

POWER SUPPLY

PURCHASED ITEM	MATERIAL LIST		MODEL RTP		PROJ. NO. 271	LIST NO. ML-A-1079	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS
						ELECTRICAL COMPONENTS AND MECHANICAL PARTS	
1	AN-3057-10			1		Adapter, Electrical Accessory to Cable	
1	AN-3102-A28-11P			1		Connector, Receptacle, Box Mounting	J601
1	AN-3102-A28-11S			1		" " " "	J602
1	AN-3106-EL8-16S			1		Connectors, Electrical, Plugs, Straight	P601
1	AN-3420-6A			1		Bushing, Cable, Adapter, Telescoping	
1	AN-3420-10A			1		" " " " " "	
1	BI-101-44			1		Lamp, Incandescent, Bayonet Base	I601
3	BI-102-3			1		Lamp, Incandescent, Double Contact Bayonet Base	I602, 3, 4
1	CN-100-22			1		Capacitor, Fixed, Moulded Plastic	C603
3	CN-109 (See S-351)			2		Capacitor, Fixed, Paper Dielectric, W/Bracket	C610, 601, 602
1	CN-110-103-G			2		Capacitor, Fixed, Paper, Molded Tubular	C611
6	CPhOC2FF405X			2		Capacitor, Fixed, Cylindrical Case	C604, 5, 6, 7, 8, 9
6	FU-102-003, 3.00			1		Fuse, Cartridge, Time - Lag	F601, 2, 3, & Spares for 22
2	HA-102-8BN			2		Handles	
2	MP-106-2	A		1		Knob, Instrument Skirt Type	
1	MR-108-150	A		2		Voltmeter, A.C.	M601
6	MS-154-1			1		Straddle Plate	
1	MS-668	B		8		Right Side Bracket, Power Supply	Ref: MS-669
1	MS-669			8		Sub-Chassis, Power Supply	Ref: MS-668, ID-249
1	MS-670	B		8		Front Panel, Power Supply	Ref: ID-235, ID-250
1	MS-671	A		2		Rear Stiffener, Power Supply	
1	MS-672 (USE A-1081)			4		Center Support Assembly, Power Supply	No Drawing
1	MS-673 (USE A-1080)			4		Left Side Support Assembly	No Drawing
1	MS-674 (USE A-1185)			8		Relay Chassis, Power Supply	No Drawing
1	MS-675	B		4		Bottom Stringer	
1	MS-676	D		8		Main Chassis, Power Supply	Ref: MS-675, A-1080, 1081 ID-251

MAR 2 - 1963

POWER SUPPLY

PURCHASED ITEM	MATERIAL LIST			MODEL RTP				PROJ. NO. 271				LIST NO. ML-A-1079			
	QUAN. PER ONE EQUIP.	PART NO.	DNG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS	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			2		Cover, Resistor									
1	MS-974		A	4		Cover, Circuit Breaker									
1	MS-975			4		Stiffener, Front Panel									
1	MS-976			8		Cover, Front Panel Controls									
1	NP-103-37			2		Name Plate, Identification	For Commercial use only								
1	NP-193			1		Name Plate, Identification (PP-1768/URT-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		" " "	R603								
1	RA75ASA252AK25			2		Resistor, Variable, W.W., 25 Watts	R608								
1	RC42GF242J			2		Resistor, Fixed, Composition	R609								
1	RL-111-6N060T			2		Relay, Thermostatic Delay	K603								
1	RL-112			2		Relay, Plate Overload	K604								
1	RL-113		A	2		Relay, Screen Overload	K601								
1	RL-114		B	2		Relay Plate	K602								

POWER SUPPLY

PURCHASED ITEM	MATERIAL LIST			MODEL RTP				PROJ. NO. 271	LIST NO. ML-A-1079
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	ISSUE				SHEET 3	OF 10 SHEETS
				A	B				
			DWG REV	ITEM NO.	DESCRIPTION	REMARKS			
ELECTRICAL COMPONENTS AND MECHANICAL PARTS									
1	RW-109-19			1	Resistor, Fixed, W.W., 10 Watts	R611			
1	RW-111-26			1	Resistor, Fixed, W.W., 25 Watts	R606			
2	RW-109-36			1	" , " , " , 10 Watts	R601, 602			
2	RW-109-43			1	" , " , " , 10 Watts	R612, 613			
1	RW-109-45			1	" , " , " , 10 Watts	R610			
1	RW-110-36			1	Resistor, Fixed, W.W., 20 Watts	R607			
2	RW-116-603 NB			2	Resistor, Fixed, W.W., 200 Watts	R614, 615			
2	ST-104			1	Switch, Toggle	S603, 604			
1	SW-164		B	2	Switch, Circuit Breaker	CB601			
1	SW-167-7		A	2	Tap Switch, Non-shorting	S605			
1	SW-168-SPST-2-NO-BR			1	Switch, Push Button, Momentary Contact	S602			
1	SW-170		C	1	Switch, Rotary, Mode	S601			
4	TF-144		A	2	Reactor, Filter	L602, 3,4,5,			
1	TF-147		A	2	Transformer, Filament, Power	T603			
1	TF-148		A	2	Reactor, Filter	L606			
2	TF-161		A	2	Transformer, Power	T601, 602			
1	TF-164			2	Auto Transformer, Line Voltage Adjust	T604			
1	TF-166			2	Reactor, Filter	L601			
2	TK-100-1		C	8	Track, Slide				
1	TM-100-8			1	Terminal Strip, Barrier Lug Type	E601			
2	TM-100-12			1	" " , " " "	E602, 603			
2	TS-101-P01			2	Socket, Octal (USE Cinch # 51B13405)	XV604, 605			
3	TS-102-P01			1	Socket & Shield, 7 Pin Miniature	XV601, 602, 603			
3	TS-102-U03			1	" & " , 7 Pin Miniature				
1	TS-103-P01			2	Socket/Shield, Noval	XK603			
1	TS-103-U03			2	" / " , "				
1	TS-106-1			1	Socket, Lens Miniature, Bayonet	XI601			
2	TS-123-211-1			2	Socket, Bayonet	XV606, 607			
2	TS-124-1			1	Socket, Bayonet w/Lens	XI602, 603			
1	TS-124-2			1	" , " w/Lens	XI604			

PURCHASED ITEM	MATERIAL LIST			MODEL RTP												PROJ. NO. 271		LIST NO. ML-A-1019	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	ISSUE												SHEET 4 OF 10 SHEETS	
						DESCRIPTION												REMARKS	
						HARDWARE													
	2	CU-100-5			1	Holder, Tube													
	4	CU-102-3			1	Clamp, "G" Type													
	1	CU-102-4			1	" , " "													
	3	CU-102-5			1	" , " "													
	2	CU-102-6			1	" , " "													
	4	CU-102-7			1	" , " "													
	4	CU-123			1	Ferrule, Handle													
	1	EY-102-1			1	Grommet, Elastic													
	2	EY-102-2			1	" , "													
	1	EY-102-3			1	" , "													
	2	EY-102-5			1	" , "													
	5	EY-102-8			1	" , "													
	2	EY-102-15			1	" , "													
	1	FC-100-6			1	Clip Component													
	2	FC-102-1-XX-C			2	Fuse Clip													
	6	FH-103			1	Holder, Fuse													
	7	FS-102-1			1	Spring, Type "S"													
	5	FS-109-3			1	Ring, Stud Retaining													
	4	FS-110-1			1	Stud, Slotted Head													
	3	FS-110-3			1	Stud, Slotted Head													
	13	FW06MRC			1	Washer, Flat													
	15	FW08MRC			1	" , "													
	8	FW25MRC			1	" , "													
	1 ea.	LA-101			1	Wire Markers K, L, M,													
	6	LA-101			1	Wire Markers, #S 1,2,3,4,6,7												For CA-252	
	6	LA-101			1	Wire Markers, #S 25,26,27,28,30,31												For CA-248	
	12	LA-101			1	Wire Markers, #S 9,10,11,12,13,14,15,16,17,18, 19,20												For CA-251	
	3	LA-101			1	Wire Markers, #S J, K, M												For CA-250	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED A J

PURCHASED ITEM	MATERIAL LIST		MODEL RTP		PROJ. NO. 271	LIST NO. ML-A-1079	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION (CONTINUED)	REMARKS
	11	LWE01MRC		1		Lock Washer, External Tooth	
	32	LWE06MRC		1		" " , " "	
	115	LWE08MRC		1		" " , " "	
	22	LWE10MRC		1		" " , " "	
	18	LWS03MRC		1		Lock Washer, Spring Type	
	8	LWS04MRC		1		" " , " "	
	8	LWS25MRC		1		" " , " "	
	18	NTH0348BC6		1		Nut, Hexagon	
	14	NTH0440BC6		1		" , "	
	26	NTH0632BC10		1		" , "	
	108	NTH0832BC10		1		" , "	
	24	NTH1032BC12		1		" , "	
	8	NTH2520BC14		1		" , "	
	1	SCBS0440BC3		1		Screw, Machine	
	10	SCBS0440BC4		1		" , "	
	12	SCBS0440BC9		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	SCFS0348BC4		1		Screw, Machine	
	6	SCFS0348BC6		1		" , "	
	14	SCFS0832BC6		1		Screw, Machine	

POWER SUPPLY

PURCHASED ITEM	MATERIAL LIST		MODEL RTP				PROJ. NO. 271				LIST NO. ML-A-1079						
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	ISSUE								SHEET 6 OF 10 SHEETS			
						DESCRIPTION											REMARKS
						<u>HARDWARE</u>											
	19	SCFS0832BC8 (TMC Gray)		1		Screw, Machine Paint Heads TMC Gray											
	4	SCHH1032BC10		1		Screw, Machine											
	7	SCRS0632BC36		1		Screw, Machine											
	2	SCRS0632BC40		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 Lug											
	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											
						<u>TUBES</u>											
	2	872A				Tube, Electron											V606, 607
	2	5R4GY				" , "											V604, 605
	1	6X4				" , "											V603
	2	OB2				" , "											V601, 602

FORM NO. 106 REV. 1-4-57

POWER SUPPLY

PURCHASED ITEM	MATERIAL LIST			MODEL RTP		PROJ. NO. 271		LIST NO. ML-A-1079	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS	SHEET 7 OF 10 SHEETS	
								ISSUE	
						SUPPORTING DRAWINGS			
	1	A-1079		N.D.		Final Assembly	No Drawing		
	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		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		K604	
	1	CA-248	B	8		Cable, Sub-Chassis			
	1	CA-249	E	Roll		Cable, Assembly			
	1	CA-250	B	2		Cable, A.C. Power			
	1	CA-251	A	2		Plate, Relay Cable			
	1	CA-252	A	2		Screen Overload Relay Cable			
	1	CA-278	B	2		Cable, High Voltage			
	1	CA-311-1		2		Single Wire Cables		C601 to C610	
	1	CA-311-2		2		" " "		C601 to C610	
	1	CA-311-3		2		" " "		C602 to C610	
	1	CA-311-4		2		" " "		C601 to C606	
	1	CA-311-5		2		" " "		T603 to L606	
	1	CA-311-6		2		" " "		C602 to L606	
	1	CA-311-7		2		" " "		C602 to R615	
	1	CA-319-1		1		Cable Assembly, Filament		V606 Pin F to T603 Pin 7	
	1	CA-319-2		1		" " "		V606 Pin F to T603 Pin 5	
	1	CA-319-3		1		" " "		V606 Pin F to V607 Pin F	
	1	CA-320		1		Cable Assembly, Filament		V606 Pin F to V607 Pin F	
	1	CK-314	D	8		Schematic Diagram, Power Supply			
	1	CK-330	R	Roll		Master Schematic Diagram, GPT-750			
	1	ID-194		1		Dimensional Outline Drawing, Model RTP			

PURCHASED ITEM	MATERIAL LIST		MODEL RTP				PROJ. NO. 271				LIST NO. MI-A-1079		
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	ISSUE						SHEET 8 OF 10 SHEETS	
						A							
						DESCRIPTION						REMARKS	
						SUPPORTING DRAWINGS CONTINUED							
1	LD-235	A	8			Engraving, Front Panel, Power Supply						MS-670	
1	LD-249		8			Lettering Detail of Sub-Chassis Power Supply						MS-669	
1	LD-250		8			Stamping Detail - Rear of Front Panel						MS-670	
1	LD-251	A	8			Lettering, Main Chassis						MS-676	
1	LD-260	A	4			Relay Chassis Lettering							
1	LD-277		2			Lettering, Relay Cover						Ref: A-1188	
						<u>SPECIFICATIONS</u>							
						Caustic Dip Zinc Chromate Primer Smooth Gray Enamel Mechanical Data - GPT-750 CN-109-A Adaption Kit For GPT-750 <i>Test Report</i>							
												(For Spare Parts Use Only)	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED *AI*

PURCHASED ITEM	MATERIAL LIST		MODEL RTP				PROJ. NO. 271				LIST NO. ML-A-1079			
	QUAN. PER ONE EQUIP.	PART NO.	DWC REV	DWG SIZE	ITEM NO.	ISSUE				SHEET 9 OF 10 SHEETS				
						DESCRIPTION				REMARKS				
						RAW MATERIAL								
X		CD-101-3MW		1		Cord Lacing, Nylon, Flat								
X		PX-100-1-.106		1		Insulation, Sleeving								
X		PX-100-1-.148		1		" , "								
X		PX-100-1-.234		1		" , "								
X		PX-100-1-.315		1		" , "								
X		PX-100-1-.625		1		" , "								
X		PX-104-3-.034		1		Insulation, Sleeving								
X		PX-104-7-.034		1		" , "								
7"		PX-342-1-.263		1		Insulation, Sleeving, Fiberglass								
X		SRIR3/5(7)22U00		1		Cable, Insulated	<u>equivalent</u>	MWC22(7)U0	Black					
X		SRIR3/5(7)22U11		1		" , "	"	MWC22(7)U1	Brown					
X		SRIR3/5(7)22U22		1		" , "	"	MWC22(7)U2	Red					
X		SRIR3/5(7)22U33		1		" , "	"	MWC22(7)U3	Orange					
X		SRIR3/5(7)22U44		1		" , "	"	MWC22(7)U4	Yellow					
X		SRIR3/5(7)22U55		1		" , "	"	MWC22(7)U5	Green					
X		SRIR3/5(7)22U66		1		" , "	"	MWC22(7)U6	Blue					
X		SRIR3/5(7)22U77		1		" , "	"	MWC22(7)U7	Violet					
X		SRIR3/5(7)22U88		1		" , "	"	MWC22(7)U8	Gray					
X		SRIR3/5(7)22U99		1		" , "	"	MWC22(7)U9	White					
X		SRIR3/5(7)22UPINK		1		" , "	"	MWC22(7)UPINK	Pink					
X		SRIR3/5(7)22U91		1		" , "	"	MWC22(7)U91	White/Brown					
X		SRIR3/5(7)22U92		1		" , "	"	MWC22(7)U92	White/Red					
X		SRIR3/5(7)22U93		1		" , "	"	MWC22(7)U93	White/Orange					
X		SRIR3/5(7)22U94		1		" , "	"	MWC22(7)U94	White/Yellow					
X		SRIR3/5(7)22U95		1		" , "	"	MWC22(7)U95	White/Green					
X		SRIR3/5(7)22U96		1		" , "	"	MWC22(7)U96	White/Blue					
X		SRIR3/5(7)22U97		1		" , "	"	MWC22(7)U97	White/Violet					
X		SRIR2 $\frac{1}{2}$ (19)16U00		1		Cable, Insulated	<u>equivalent</u>	MWC16(19)U0	Black					
X		SRIR2 $\frac{1}{2}$ (19)16U11		1		" , "	"	MWC16(19)U1	Brown					
X		SRIR2 $\frac{1}{2}$ (19)16U33		1		" , "	"	MWC16(19)U3	Orange					
X		SRIR2 $\frac{1}{2}$ (19)16U44		1		" , "	"	MWC16(19)U4	Yellow					

PURCHASED ITEM	MATERIAL LIST			MODEL RTP				PROJ. NO.				LIST NO. ML-A-1079	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION		SHEET 10 OF 10 SHEETS					
						RAW MATERIAL							
X		SRIR2 $\frac{1}{2}$ (19)16U55		1		Cable, Insulated	<u>equivalent</u>	MWCL6(19)U5				Green	
X		SRIR2 $\frac{1}{2}$ (19)16U66		1		" , "	"	MWCL6(19)U6				Blue	
X		SRIR2 $\frac{1}{2}$ (19)16U77		1		" , "	"	MWCL6(19)U7				Violet	
X		SRIR2 $\frac{1}{2}$ (19)16U88		1		" , "	"	MWCL6(19)U8				Gray	
X		SRIR2 $\frac{1}{2}$ (19)16U99		1		" , "	"	MWCL6(19)U9				White	
X		SRIR2 $\frac{1}{2}$ (19)16U91		1		" , "	"	MWCL6(19)U91				White/Brown	
X		SRIR2 $\frac{1}{2}$ (19)16U92		1		" , "	"	MWCL6(19)U92				White/Red	
X		SRIR2 $\frac{1}{2}$ (19)16U96		1		" , "	"	MWCL6(19)U96				White/Blue	
X		SRIR6(19)12C90		1		Cable, Insulated	<u>equivalent</u>	HWCL2(19)J90				White/Black	Fiberglas
X		SRIR6(19)12C99		1		" , "	"	HWCL2(19)J9				White	Fiberglas
X		SRIR6(19)12U90		1		" , "	"	HWCL2(19)U90				White/Black	
X		SRIR6(19)12U99		1		" , "	"	HWCL2(19)U9				White	
X		SRIR9(37)10C22		1		Cable, Insulated	<u>equivalent</u>	HWCL0(37)J2				Red	Fiberglas
X		SRIR9(37)10C90		1		" , "	"	HWCL0(37)J90				White/Black	Fiberglas
X		SRIR9(37)10C99		1		" , "	"	HWCL0(37)J9				White	Fiberglas
	31 1/16"	WI-126-1		1		Wire, Heavy Duty							
	9 1/2"	WI-126-2		1		Wire, Heavy Duty							
	1	WI-131		1		Cable, High Voltage							

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED A. J. J.

