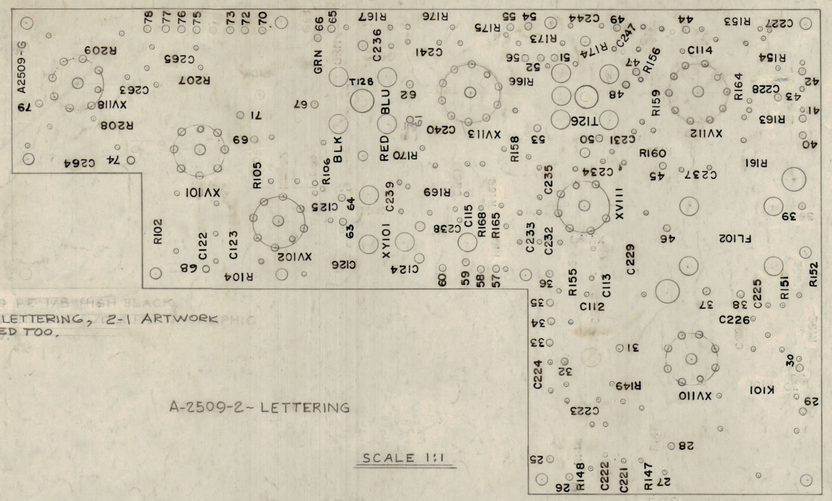


NOTE:
ANY CHANGES ON LETTERING, 2-1 ARTWORK SHOULD BE UPDATED TOO.

A-2509-2~ LETTERING

SCALE 1:1

LETTERING: 3/32 HIGH BLACK, GOTHIC
LOCATED AS SHOWN.
MARKING METHOD: TMC SPEC. S727

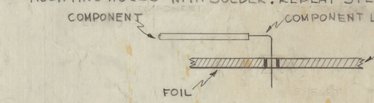
A-2509-3-SUB-ASS'Y

SCALE 1:1

REVISIONS						
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
A2	A	ITEM (2) WAS 1-REQ. (CLARIFIED)	2-21-63	8327			
F8, E9	B	ON A-2509-2, R149 WAS C149 ON A-2509-4, STUD W6 ADDED	2-27-63	8403			
—	C	SEE SHEET (1) OF (2) REVISION "B"					
—	C	DWG UPDATED & CLARIFIED PER EMN NO. 10200	11/1/63	10200			
—	D	DWG UPDATED & CLARIFIED	12/9/63	10767			
—	E	REVISED & UPDATED PER EMN 11054	3-26-64	11054	MB		
—	F	ITEMS: 4, 6, 42 & 44 QTY CHG.; ITEM 17 WAS 124K ITEMS 49 ADDED; C125, V101, V118 RELOCATED	4-23-64	11277	A.M.		
B3, D3	G	IT. 5 WAS 7 REQ., IT 28. WAS RC20GF680K	6-16-64	11588	MB		
—	H	SEE SHEET 1 OF 3	7-24-64	11738	MB		

~ASSEMBLY NOTICE~

1~ TO MOUNT COMPONENTS - INSERT LEAD THROUGH PLATED-THRU HOLES & BEND ABOUT 1/16" OF LEAD OVER COPPER FOIL AS SHOWN.
2~ APPLY HEAT & SOLDER TO LEAD AND FOIL - CAUTION - TOO MUCH HEAT WILL CAUSE THE FOIL TO SEPARATE FROM THE BOARD.
3~ CLEAN & INSPECT AS PER S-676
4~ MOUNT TUBE SOCKETS ON FOIL SIDE OF BOARD. FILL-IN PLATED-THRU MOUNTING HOLES WITH SOLDER. REPEAT STEP 3



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
2	49	TS160-2	SOCKET, ELEC. TUBE, 7 PIN	V118-V101
1	48	NTH0440BNG	NUT, HEX	
1	47	LWS04MRN	LOCKWASHER, SPRING TYPE	
1	46	SCBP0440BN8	SCREW, MACHINE	
1	45	CU-149-1	HOLDER, XTAL	
1	44	TS-104-2	SOCKET, XTAL	XY101
X	43	BS-100	SOLDER, SOFT	
3	42	TS-160-1	SOCKET, ELECTRON TUBE, 7-PIN P/C	V102, V110, V111
2	41	TS-161-1	SOCKET, ELECTRON TUBE, 9PIN P/C	V112, V113
54	40	TE-127-5	TERMINAL, TURRET	
	39			
	38			
1	37	RL142	RELAY, MINIATURE	K101
1	36	RC42GF271K	RESISTOR, FIXED, COMPOSITION	R209
1	35	RC42GF220K		R102
1	34	RC32GF823K		R164
1	33	272K		R176
1	32	472K		R170
1	31	RC32GF222K		R158
1	30	RC20GF824K		R105
1	29	RC20GF823K		R163
1	28	RC32GF562K		R207
1	27	RC20GF563K		R174
2	26	473K		R151, R180
1	25	472K		R169
1	24	470K		R168
1	23	273K		R173
1	22	RC20GF224K		R208
1	21	RC42GF222K		R152
2	20	RC20GF184K		R155, R165
1	19	181K		R167
2	18	154K		R147, R153
1	17	473K		R175
1	16	123K		R159
2	15	121K		R143, R156
2	14	105K		R104, R126
3	13	104K		
1	12	RC20GF100K	RESISTOR, FIXED, COMPOSITION	R166
1	11	CM-15D221J	CAPACITOR FIXED, MICA	C126
1	10	CM-15C151J	CAPACITOR, FIXED, MICA	C221
1	9	CE-105-25-50	CAPACITOR, ELECTROLYTIC	C264
8	8	CC-100-32	CAPACITOR, FIXED, CERAMIC	
1	7	-10		C265
4	6	-29		
6	5	-24		
3	4	-16		
3	3	CC-100-15		
3	2	CC-26SL101K		C229, 237, 240
1	1	CC-21SL050C	CAPACITOR, FIXED, CERAMIC	C123

R148 R154 R161

C122 C224 C226 C233 C235 C236 C241 C247

C232 C112 C113 C115

C231 C234 C238 C239 C263 C114

C125 C225 C244

C222 C227 C228

STRUMER

LIST OF MATERIAL

MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK
FINISH	TITLE: PRINTED CIRCUIT ED. ASSY (TOP VIEW SHOWN)
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN V.R.R. DATE 9-20-62; FINAL APPROVAL DATE
DECIMALS X ± .05, .XX ± .01, .XXX ± .005 TOLERANCES FRACTIONS ± 1/64 ANGLES ± 0° 30'	CHECKED DATE 1/14/63; ELECT. DES. DATE 10-25-62; MECH. DES. DATE 12-11-63
	SIZE A-2509 REV. H; SHEET 3 OF 3

1 QTY./UNIT | GPR-92 MODEL USED ON | ASSY. NO.

SCALE 2:1 & NOTED | CODE

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NOTES

A-2509-4 ELECTRICAL ASSY
(TOP VIEW SHOWN)
REF: SHT 2 OF 3

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TMC FORM 111