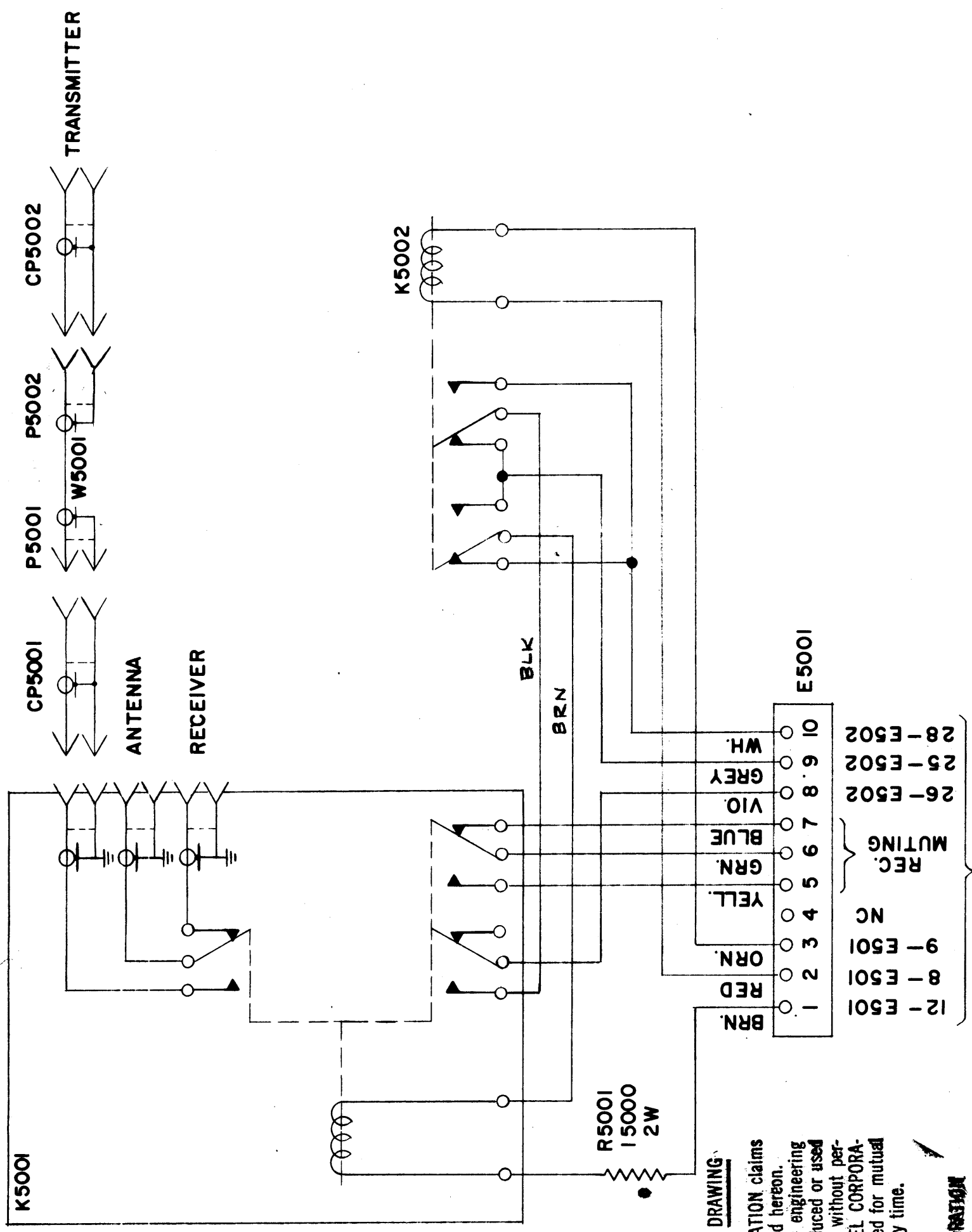
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	S305 WAS S301	9-12-61	5561	1.6	CWS	10
C	TERM 112 WAS BAL. SPARES LINE	9-8-61	5516	1.1	CWS	10
B	IN S301 CHANGED BETWEEN 514	8-24-61	5481	1.1	ELU	10
A	E300 ADDED TO TERMINAL STRIP	5	23	00	ly	10
	JUMPER FROM F TO 10	20	00			
	ADDED					

TOLERANCES
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		SCHEMATIC DIAGRAM	
		MODEL MCP-2	
		IORILLO	
		DRAWN	
		CHECKED	
		TYPE & TEMPER HEAT TREAT. SPEC.	
		DATE	
		ASSY. NO.	
		PROJECT NO.	
		MODEL	
		USED ON	
		DATE	
		10-20-61	
		FINAL APPROVAL	
		CK-413	
		ELEC. DES. APP. MECH. DES. APP.	
		FINI N & SPEC. NO.	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		SCHEMATIC DIAGRAM	
		MODEL MCP-2	
		IORILLO	
		DRAWN	
		CHECKED	
		TYPE & TEMPER HEAT TREAT. SPEC.	
		DATE	
		ASSY. NO.	
		PROJECT NO.	
		MODEL	
		USED ON	
		DATE	
		10-20-61	
		FINAL APPROVAL	
		CK-413	
		ELEC. DES. APP. MECH. DES. APP.	
		FINI N & SPEC. NO.	

CK-452



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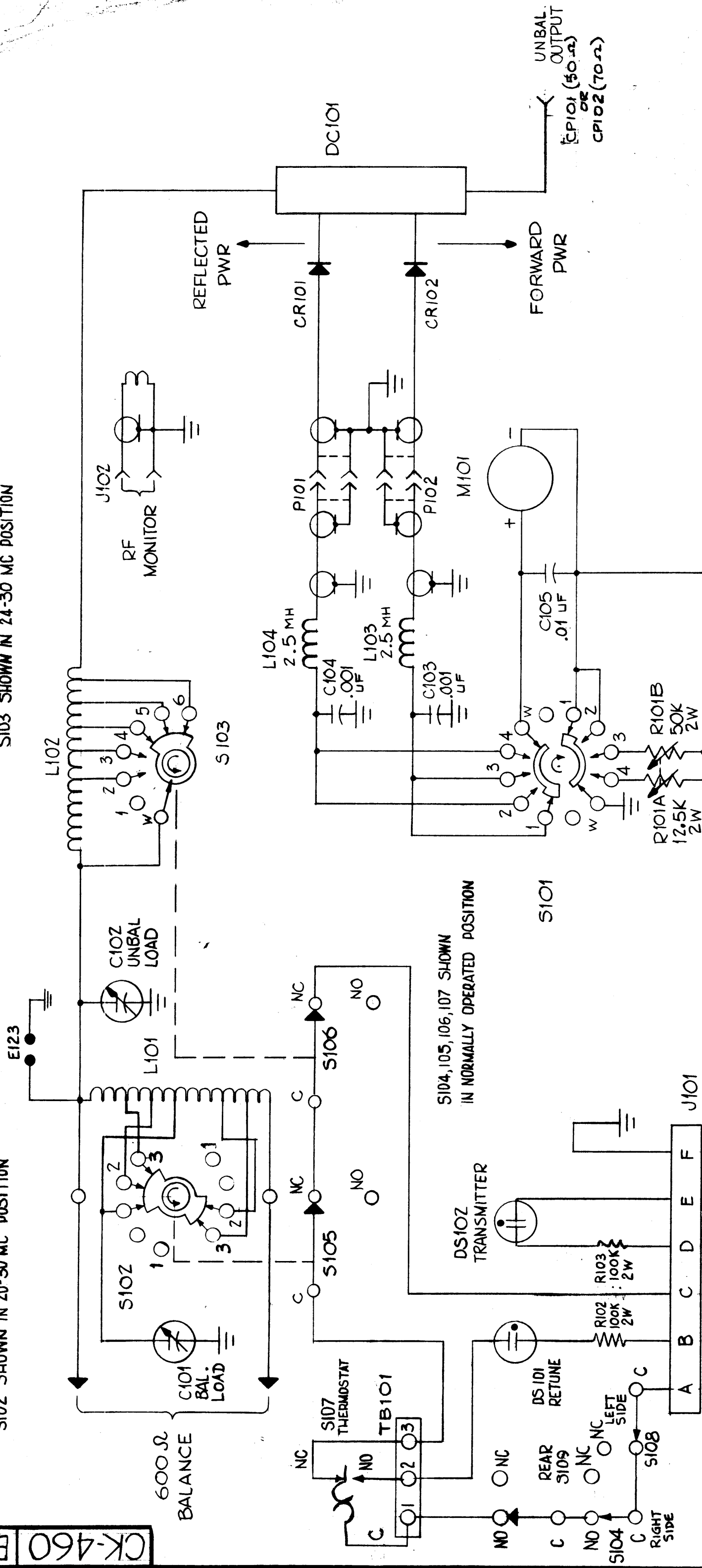
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 MAMARONECK, NEW YORK

GPT-750 ()-2

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	
		MATERIAL	
		TYPE & TEMPER	
		HEAT TREAT. SPEC	
		FINISH & SPEC. NO.	
		FRAN CD	16
		DRAWN	
		CHECKED	
		ELEC. DES. APP.	MECH. DES. APP.
		DATE	
		PROJECT NO.	
		MODEL	
		ASS'Y. NO.	
		USED ON	
		RE PER UNIT	
		SCALE:	
		DATE	
		CH. NO.	
		DRAFTS	
		CHECKER	
		ENG. APP.	
		TOLERANCES	
		DEC. DIM. ±	
		FRAC. DIM. ±	
		ANGULAR DIM. ±	
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
		REMOVE ALL BURRS AND SHARP EDGES	

S102 SHOWN IN 20-30 MC POSITION

S103 SHOWN IN 24-30 MC POSITION



ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
5	CHGD S103 WIRING					
4	ENGD. J103 TO C101 & C102					
3	Added REAR SWITCH	4/21/61	4775		JCB	JCB
2	Added Left Side Switch					
1	Relocated Right Side Switch					
C	HB101 & S107 Added	4-18-61	4717		BU	JCB
B	SYMBOLS: P101, P102 & CABLE GRD. ADDED	11-8-60	9A2A		MG	JCB
A	C103 ADDED	10-19-60	9183		JCB	JCB
	P102 ADDED					
	E123 ADDED					
	C101 BALANCE WAS C101 BALANCE					

	S101	S102	S103
1	FORWARD POWER	2-12 MC	2-3 MC
2	REFLECTED POW.	12-20 MC	3-6 MC
3	CALIBRATE	20-30 MC	6-10 MC
4	SWR		10-15 MC
5			15-24 MC
6			24-30 MC

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK, NEW YORK	
		SCHEMATIC, DIAGRAM	
		ACU (ANTENNA COUPLING UNIT)	
		J.C. Biela	
		CHECKED	
		DRAWN	
		FINAL APPROVAL	
		CK-460	

SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

ISSUE ITEM: CHANGED FROM: DATE: CH. NO.: DRAFTS: CHECKER: ENG. APP.

TOLERANCES: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

REQ. PER UNIT: ACU, MODEL: PROJECT NO.: ABSY. NO.: DATE: USED ON

FINISH & SPEC. NO.: ELEC. DES. APP. MECH. DES. APP.

CK-460

CK-479

S101
MAIN POWER

F102
2 AMP
POWER

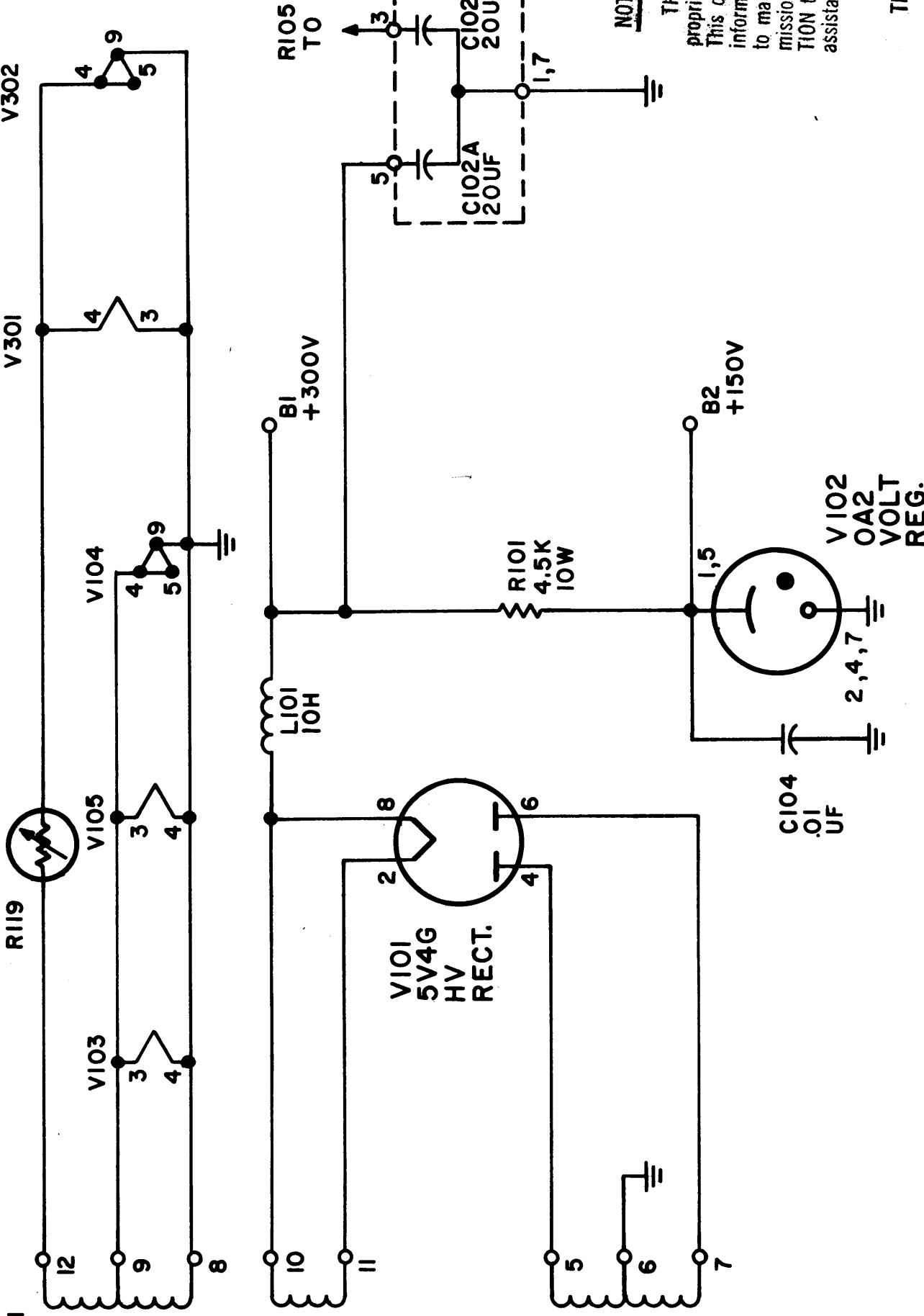
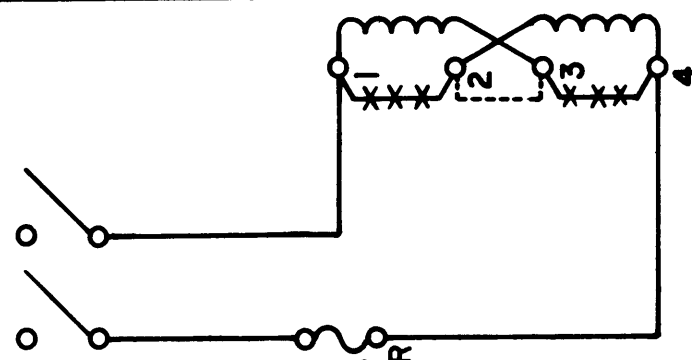
T101

R119

V105

V301

V302



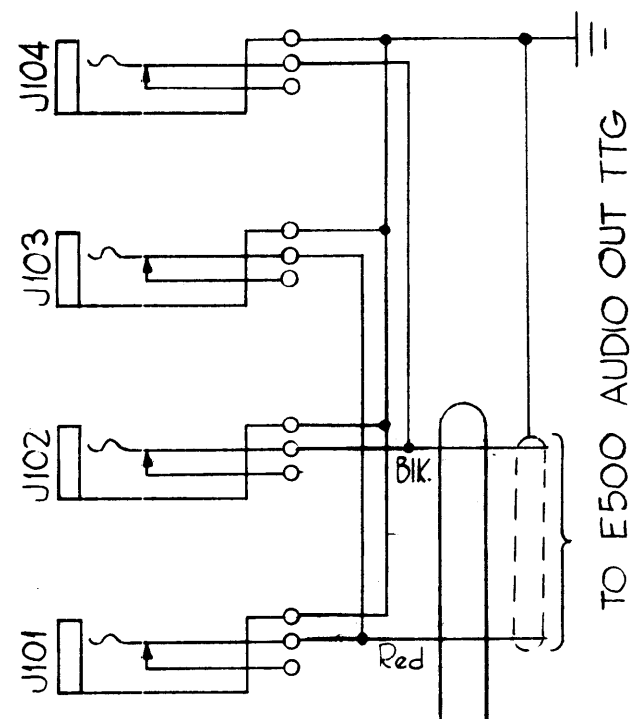
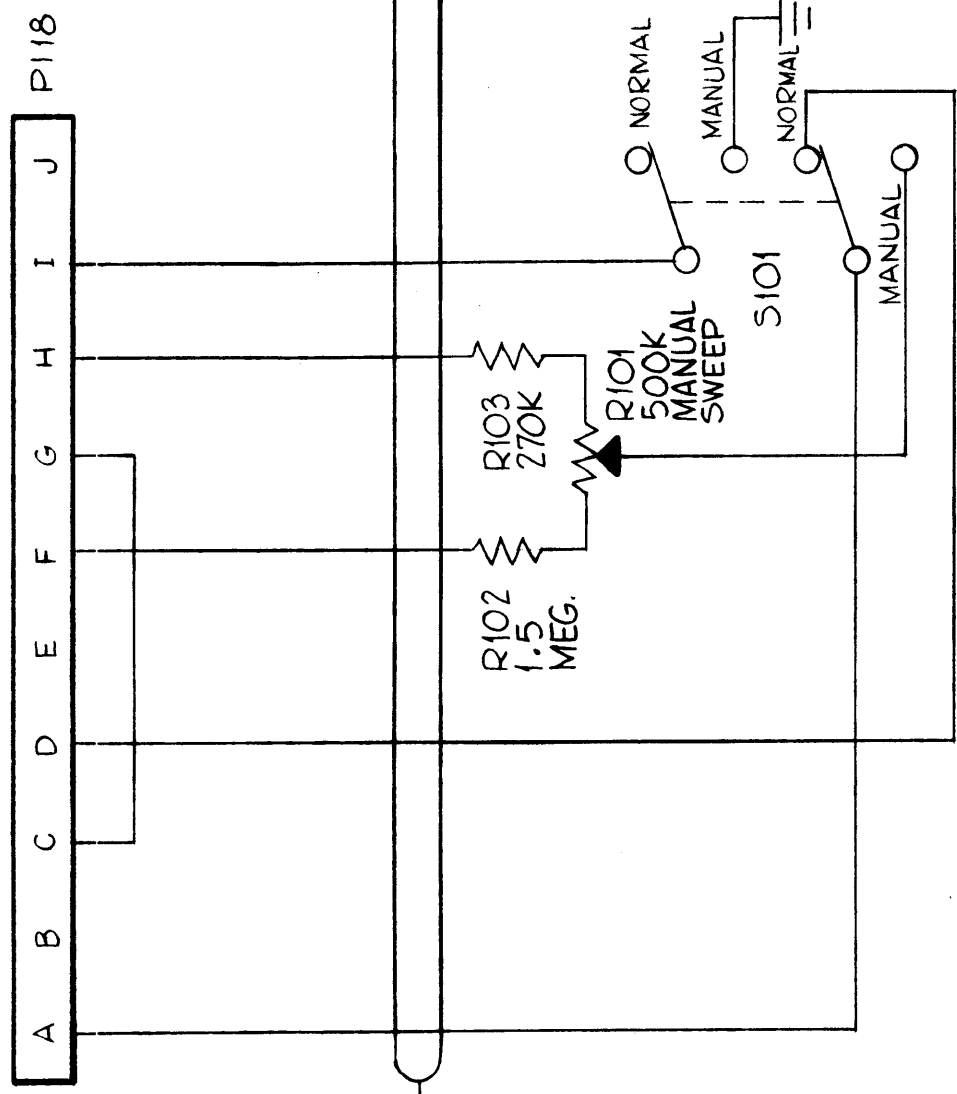
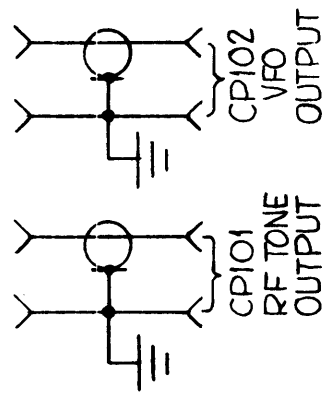
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NOTE
 FOR 220V OPERATION OF T101
 1-REMOVE LEADS MARKED ***
 2-ADD LEAD MARKED ---
 BETWEEN TERMINALS 2 & 3

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		SCHEMATIC, VOX-5	
		POWER SUPPLY	
		R. UZZO	J.C. Biel SPM
		DRAWN	CHECKER
		TYPE & TEMPER	HEAT TREAT. SPEC.
		FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.
		VOX-5	MODEL
		1-19-61	DATE
			SECTION
			ASS'Y. NO.
			USED ON
			REQ. PER UNIT
			SCALE:
			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES
			UNLESS OTHERWISE SPECIFIED:
			DIMENSIONS ARE IN INCHES
			TOLERANCES ON FRACTIONS 1/64 DECIMALS ± .008 ANGLES ± 1/20

CK-490 B



TO E500 AUDIO OUT TTG

UNLESS OTHERWISE SPECIFIED:

ALL RESISTORS ARE 1/2 WATT.
SWITCH SHOWN IN NORMAL POSITION.

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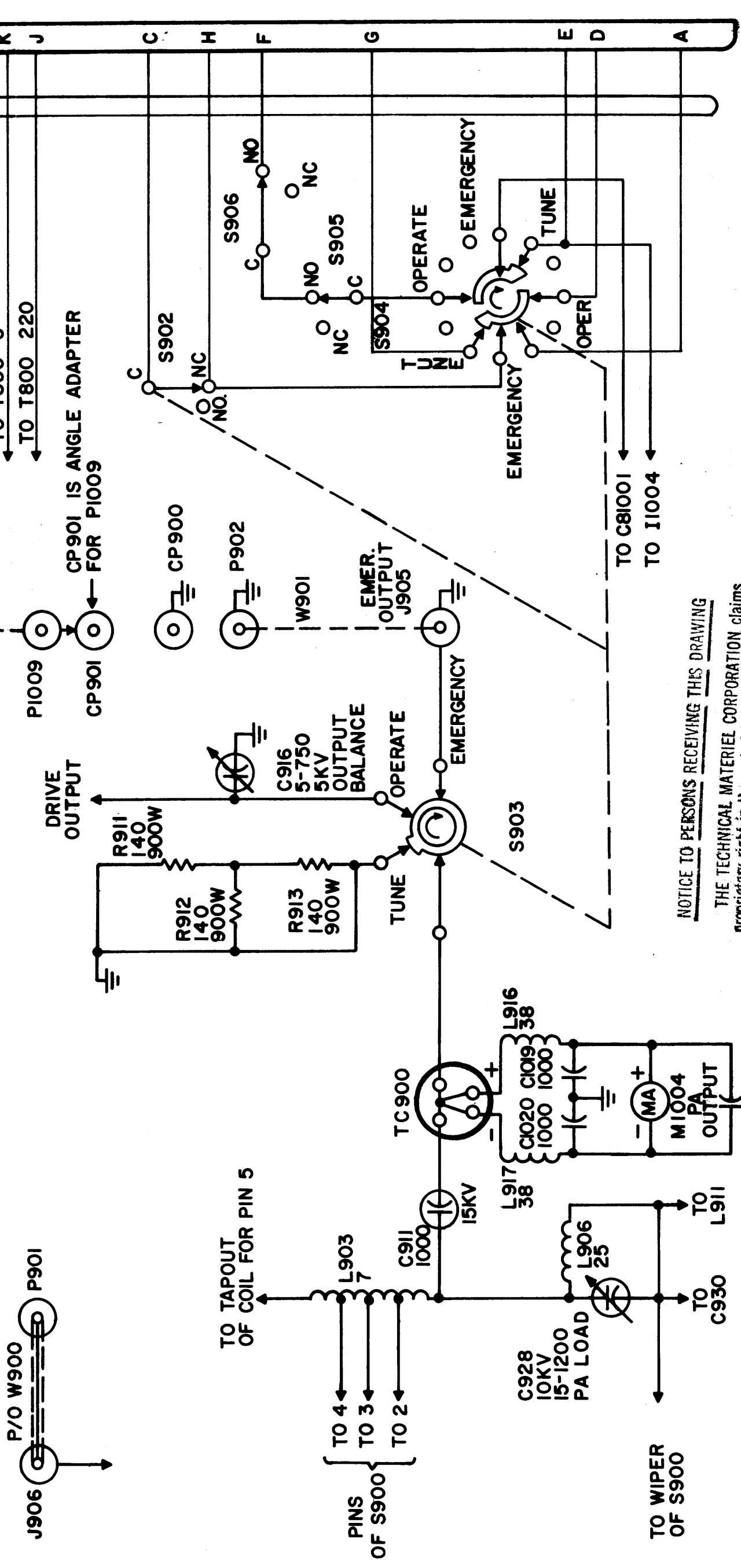
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MAMARONECK, NEW YORK

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	J102 + J103 SYMBOLS REVERSED	5-29-61	4966	282	905	[Signature]
A	Colors Red + Blk added to E500 leads	5-15-61	4897	1871	225	[Signature]
UNLESS OTHERWISE SPECIFIED:		SCALE:				
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
TOLERANCES ON FRACTIONS ± 1/64		DECIMALS ± .008				
ANGLES ± 1/20		REMOVE ALL BURRS AND SHARP EDGES				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		SCHMATIC, DIAGRAM (AX-248)	
		John C. Biele DRAWN	U.R.P. FINAL APPROVAL
		John C. Biele CHECKER	
		TYPE & TEMPER	HEAT TREAT. SPEC.
		FINISH & SPEC. NO.	CK-490 B
		ELEC. DES. APP. MECH. DES. APP.	

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
	PTE-3	AX-248		3-7-61
USED ON				

CK-495



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REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		SHEMATIC DIAGRAM PA SECTION	
		ADDENDUM FIELD EQUIPMENT	
	UZZO	DRAWN	UZZO
		CHECKED	
		FINAL APPROVAL	
		ELEC. DES. APP. MECH. DES. APP.	CK-495
		FINISH & SPEC. NO.	
		TYPE & TEMPER. HEAT TREAT. SPEC.	
		DATE	3-29-61
		ASSY. NO.	
		PROJECT NO.	GPT-40K
		MODEL	AX-215
		REQ. PER UNIT	1
		USED ON	
<p>ISSUE ITEM</p> <p>DATE</p> <p>CH. NO.</p> <p>DRAFTS</p> <p>CHECKER</p> <p>ENG. APP.</p>			
<p>TOLERANCES</p> <p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p>			
<p>DEC. DIM. ±</p> <p>FRAC. DIM. ±</p> <p>ANGULAR DIM. ±</p>			