

KMCU-1 MODIFICATION KIT

MODEL KIT-224

TITLE

MODEL	USED ON SECTION	QTY
GPT-10K-AT7		1

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.

SEE BELOW

NONE
1-5
6
6
NONE
NONE

LAST SYMBOLS

C3026
P3055
TB3001
C954
R917

COMPILED H. SCHUCKER 2/11/65

CHECKED L. GABEL

APPROVED F. BUDETTI

FNL APPR *L. Gabel*

ISS DATE 3-18-65

MISSING SYMBOLS

NONE

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A B C D

MODEL: KIT-224

SHEET 1 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
BS100	SOLDER, TIN ALY	CA1028					
		CA1029					
		CA1030					
		CA1031					
CD101-1MW	CD, NYLON, LACING	CA1028					
		CA1029					
		CA1030					
		CA1031					
CM15C200J	CAP., FXD, MICA	KIT-224			1	C954	
CM20F102G	CAP., FXD, MICA	KIT-224		4		C3019, 3020, 3021, 3022	
		KIT-224		3	7	C3023, 3024, 3026	
CU102-2	CLAMP, LOOP-3/16D	CA1030			1		
CU102-4	CLAMP, LOOP-1/4D	CA1031			1		
CU161	RET., CONN.	KIT-224			1		
DRILL-9/64	DRILL, TWIST-9/64	KIT-224			1		
DRILL-5/16	DRILL, TWIST-5/16	KIT-224			1		
DRILL-3/8	DRILL, TWIST-3/8	KIT-224			1		
DRILL-NO.36	DRILL, TWIST-NO.36	KIT-224			1		
JJ119-2	CONN, RECP, FML	CA1028			1	J2708	
LA107-8-TO-J101	SLV, MARKER, CBL	CA1031			1		
LA107-10-TO-J102	SLV, MARKER, CBL	CA1031			1		
LA107-8-P3056	SLV, MARKER, CBL	CA1031			1		
LA107-9-J2708	SLV, MARKER, CBL	CA1031			1		
LA107-13-TB102	SLV, MARKER, CBL	CA1031			1		
LD1745/MS4267	COV, TERM. BD	KIT-224			1		
LWE04MRN	WASH., LK, EXT	KIT-224			9		

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MAMARONECK, NEW YORK

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LWE06MRN	WASH. ,LK,EXT	CA1030		1			
		CA1031		1			
		KIT-224		2	4		
MS154-1	PL,MTG,TERM.BD	KIT-224			2		
MS3057-6	CLP,CBL,EL CONN	CA1031			1		
MS3057-8	CLP,CBL,EL CONN	CA581-1			1		
MS3057-12	CLP,CBL,EL CONN	CA1030			1		
MS3102A20-27S	CONN,RECP,FML	CA1029			1	J1010	14/C
MS3106A14S-2S	CONN,RECP,FML	CA1031			1	P3058	4/C
MS3106A16S5S	CONN,PL,FML	CA581-1			1		3/C
MS3106B20-27P	CONN,PL,ML	CA1030			1	P3054	14/C
MS3420-4A	BUSH. ,RUB.	CA1031			1		
MS3420-6A	BUSH. ,RUB.	CA581-1		1			
		CA1030		1	2		
MS3420-8A	BUSH. ,RUB.	CA1030			1		
MS4267	COV,TERM.BD	LD1745			1		
MWC22/7/SJ0	CBL,SP,SHLD/JKT	CA1031			102		
MWC22/7/SJ2	CBL,SP,SHLD/JKT	CA1031			101		
MWC22/7/U0	WIRE,ELEC,INS	CA1031			94		
MWC22/7/U1	WIRE,ELEC,INS	CA1031			136		
MWC22/7/U2	WIRE,ELEC,INS	CA1031			101		
MWC22/7/U3	WIRE,ELEC,INS	CA1028			12		

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SHEET 3 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC22/7/U4	WIRE,ELEC,INS	CA1031			96		
MWC22/7/U5	WIRE,ELEC,INS	CA1031			96		
MWC22/7/U6	WIRE,ELEC,INS	CA1031			97		
MWC22/7/U7	WIRE,ELEC,INS	CA1029 CA1030 CA1031		79 32 97	208		
MWC22/7/U91	WIRE,ELEC,INS	CA1031			135		
MWC22/7/U93	WIRE,ELEC,INS	CA1028			45		
MWC22/7/U95	WIRE,ELEC,INS	CA1031			73		
MWC22/7/U97	WIRE,ELEC,INS	CA1029 CA1030 CA1031		79 32 74	185		
NP360-5	PLATE,IDENT-COML	KIT-224			1		
NP360-6	PLATE,IDENT-COML	KIT-224			1		
NP362-25	PLATE,IDENT-COML	KIT-224			1		
NTH0440BN6	NUT,PLN,HEX	KIT-224			11		
NTH0632BN8	NUT,PLN,HEX	CA1030 CA1031		1 1	2		
PL105-1	CONN,PL,ML	CA1031			1	P3059	
PL169	CONN,PL,RF,BNC	CA1031 KIT-224		2 1	3	P3055	
PL171	CONN,PL,ML,AC	CA581-1			1		2/C,TWLK

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SHEET 4 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PX100-1-133	INS SLVG-SZ 8	CA1028		6			BLK
		CA1029		31			BLK
		CA1031		79	116		BLK
PX100-1-166	INS SLVG-SZ 6	CA1031			9		BLK
PX100-1-208	INS SLVG-SZ 4	CA1029		41			BLK
		CA1030		26			BLK
		CA1031		5	72		BLK
PX100-1-294	INS SLVG-SZ 1	CA1031			26		BLK
PX100-1-438	INS SLVG-SZ 7/16	CA1031			61		BLK
PX337-8	INS , TERM. BD	KIT-224			1		
PX830-10-1	INS SLVG, SHRINK	CA1028		1			BLK
		CA1029		2			BLK
		CA1031		1	4		BLK
PX830-12-1	INS SLVG, SHRINK	CA1029		1			BLK
		CA1030		1			BLK
		CA1031		3			BLK
		KIT-224		18	23		BLK
RC20GF121K RG174/U	RES , FXD , COMP CBL , RF	KIT-224			1	R917	
		CA1029		49			
		CA1030		33			
		CA1031		173			
		KIT-224		42	297		
RC20GF471K RG188/U	RES , FXD , COMP CBL , RF	KIT-224			1	R902	
SCBP0440BN4	SCR , MACH	KIT-224			60		
SCBP0440BN5	SCR , MACH	KIT-224			1		
		KIT-224			2		
SCBP0440BN6	SCR , MACH	KIT-224			4		
SCBP0440BN10	SCR , MACH	KIT-224			4		

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SHEET 5 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SCBP0632BN6	SCR, MACH	CA1030		1			
		CA1031		1			
		KIT-224		2	4		
TA100-1	INS TAPE, EL-PLST	CA1029		6			
		CA1030		12			
		CA1031		36	54		
TAP-0632	TAP, 0632, UNC	KIT-224			1		
TE104-1	TERM., LUG-LKG	KIT-224			2		NO. 4
TM100-8	TERM., BD-BARR	KIT-224			1	TB3001	
TM105-14AL	TERM. BD-FNG	CA1031			1		
TM105-8AL	TERM. BD-FNG	CA1030			1		
TP113K-11/16	PUNCH/DIE, KO	KIT-224			1		
TP113K-1-5/16	PUNCH/DIE, KO	KIT-224			1		
TP131-1-ALARM	RUB. STAMP, FXD	KIT-224			1		
TP131-1-C3019	RUB. STAMP, FXD	KIT-224			1		
TP131-1-C3020	RUB. STAMP, FXD	KIT-224			1		
TP131-1-C3021	RUB. STAMP, FXD	KIT-224			1		
TP131-1-C3022	RUB. STAMP, FXD	KIT-224			1		
TP131-1-C3023	RUB. STAMP, FXD	KIT-224			1		
TP131-1-C3024	RUB. STAMP, FXD	KIT-224			1		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TP131-1-C3026	RUB. STAMP, FXD	KIT-224			1		
TP131-1-E3001	RUB. STAMP, FXD	KIT-224			1		
TP131-1-J1010	RUB. STAMP, FXD	KIT-224			1		
TP131-1-J2708	RUB. STAMP, FXD	KIT-224			1		
TP131-1-ON-AIR	RUB. STAMP, FXD	KIT-224			1		
TP131-1-P3054	RUB. STAMP, FXD	KIT-224			1		
TP131-1-READY	RUB. STAMP, FXD	KIT-224			1		
TP131-2-COM	RUB. STAMP, FXD,	KIT-224			1		
TP131-2-FAIL	RUB. STAMP, FXD	KIT-224			1		
TP131-2-GRD	RUB. STAMP, FXD	KIT-224			1		
TP131-2-LTS	RUB. STAMP, FXD	KIT-224			1		
TP131-2-1/2	RUB. STAMP, FXD	KIT-224			1		
TP131-2-3/4	RUB. STAMP, FXD	KIT-224			1		
TP131-2-5/6	RUB. STAMP, FXD	KIT-224			1		
TP131-2-7/8	RUB. STAMP, FXD	KIT-224			1		
UG274*/U	ADPT, CONN-BNC, T	KIT-224			1		
UG492*/U	ADPT, CONN-BNC	KIT-224			1		
WI134-2-12	CBL, PWR 2/C, GLD	CA581-1			1		
WL100-4	WIRE, ELEC, BUSS	KIT-224			9		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
WL100-7	WIRE,ELEC,BUSS	KIT-224			6		
	SUPP ASSY/REF DWGS						
CA581-1	CBL ASSY,PWR,AC	KIT-224			1		
CA1028	WRG HARN,BRCHD	KIT-224			1		
CA1029	WRG HARN,BRCHD	KIT-224			1		
CA1030	WRG HARN,BRCHD	KIT-224			1		
CA1031	WRG HARN,BRCHD	KIT-224			1		
CH450	CHART,UNIT BKDN	KIT-224			1		
CK925	DIAG,WRG	KIT-224			1		
	SPECIFICATIONS						
S404	IRIDITE,YEL	MS4267					
IN4028K	INSTL INST MAN.	KIT-224			1		

REVISION SHEET

**THE TECHNICAL MATERIEL CORP.
MAMARONECK
NEW YORK**

KIT-224

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
5/20/65	A	1,3,4	14097	Revised per EMN	<i>[Signature]</i>
7/28/65	B	-----	14456	Revised sheets cover, 1, 4 per EMN	<i>[Signature]</i>
1/5/66	C	5,6	15510	Revised per EMN	<i>[Signature]</i>
2/10/66	D	ALL	15733	Revised per EMN	<i>[Signature]</i>