

REVISIONS							
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD.
#	X1	SEE SHEET-2 REV. X1	3/30/64	1	JL		902
#	X2	5 5/8 # 8 3/8 DIM. ADDED	6.15.64	X2	A.M.		
#	X3	SEE SHEET 2 OF 2 FOR REVISION	6.19.64	X3	A.M.		
#	Ø	ORIGINAL RELEASE FOR PRODUCTION	6/25/64	Ø	A.M.		
-	A	TMC 5735 ADDED, COND. PATTERN WAS GOLD PLATED ON MACHINING 5/32 WAS 3/16 & 5/16 WAS 6	10-19-64	12607	W3		902
-	B	SEE SHEET 2 OF 2 REV. "B"	12-10-64	13093	2 F.		
-	C	NOTE ③ ADDED SEE SHEET #2	5-18-64	14099	CJL		
-	D	SEE SHEET (2)	12-28-66	17573	G.D.L.		

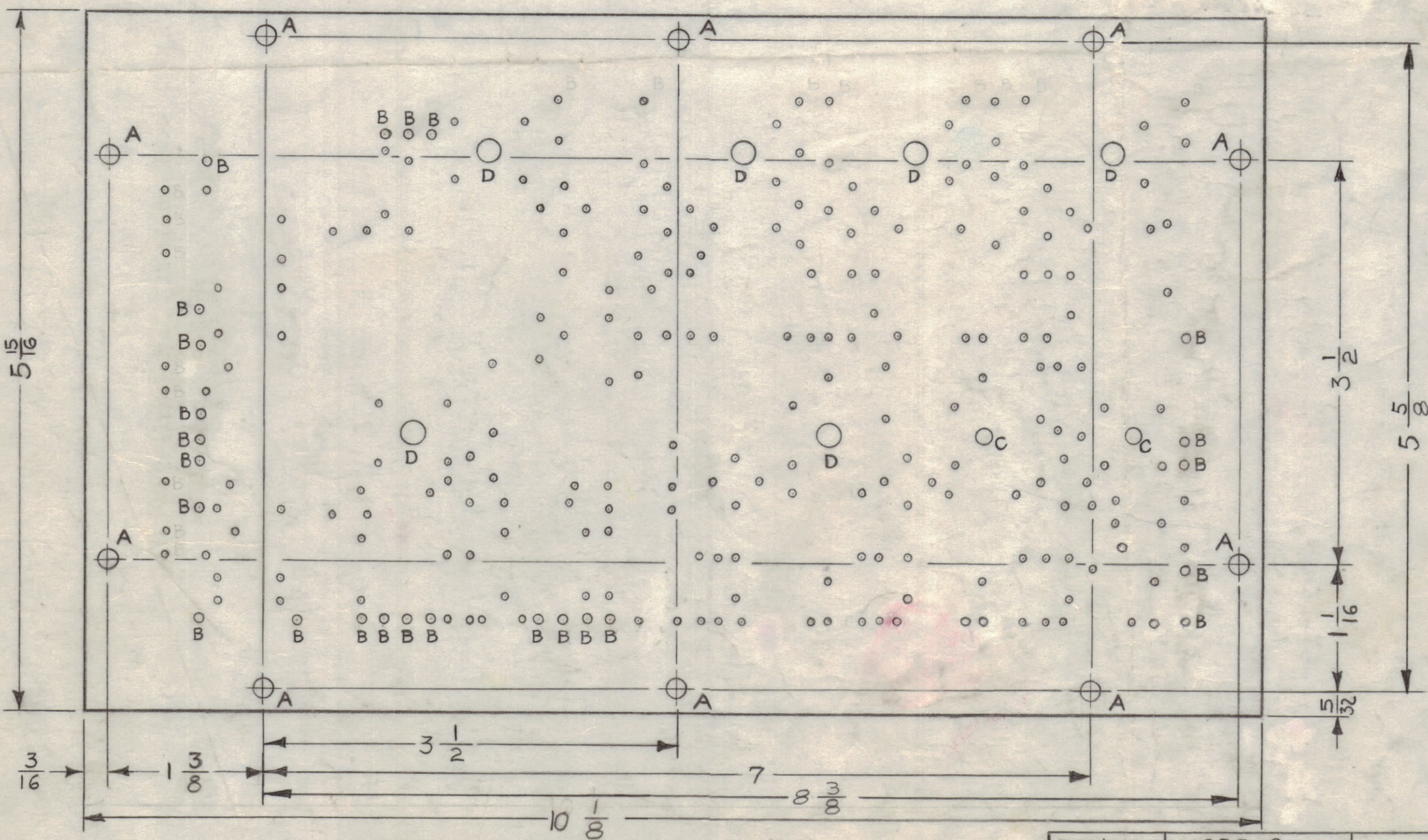
ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKET WHEN PHOTOGRAPHING

ETCHING (A 3445-1)

HOLE & PAD SPECIFICATIONS			
HOLE	DIA	PAD DIA	REQ'D
UNMARKED	.052	.130	230
A	11/64	—	10
B	.076	.130	25
C	.167	.350	2
D	.196	.500	6

- NOTES: TO BE MANUFACTURED IN ACCORDANCE WITH T.M.C SPEC * S-735 & SPECIFICALLY:
- ALL HOLES EXCEPT "A" MTG. HOLES TO BE "PLATED THROUGH", UNLESS OTHERWISE SPECIFIED.
 - CONDUCTIVE PATTERN SHALL BE SOLDER COATED (P.P. 13.2.1)
 - FOR SPARE PART USE ON MODEL VLFC-1, SER.# 22375, 23542, 23630, 17625, 17655, 19192, 19498, BOARD THICKNESS MUST BE .093 (3/32) ± .0075.

ORIGINAL ARTWORK TO BE SUPPLIED BY TMC FOR PHOTOGRAPHING (SCALE 1:1)



MACHINING (A 3445-2)

NOTES

1	CSS-2	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE 1:1	CODE A	
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		

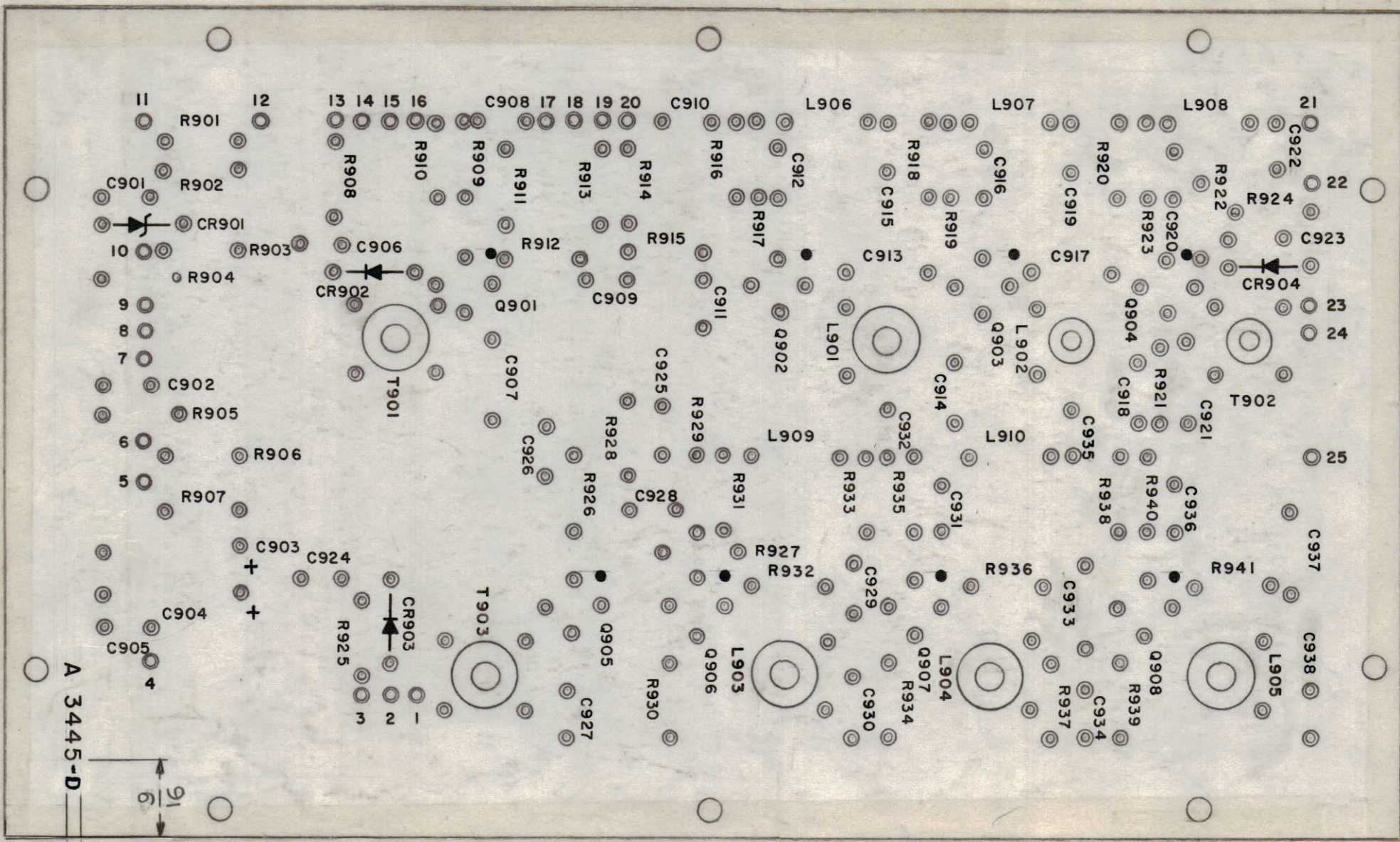
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
M. GELLMAN LIST OF MATERIAL				
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		PRINTED CIRCUIT BOARD ASSY.		
SEE NOTE #1		SEE NOTE #1		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>h. hites</i> DATE 1-27-64 FINAL APPROVAL DATE		
DECIMALS X ± .05 XX ± .01 XXX ± .005		CHECKED <i>W</i> DATE 6-17-64		
TOLERANCES ± 1/64 ANGLES ± 0° 30'		ELECT. DES. DATE		
		MECH. DES. DATE		
		SHEET 1 OF 2		
		REV. LTR.		

A 3445 D

- UNLESS OTHERWISE SPECIFIED -
 1- ALL LETTERING TO BE 5/64 BLACK GOTHIC,
 DID STROKE LOCATED APPROX. AS SHOWN.
 2- MARKING PROCESS: AS PER TMC SPEC. ST27.
 3- MARK TMC PART NO. WITH LATEST REVISION LETTER.

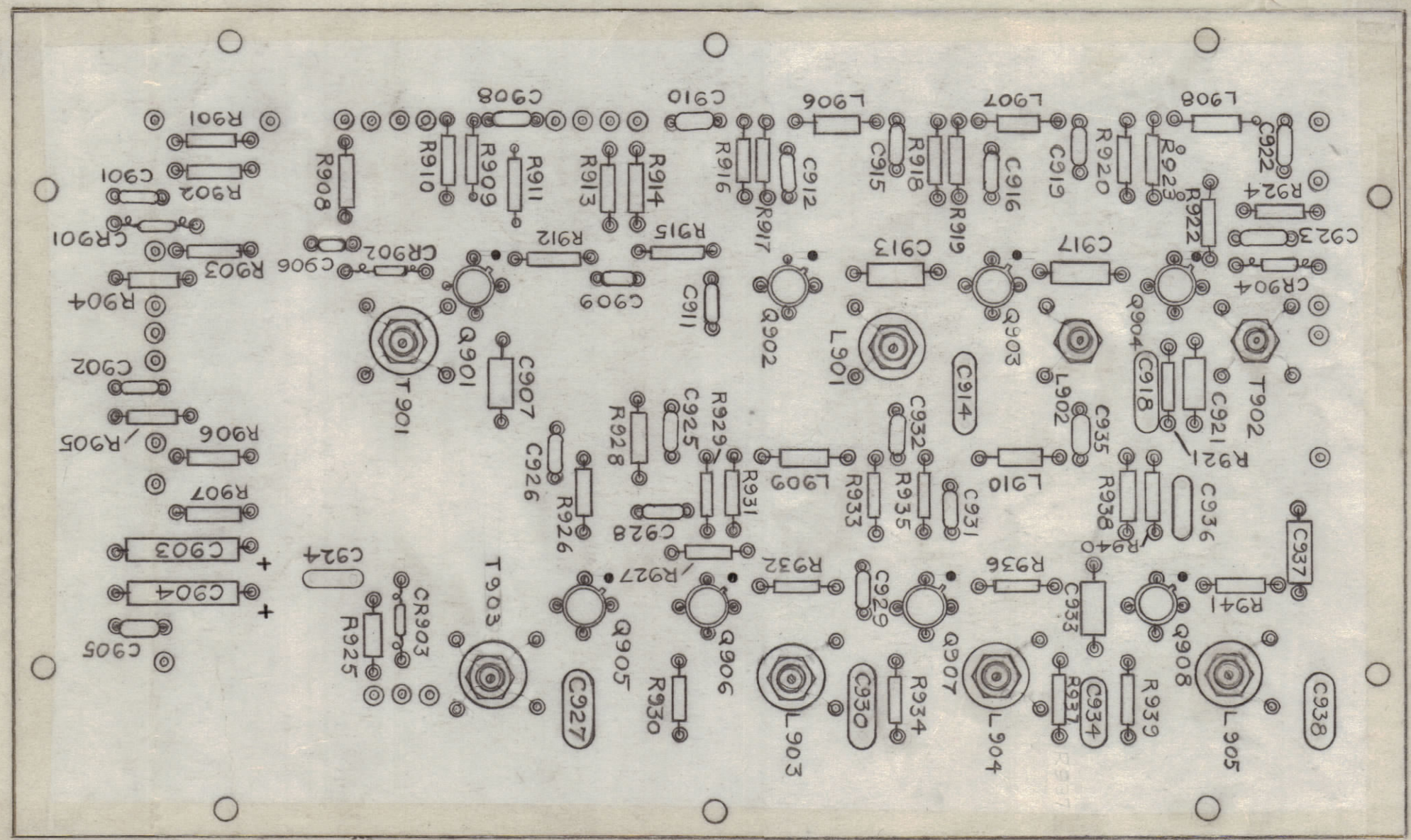
SEE SHEET#
 IT.46 WAS TE-168-4C
 5/18/65 14-099 CIL
 D ITEMS 40 THRU 44 & ITEM 48 UPDATED 12-28-66 17573 GDL

		REVISIONS					
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
		ORIGINAL RELEASE FOR PRODUCTION					
ALL	A	CHANGED AS PER EMN # 12607	10.19.64	12607	ASB		
	B	CHANGED AS PER EMN # 13093	12-10-64	13093			
1	52	CM15F361J					C913
1	51	A3617-2					T503
1	50	A3617-1					T901
1	49	A3616-1					T902
1	48	RN60D5903F					R901
3	47	CC100-33					
25	46	TE-168-4D					B
1	45	IN3157A					CR901
1	44	CM111F102F55					C918
1	43	CM112F202G55					C914
3	42	F512F35					
1	41	F622G35					C934
1	40	CM112F103F15					C930
1	39	CM15F201J					C937
1	38	F271J					C921
1	37	F301J					C917
1	36	F331J					C907
1	35	CM15F511J					C933
2	34	CC100-29					C905 C911
2	33	CC100-14					C926 C936
5	32	CL275-101					
8	31	2N1224					
3	30	1N39B					
2	29	CE107-1					C903 C904
16	28	CC100-35					
1	27	CL283-8					L905
2	26	CL283-10					L903,904
1	25	CL337-1					L902
1	24	CL283-5					L901
1	23	RC20GF391J					R904
1	22	822J					R903
1	21	474J					R907
1	20	823J					R911
3	19	473J					
4	18	333J					
1	17	153J					R918
4	16	103K					
1	15	682J					R906
2	14	472J					R931 R933
1	13	332J					R920
1	12	222K					R935
1	11	222J					R910
1	10	152K					R919
7	9	102K					
2	8	821K					R917 R902 R905 R926
2	7	471J					R940
1	6	331K					R923
1	5	221K					R909
1	4	121J					R927
1	3	101K					R922
1	2	680J					
1	1	RC20GF750J					R913



LETTERING THIS SIDE
 MOUNT IN "B" HOLES
 46
 SUB-ASSY (A 3445-4)

- L906 THRU L910
- Q901 THRU Q908
- CR902, CR903, CR904
- C906, C908, C910, C912, C915, C916, C919, C920, C922, C923, C925, C928, C931, C932, C935, C939



- R908, R924, R925
- R921, R930, R934, R939
- R916, R929, R937, R938
- R912, R914, R915, R941, R928, R932, R936,

ASSEMBLY NOTICE
 1. TO MOUNT COMPONENTS, INSERT LEAD THRU PLATED-THRU HOLES & BEND ABOUT 1/16 OF LEAD OVER COPPER FOIL AS SHOWN.
 2. APPLY HEAT TO LEAD & FOIL, SOLDER. CAUTION: TOO MUCH HEAT WILL CAUSE FOIL TO SEPARATE FROM THE BOARD.
 3. CLEAN & INSPECT PER TMC SPEC. S-676
 4. FUNGUS PROOFING PER TMC SPECIFICATION S-113

NOTES
 COMPONENT LEAD
 BOARD
 FOIL

CSS-2	
Q'TY./UNIT	MODEL USED ON
SCALE 1:1	ASS'Y. NO.
	CODE A
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M. GELLMAN		LIST OF MATERIAL	
MATERIAL #		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH #		TITLE PRINTED CIRCUIT BOARD ASSY.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	DRAWN: <i>M. Gellman</i> DATE: 1-30-64 CHECKED: <i>[Signature]</i> DATE: 1-31-64 ELECT. DES. DATE: <i>[Signature]</i> MECH. DES. DATE: 1-31-64 FINAL APPROVAL: <i>[Signature]</i> DATE: <i>[Signature]</i> A 3445 - D SHEET 2 OF 2 REV. LTR.