



POWER SUPPLY

PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	PROJ. NO.	271	LIST NO.	ML-A-1079	
											ISSUE	A
							ELECTRICAL COMPONENTS AND MECHANICAL PARTS					
	1	MS-678 (USE A-1188)			2		Cover Assembly Relay, Power Supply			No Drawing		
	1	MS-679 (USE A-1187)			2		Cover Bracket Assembly, Left			No Drawing		
	1	MS-680 (USE A-1186)			2		Cover Bracket Assembly, Right			No Drawing		
	1	MS-919		A	2		Cover, Resistor					
	1	MS-974			4		Cover, Circuit Breaker					
	1	MS-975			4		Stiffener, Front Panel					
	1	MS-976			8		Cover, Front Panel Controls					
	1	MP-103-37			2		Name Plate, Identification			For Commercial use only		
	1	MP-193			1		Name Plate, Identification (PP-1768/DRT-17)			For Navy use only		
	6	PM-356			1		Socket Mounting, Plate Spacers					
	4	PM-476			1		Spacer, Relay Chassis					
	2	PO-138			2		Resistor Mount, Bolt Type					
	1	PX-293			2		Mounting Plate, Socket					
	1	RA106ASSA251A			2		Resistor, Adjustable, W.W., 4 Watts, 250 ohms			R604		
	1	RA108-250-25			2		Resistor, Adjustable			R605		
	1	RA108-601-10			2		Resistor, Variable, W.W., 25 Watts			R603		
	1	RA75ASAA252AK25			2		Resistor, Fixed, Composition			R608		
	1	RQ12GF2L2J			2		Resistor, Fixed, Composition			R609		
	1	RI-111-6M060T			2		Relay, Thermostatic Delay			K603		
	1	RI-112			2		Relay, Plate Overload			K604		
	1	RI-113		A	2		Relay, Screen Overload			K601		
	1	RI-114		B	2		Relay, Plate			K602		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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POWER SUPPLY

PROJ. NO. 271

ML-A-1079

LIST NO. SHEET 3 OF 10 SHEETS

PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	DWG REV	DWG SIZE	ITEM NO.	MODEL RTP										DESCRIPTION	REMARKS
						ISSUE	A	B									

1	1	RM-109-19		1		Resistor, Fixed, W.W., 10 Watts	R611												
1	1	RM-111-26		1		Resistor, Fixed, W.W., 25 Watts	R606												
1	1	RM-109-36		1		" " " " 10 Watts	R601												
2	2	RM-109-43		1		" " " " 10 Watts	R612												
1	1	RM-109-45		1		" " " " 10 Watts	R610												
1	1	RM-110-36		1		Resistor, Fixed, W.W., 20 Watts	R607												
2	2	RM-116-603 NB		2		Resistor, Fixed, W.W., 200 Watts	R614,												
2	2	ST-104		1		Switch, Toggle	S603,												
1	1	SM-164	B	2		Switch, Circuit Breaker	CB601												
1	1	SM-167-7	A	2		Tap Switch, Non-shorting	S605												
1	1	SM-168-SPST-2-NO-BR		1		Switch, Push Button, Momentary Contact	S602												
1	1	SM-170	C	1		Switch, Rotary, Mode	S601												
4	4	TF-144	A	2		Reactor, Filter	I602,												
1	1	TF-147	A	2		Transformer, Filament, Power	T603												
1	1	TF-148	A	2		Reactor, Filter	I606												
1	1	TF-161	A	2		Transformer, Power	T601,												
1	1	TF-164		2		Auto Transformer, Line Voltage Adjust	T604												
1	1	TF-166		2		Reactor, Filter	I601												
2	2	TK-100-1	C	8		Track, Slide	E601												
1	1	TM-100-8		1		Terminal Strip, Barrier Lug Type	E602,												
2	2	TW-100-12		1		" " " "	E602,												
2	2	TS-101-P01		2		Socket, Octal (USE Cinch # 51B13405)	XV604,												
3	3	TS-102-P01		1		Socket & Shield, 7 Pin Miniature	XV601,												
3	3	TS-102-U03		1		" & " " 7 Pin Miniature	XV601,												
1	1	TS-103-P01		2		Socket/Shield, Noval	XX603												
1	1	TS-103-U03		2		" " " "	XX603												
1	1	TS-106-1		1		Socket, Lens Miniature, Bayonet	XI601												
2	2	TS-123-211-1		2		Socket, Bayonet w/Lens	XV606,												
2	2	TS-124-1		1		Socket, Bayonet w/Lens	XI602,												
1	1	TS-124-2		1		" " " w/Lens	XI604												

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POWER SUPPLY

PROJ. NO. 271

LIST NO. MT-A-1079  
SHEET 4 OF 10 SHEETS

PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS

2 4 1 1 3 2 4 4  
 CU-100-5  
 CU-102-3  
 CU-102-4  
 CU-102-5  
 CU-102-6  
 CU-102-7  
 CU-123

Holder, Tube  
 Clamp, "G" Type  
 " " " "  
 " " " "  
 " " " "  
 " " " "  
 " " " "  
 Ferrule, Handle

1 2 1 1 2 5 2  
 EY-102-1  
 EY-102-2  
 EY-102-3  
 EY-102-5  
 EY-102-8  
 EY-102-15

Grommet, Elastic  
 " " " "  
 " " " "  
 " " " "  
 " " " "  
 " " " "

1 2 6 7 5 4 3  
 FC-100-6  
 FC-102-1-XX-C  
 FH-103  
 FS-102-1  
 FS-109-3  
 FS-110-1  
 FS-110-3

Clip Component  
 Fuse Clip  
 Holder, Fuse  
 Spring, Type "S"  
 Ring, Stud Retaining  
 Stud, Slotted Head  
 Stud, Slotted Head

13 15 8  
 FM06MRC  
 FM08MRC  
 FM25MRC

Washer, Flat  
 " " "  
 " " "

1 ea.  
 6  
 6  
 12  
 3  
 IA-101  
 IA-101  
 IA-101  
 IA-101  
 IA-101

Wire Markers K, L, M,  
 #S 1, 2, 3, 4, 6, 7  
 Wire Markers, #S 25, 26, 27, 28, 30, 31  
 Wire Markers, #S 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,  
 19, 20  
 Wire Markers, #S J, K, M

For CA-252  
 For CA-248  
 For CA-251  
 For CA-250

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PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	DWG REV	DWG SIZE	ITEM NO.	HARDWARE	DESCRIPTION (CONTINUED)	MODEL	PROJ. NO.	LIST NO.	REMARKS
								ISSUE	271	ML-A-1079	

11	IME01MRC		1		Lock Washer, External Tooth						
32	IME06MRC		1		" " " "						
115	IME08MRC		1		" " " "						
22	IME10MRC		1		" " " "						
18	IMS03MRC		1		Lock Washer, Spring Type						
8	IMS01MRC		1		" " " "						
8	IMS25MRC		1		" " " "						
18	NTH03148BC6		1		Nut, Hexagon						
14	NTH01410BC6		1		" " " "						
26	NTH0632BC10		1		" " " "						
108	NTH0832BC10		1		" " " "						
24	NTH1032BC12		1		" " " "						
8	NTH2520BC14		1		" " " "						
1	SCBS01410BC3		1		Screw, Machine						
10	SCBS01410BC4		1		" " " "						
12	SCBS01410BC9		1		" " " "						
11	SCBS0632BC4		1		Screw, Machine						
7	SCBS0632BC6		1		" " " "						
2	SCBS0632BC8		1		" " " "						
20	SCBS0832BC6		1		Screw, Machine						
17	SCBS0832BC8		1		" " " "						
4	SCBS0832BC9		1		" " " "						
6	SCBS0832BC12		1		" " " "						
8	SCBS0832BC24		1		" " " "						
12	SCFS03148BC4		1		Screw, Machine						
6	SCFS03148BC6		1		" " " "						
14	SCFS0832BC6		1		Screw, Machine						

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PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS
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MODEL	RTP	PROJ. NO.	271	LIST NO.	MT-A-1079
ISSUE				SHEET	6 OF 10 SHEETS

QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS
19	SCFSS0832BC08 (TMC Gray)		1		Screw, Machine Paint Heads TMC Gray	
4	SCHH1032BC10		1		Screw, Machine	
7	SCRS0632BC36		1		Screw, Machine	
2	SCRS0632BC10		1		" , "	
4	SM-107-34	A	1		Insert, Hex	
2	SM-133-2-NP	A	1		Panel Screw, Captive	
1	TE-101-4		1		Slotted Head Bushing	
32	TE-120-2		1		Spade Ing	
8	TE-141-3		1		Terminal, Solderless	
9	TE-155-34170		2		Solderless Terminal, Plastic Grip	
9	TE-155-34171		2		" " " " " "	
5	TE-155-31852		2		" " " " " "	
11	TE-156-32947		2		" " " " " "	
1	TE-156-32948		2		" " " " " "	
1	TE-156-34149		2		" " " " " "	
18	WA-102-6		1		Washer, Fiber, Shoulder	

TUBES

Tube, Electron  
 " ,  
 " ,  
 " ,  
 " ,  
 " ,  
 " ,

V606, 607  
 V604, 605  
 V603  
 V601, 602

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POWER SUPPLY

PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	DWG REV	MODEL	RTP	PROJ. NO.	271	LIST NO.	ML-A-1079
				ISSUE	ITEM NO.	DESCRIPTION	SUPPORTING DRAWINGS	SHEET	7

1	A-1079	B	N.D.	Final Assembly	No Drawing	Ref: MS-676
1	A-1080	B	4	Left Side Support Assembly		Ref: MS-676
1	A-1081	B	4	Center Support Assembly		Ref: MS-676
1	A-1185	D	8	Relay Chassis, Power Supply		Ref: MS-674, LD-260
1	A-1186	B	2	Cover Bracket Assembly, Right		
1	A-1187	A	2	Cover Bracket Assembly, Left		
1	A-1188	A	2	Cover Assembly Relay, Power Supply		
1	A-1269		2	Relay Assembly		K601
1	A-1270		2	Relay Assembly		K602
1	A-1272	A	2	Relay Assembly		K601

1	GA-248	B	8	Cable, Sub-Chassis		0601 to 0610
1	GA-249	E	Roll	Cable, Assembly		0601 to 0610
1	GA-250	B	2	Cable, A.C. Power		0602 to 0610
1	GA-251	A	2	Plate, Relay Cable		0601 to 0606
1	GA-252	A	2	Screen Overload Relay		T603 to I606
1	CA-278	A	2	Cable, High Voltage		0602 to I606
1	CA-311-1	B	2	Single Wire Cables		0602 to R615
1	CA-311-2		2	"		V606 Pin F to T603 Pin 7
1	CA-311-3		2	"		V606 Pin F to T603 Pin 5
1	CA-311-4		2	"		V606 Pin F to V607 Pin F
1	CA-311-5		2	"		V606 Pin F to V607 Pin F
1	CA-311-6		2	"		V606 Pin F to V607 Pin F
1	CA-311-7		2	"		V606 Pin F to V607 Pin F
1	CA-319-1		1	Cable Assembly, Filament		
1	CA-319-2		1	"		
1	CA-319-3		1	"		
1	CA-320		1	Cable Assembly, Filament		

1	GK-314	D	8	Schematic Diagram, Power Supply		
1	GK-330	R	Roll	Master Schematic Diagram, GPT-750		

1	ID-194		1	Dimensional Outline Drawing, Model RTP		
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							ISSUE	271	MT-A-1079

DESCRIPTION	CONTINUED	SHEET 8 OF 10 SHEETS	REMARKS
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1	ID-235	A	8	Engraving, Front Panel, Power Supply	MS-670
1	ID-249	A	8	Lettering, Detail of Sub-Chassis Power Supply	MS-669
1	ID-250	A	8	Stamping Detail - Rear of Front Panel	MS-670
1	ID-251	A	8	Lettering, Main Chassis	MS-676
1	ID-260	A	4	Relay Chassis Lettering	Ref: A-1188
1	ID-277	A	2	Lettering, Relay Cover	
<p style="text-align: center;"><u>SPECIFICATIONS</u></p> <p>Caustic Dip Zinc Chromate Primer Smooth Gray Enamel Mechanical Data - GPT-750 CN-109-A Adaption Kit For GPT-750</p> <p><i>Test Spec.</i></p>					(For Spare Parts Use Only)

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POWER SUPPLY

PROJ. NO. 271

LIST NO. M-A-1079

SHEET 9 OF 10 SHEETS

PURCHASED ITEM	QUAN. PER ONE EQUIP.	MATERIAL LIST	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS

RAW MATERIAL

DESCRIPTION

Cord Lacing, Nylon, Flat

Insulation, Sleevling

Insulation, Sleevling

Insulation, Sleevling

Insulation, Sleevling, Fiberglass

Cable, Insulated equivalent

Cable, Insulated equivalent

Black

Brown

Red

Orange

Yellow

Green

Blue

Violet

Gray

White

Pink

White/Brown

White/Red

White/Orange

White/Yellow

White/Green

White/Blue

White/Violet

Black

Brown

Orange

Yellow

Orange

Yellow

Orange

Yellow

Orange

Yellow

Orange

Yellow

Orange

Yellow

Orange

Yellow

Orange

Yellow

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