

SWCU-1 MOD KIT  
TITLE

MODEL KIT-161

MODEL	USED ON SECTION	QTY
GPT-10K		

## 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

- 1  
1-7  
7  
7-8

## LAST SYMBOLS

C1043 TB3000-1  
DC900 R1010  
J3000  
L1006  
M1004  
P3053  
S1018

COMPILED H. SCHUCKER 4-5-65  
CHECKED L. GABEL 4-20-65  
APPROVED F. BUDETTI  
FNL APPR *L. Gabel*  
ISS DATE 6-21-65

## MISSING SYMBOLS

N/A

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.

AB

MODEL: KIT-161

SHEET 1 OF 8

PART NO.	DESCRIPTION SUPPORTING LISTS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SWCU-1	SWR CONTROL UNIT	KIT-161			1		
	ELECTRICAL/MECHANICAL						
BS100	SOLDER, TIN ALY	A4223 CA826 CA829					
CC100-16	CAP., FXD, CER	A4223			44	C1040, 1041, 1042, 1043	
CD101-1MW	CD, NYLON, LACING	CA826 CA829 KIT-161		144	144		
CL140-1	COIL, RF, FXD	A4223			2	L1005, L1006	
CU102-4	CLAMP, LOOP-5/16	CA826			1		
DC104	COUP., DIR, 50 OHM	A3426			1	DC900	
DRILL-1/2	DRILL, TWIST-1/2	KIT-161			1		
EY102-15	GROM, RUB.	CA829			1		
FW10HBN	WASH., FLAT	A3426			2		
FW25HBN	WASH., FLAT	A3426			8		
FW31HBN	WASH., FLAT	A3426			4		
JJ172	CONN, RECP, RF, BNC	CA480-14-120			1		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST / NUMERICAL PARTS LIST		REV.	AB													MODEL:	KIT-161			SHEET	2	OF	8
PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS																
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT																			
LA101	BND, MKR, NO. 1	CA826		1																			
	NO. 2	CA826		1																			
	NO. 3	CA826		1																			
	NO. 43	CA826		1	4																		
LD1378/PX794	BD, MTG, TERM.	KIT-161			1																		
LD1457/MS2701	BRKT, MTG, COUP.	A3426			1																		
LD1539/MS3499	BRKT, MTG, COMP	A4223			1																		
LD1775/MS4333	PL, MTG, SWR SW	KIT-161			1																		
LD1776/MS4334	PL, MTG, LAMP	KIT-161			1																		
LWE 04MRN	WASH. ,LK, EXT	A4223			2																		
LWE 06MRN	WASH. ,LK, EXT	CA826			1																		
LWS 10MRN	WASH. ,LK, SPLIT	A3426			2																		
LWS 25MRN	WASH. ,LK, SPLIT	A3426			12																		
LWS 31MRN	WASH. ,LK, SPLIT	A3426			8																		
MP108-2	KNOB	KIT-161			1																		
MR170	METER, SWR	KIT-161			1	M1004																	
MS2701	BRKT, MTG, COUP.	LD1457			1																		
MS2702	PL, MTG, COUP.	A3426			2																		
MS3057-12	CLP, CBL, EL CONN	CA826			2																		
MS3102A14S2S	CONN, RECP, FML	CA826			1	J3000																	
MS3102A20-29S	CONN, RECP, FML	KIT-161			1	J1000																	

**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

A B

MODEL: KIT-161

SHEET 3 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MS3106B20-27S	CONN, PL, FML		CA826		1	P3053	24/3
MS3106B20-29P	CONN, PL, ML		CA826		1	P3000	17/3
MS3420-8A	BUSH., RUB.		CA826		2		
MS3499	BRKT, MTG, COMP		LD1539		1		
MS4333	PL, MTG, SWR, SW		LD1775		1		
MS4334	PL, MTG, LAMP		LD1776		1		
MWC20/7/B1	WIRE, ELEC, BRD		CA826		56		
MWC20/7/B2	WIRE, ELEC, BRD		CA826		91		
MWC20/7/B3	WIRE, ELEC, BRD		CA826		152		
MWC20/7/B5	WIRE, ELEC, BRD		CA826		55		
MWC20/7/B6	WIRE, ELEC, BRD		CA826		69		
MWC20/7/B7	WIRE, ELEC, BRD		CA826		105		
MWC20/7/B8	WIRE, ELEC, BRD		CA826		40		
MWC20/7/B9	WIRE, ELEC, BRD		CA826		32		
MWC20/7/B91	WIRE, ELEC, BRD		CA826		43		
MWC20/7/B92	WIRE, ELEC, BRD		CA826		41		
MWC20/7/B95	WIRE, ELEC, BRD		CA826		94		
MWC20/7/B97	WIRE, ELEC, BRD		CA826		33		
MWC20/7/B98	WIRE, ELEC, BRD		CA826		63		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

AB

MODEL: KIT-161

SHEET 4 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC20/7/U2	WIRE ,ELEC ,INS	KIT-161			120		
MWC20/7/U4	WIRE ,ELEC ,INS	KIT-161			120		
MWC20/7/U5	WIRE ,ELEC ,INS	KIT-161			14		
MWC22/7/B0	WIRE ,ELEC ,BRD	CA826			27		
MWC22/7/B1	WIRE ,ELEC ,BRD	CA826			28		
MWC22/7/B4	WIRE ,ELEC ,BRD	CA826			25		
MWC22/7/B5	WIRE ,ELEC ,BRD	CA826			24		
MWC22/7/B6	WIRE ,ELEC ,BRD	CA826			40		
MWC22/7/B90	WIRE ,ELEC ,BRD	CA826			28		
MWC22/7/B93	WIRE ,ELEC ,BRD	CA826			27		
MWC22/7/B94	WIRE ,ELEC ,BRD	CA826			26		
MWC22/7/B96	WIRE ,ELEC ,BRD	CA826			26		
MWC22/7/SJ1	CBL ,PWR ,SHLD	CA829			60		
MWC22/7/U0	WIRE ,ELEC ,INS	KIT-161			44		
NP362-34	PLATE ,IDENT-COML	KIT-161			1		
NTH0632BN8	NUT ,PLN ,HEX	CA826			1		
NTH1032BN12	NUT ,PLN ,HEX	A3426			2		
NTH2520BN14	NUT ,PLN ,HEX	A3426			4		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

AB

MODEL: KIT-161

SHEET 5 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PJ055B	PLUG, TEL	KIT-161		2			
PL171	CONN, PL, ML, AC	CA555-1		1			
PL176	CONN, PL, FML, AC	CA555-1		1			
PL192	CONN, PL, RF, ANG	CA829		2			
PL244-1	CONN, PL, RF, BNC	CA826			10	P3001, 3002, 3002, 3005, 3006, 3007, 3048, 3049, 3051, 3052	
PO224-50	IN, COND, RFX	A3426			1		
PX100-1-106	INS SLVG-SZ 10	KIT-161			36		
PX100-1-148	INS SLVG-SZ 7	CA826			13		
PX100-1-208	INS SLVG-SZ 4	CA826			24		
PX100-1-315	INS SLVG-SZ 5/16	CA826			40		
PX100-1-330	INS SLVG-SZ 0	CA826			24		
PX100-1-438	INS SLVG-SZ 7/16	CA826			12		
PX100-1-500	INS SLVG-SZ 1/2	CA826			6		
PX100-1-625	INS SLVG-SZ 5/8	CA826			24		
PX104-1-034	INS SLVG-SZ 20	A4223			1		
PX104-6-034	INS SLVG-SZ 20	A4223			6		
PX370-8-7	INS SLVG-TEF	CA412-23-23			22		
PX636	BD, INS	A3426			1		
PX794	BD, MTG, TERM.	LD1378			1		
PX830-16-1	INS SLVG-SHRINK	CA826			34		
RG58/U	CBL, RF	CA829			160		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
RG174/U	CBL,RF	CA480-14-120		120			
RV4NCYSD503AYY	RES,VAR-COMP	CA826		184	304	R1010, S1018	
SCBP0632BN6	SCR,MACH	KIT-161			1		
	SCR,MACH	CA826			1		
	SCR,MACH	KIT-161			4		
SCBP1032BN20	SCR,MACH	A3426			1		
SCFP0440BN3	SCR,MACH	A4223			2		
SCHH2520BN8	BOLT,MACH	A3426		8			
		KIT-161		8	16		
SCHH2520BN16	BOLT,MACH	A3426			4		
SCHH3118BN12	BOLT,MACH	A3426			4		
ST105	SW,TOGGLE-DPDT	A4223			1	S1017	
TE102-2	TERM.,STUD-INS	A4223			2		
TE116-1	TERM.,LUG-NO.4	A4223			2		
TE141-3	TERM.,LUG-NO.10	CA412-23-23			1		
TE141-4	TERM.,LUG-NO.1/4	CA412-23-23			1		
TE156-32951	TERM.,LUG-INS	CA826			6		
TE156-32952	TERM.,LUG-INS	CA826			3		
TE156-32953	TERM.,LUG-INS	CA829			2		
TE159-32960	TERM.,LUG-INS	CA826			1		

**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

AB

MODEL: KIT-161

SHEET 7 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE3118AE55H	POST,ELEC-MECH	A3426			4	TB3000-1	
TM105-14AL	TERM.BD-FNG	CA826			1		
TP131	STAMP KIT,RUB	KIT-161			1		
TU100-2N	TUBE COP-SOFT	CA412-23-23			23		
WA101-11	WASH.,NM	KIT-161			4		
WI134-2-12	CBL,PWR,2/C,CLD	CA555-1			1		
	SUPP ASSY/REF DWGS						
A3426	COUP/BRKT ASSY	KIT-161			1		
A4223	ALDC ASSY	KIT-161			1		
CA412-23-23.00	LEAD,ELEC	KIT-161			1		
CA480-14-120	CBL ASSY,RF	KIT-161			1		
CA555-1	CBL ASSY,PWR,AC	KIT-161			1		
CA826	WRG HARN,BRCHD	KIT-161			1		
CA829	WRG HARN,BRCHD	KIT-161			1		
	SPECIFICATIONS						
S113	VARN,FUNGUS RES.	PX794					
S114	ZN CHROMATE PRM	MS4333 MS4334					
S115	ENAM,SMOOTH GY	MS4333 MS4334					



**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

A B

MODEL:

KIT-161

SHEET 8 OF 8

PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S404	RIDITE, YEL	MS2701 MS2702 MS3499 MS4333 MS4334					
S926	INSTL INST	KIT-161			1		

# REVISION SHEET

THE TECHNICAL MATERIEL CORP.  
MAMARONECK  
NEW YORK

KIT161

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
9/1/65	A	5,7	14964	Revised per EMN	<i>MS</i>
2/10/66	B	titl,6	15735	Revised per EMN	<i>MS</i>