

SWCU-1, GPT-40K MOD KIT

MODEL KIT 225

TITLE

MODEL	USED ON SECTION	QTY
GPT-40K		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

- 1
- 1-7
- 7
- 7-8
- NONE
- NONE

LAST SYMBOLS

C1043	S1018
DC900	TB3000-1
J3000	
L1006	
M1004	
P3053	
R1010	

COMPILED	H. SCHUCKER 4-5-65
CHECKED	L. GABEL 5-3-65
APPROVED	F. BUDETTI
FNL APPR	<i>L. Gabel</i>
ISS DATE	5-28-65

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.

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE SHALL HAVE ONLY THE ASSEMBLY DRAWINGS SENT WITH THIS KIT.

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NUMERICAL PARTS LIST**

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MODEL: KIT 225

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 225			1		
	ELECTRICAL/MECHANICAL						
BS100	SOLDER, TIN ALY	A4223 CA826 CA829					
CC100-16	CAP., FXD, CER	A4223			4	C1040, 1041, 1042, 1043	
CD101-1MW	CD, NYLON, LACING	CA826 CA829					
CL140-1	COIL, RF, FXD	A4223			2	L1005, L1006	
CU102-4	CLAMP, LOOP-5/16	CA826			1		
CU142-2-9	STRAP, CBL, ADJ	KIT 225			24		
DC104	COUP., DIR, 50 OHM	A4237			1	DC900	
DRILL-NO. 1/2	DRILL, TWIST-NO. 1/2	KIT 225			1		
DRILL-NO. 21	DRILL, TWIST-NO. 21	KIT 225			1		
EY102-15	GROM, RUB	CA829			1		
FW10HBN	WASH., FLAT	A4237			6		
JJ172	CONN, RECP, RF, BNC	CA480-14			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			
LA101	BND, MKR, NO. 1 NO. 2 NO. 3 NO. 43	CA826		1	4		
		CA826		1			
		CA826		1			
		CA826		1			
LD1539/MS3499	BRKT, MTG, COMP	A4223			1		
LD1775/MS4333	PL, MTG, SWR, SW	KIT 225			1		
LD1776/MS4334	PL, MTG, LAMP	KIT 225			1		
LWE04MRN	WASH., LK, SPLIT	A4223			2		
LWE06MRN	WASH., LK, EXT	CA826			1		
LWE10MRN	WASH., LK, EXT	KIT 225			4		
LWS10MRN	WASH., LK, SPLIT	A4237			4		
LWS25MRN	WASH., LK, SPLIT	A4237			8		
MP108-2	KNOB	KIT 225			1		
MR170	METER, SWR	KIT 225			1	M1004	
MS3057-12	CLP, CBL, EL CONN	CA826			2		
MS3102A14S2S	CONN, RECP, FML	CA826			1	J3000	
MS3102A20-29S	CONN, RECP, FML	KIT225			1	J1000	
MS3106B20-27S	CONN, PL, FML	CA826			1	P3053	
MS3106B20-29P	CONN, PL, ML	CA826			1	P3000	

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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			
MS3420-8A	BUSH., RUB	CA826			2		
MS3499	BRKT, MTG, COMP	LD1539			1		
MS3670	BRKT, MTG, COUP	KIT 225			1		
MS3671	BRKT, MTG, COUP	KIT 225			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		

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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			
MWC20(7)B98	WIRE ,ELEC ,BRD	CA826			63		
MWC20(7)U2	WIRE ,ELEC ,INS	KIT 225			120		
MWC20(7)U4	WIRE ,ELEC ,INS	KIT 225			120		
MWC20(7)U5	WIRE ,ELEC ,INS	KIT 225			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)S1	CBL ,PWR ,SHLD	CA829			60		
MWC22(7)U0	WIRE ,ELEC ,INS	KIT225			36		
MWC22(7)U8	WIRE ,ELEC ,INS	KIT 225			8		

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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			
NP362-32	PLATE, IDENT-COML	KIT 225			1		
NTH0632BN8	NUT, PLN, HEX	CA826			1		
NTH1032BN12	NUT, PLN, HEX	A4237			4		
NTH2520BN14	NUT, PLN, HEX	A4237			8		
PL192	CONN, PL, RF, ANG	CA829			2		
PL244-1	CONN, PL, RF, BNC	CA826			10	P3001,3002,3003, 3005,3006,3007,3048, 3049,3051,3052	
PO224-50	IN.COND, RFX	A4237			2		
PX100-1-106	INS SLVG-SZ10	KIT 225			3		
PX100-1-148	INS SLVG-SZ7	CA826			13		
PX100-1-208	INS SLVG-SZ4	CA826			24		
PX100-1-315	INS SLVG-SZ5/16	CA826			40		
PX100-1-330	INS SLVG-SZ0	CA826			24		
PX100-1-438	INS SLVG-SZ7/16	CA826			12		
PX100-1-500	INS SLVG-SZ1/2	CA826			6		
PX100-1-625	INS SLVG-SZ5/8	CA826			24		
PX104-1-034	INS SLVG-SZ20	A4223			1		
PX104-6-034	INS SLVG-SZ20	A4223			6		

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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			
PX636	BD, INS	A4237			2		
PX830-16-1	INS SLVG-SHRINK	CA826			34		
RG58/U	CBL, RF	CA829			160		
RG174/U	CBL, RF	CA480-14 CA826			120 184		
RV4NCYSD503AYY SCBP0632BN6	RES, VAR, COMP SCR, MACH	KIT-225 CA826			1 1	R1010, S1018	
SCBP1032BN8	SCR, MACH	KIT 225			4		
SCBP1032BN10	SCR, MACH	KIT 225			4		
SCBP1032BN20	SCR, MACH	A4237			2		
SCFP0440BN3	SCR, MACH	A4223			2		
SCHH2520BN18	BOLT, MACH	A4237			8		
ST105	SW, TOGGLE -DPDT	A4233			1	S1017	
TAP-1032	TAP, 1032 UNC	KIT 225			1		
TE102-2	TERM., STUD-INS	A4223			2		
TE116-1	TERM., LUG-NO 4	A4223			2		
TE156-32951	TERM., LUG-INS	CA826			6		
TE156-32952	TERM., LUG-INS	CA826			3		
TE156-32953	TERM., LUG-INS	CA829			2		

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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			
TE159-32960	TERM. ,LUG-INS	CA826			1		
TM105-14AL	TERM. ,BD-FNG	CA826			1	TB3000-1	
TP131	STAMP KIT,RUB.	KIT 225			1		
WA101-11	WASH. ,NM	KIT225			4		
SUPP ASSY/REF DWGS							
A3424-DWG-ONLY	SW/LOAD ASSY	KIT 225			1		
A4223	ALDC ASSY	KIT 225			1		
A4237	COUP. ASSY,DIR	KIT 225			1		
CA480-14-120	CBL ASSY,RF	KIT 225			1		
CA826	WRG HARN ,BRCHD	KIT 225			1		
CA829	WRG HARN ,BRCHD	KIT 225			1		
SPECIFICATIONS							
S114	ZN CHROMATE PRM	MS4333 MS4334					
S115	ENAM,SMOOTH GY	MS4333 MS4334					

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PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S404	IRIDITE, YEL	MS3499 MS3670 MS3671 MS4333 MS4334					
S929	INSTL INST	KIT 225			1		

