

MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383		
													SHEET	1	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
6	BI-109-2	Indicator, Digital, Display		A-2546		3	DS3001, 3002, 3004,									
				A-2546		3	DS3005, 3006, 3007									
1	BI-111-1	Lamp, Glow, Neon		A-2546		1	DS3003									
10	CC-100-16	Capacitor, Fixed, Ceramic, Disc, .01 uf		A-2547		10	C3002 thru 3011									
2	CC-100-32	Capacitor, Fixed, Ceramic, Disc, .10 uf		A-2548		2	C3012, C3013									
1	CE-108-1	Capacitor, Fixed, Electrolytic, 3 x 20 uf		A-2547		1	C3001A, B, C									
5	CL-226-5	Coil, RF, Fixed		A-2547		3	L3001, 3002, 3003,									
				A-2547		2	L3004, 3005									
2	CU-102-1	Clamp, "G" Type		CA-652		1										
				CA-700		1										
3	CU-102-2	Clamp, "G" Type		CA-700		3										
1	CU-102-3	Clamp, "G" Type		CA-652		1										
1	CU-118-4S	Clamp, Tube		A-2547		1										
4	CU-139-2B	Ferrule, Handle		AX-383		4										
4	CU-140	Clip, Window, Retaining		A-3054		4										
1	EY-102-5	Grommet, Elastic		A-2547		1										
2	HA-102-12BN	Handle		AX-383		2										
1	JJ-200-2	Connector, Receptacle		A-2548		1	J3001									
5	JJ-216	Connector, Receptacle		A-2547		3	J3003, 3004, 3005,									
				A-2547		2	J3006, 3007									

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383		
													SHEET	2	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
1	JJ-242-1S	Connector, Receptacle		A-2547		1	J3002									
1	MR-162	Meter, Phase Comparator		A-2546		1	M3001									
1	MS-2734	Panel, Front	LD-1002	A-2546		1										
1	MS-2738	Chassis, Filter Power	LD-1038	A-2547		1										
1	MS-2779	Plate, Side, Right		AX-383		1										
1	MS-2780	Plate, Side, Left		AX-383		1										
1	MS-2781	Plate, Rear	LD-1020	A-2548		1										
1	MS-2884	Bracket, Chassis, Support		A-2546		1										
2	MS-3007-1	Plate, Right and Left Side		A-3053-1		2										
1	NP-102-41	Nameplate, Identification	Comm.	A-2546		1	When Required									
1	NP-418	Nameplate, Identification	Navy	A-2546		1	When Required									
1	PL-105-1	Connector, Plug, Male		CA-700		1	P3007									
14	PL-204	Connector, Plug		CA-700-71 CA-480-71		13 1	P3008 thru 3020 P3021									
6	PL-225-3P	Connector, Plug, Male		CA-667 CA-668 CA-668 CA-695		1 3 1 1	P3001 P3002, 3003, 3004, P3005 P3006									

MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383		
													SHEET	3	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
2	PM-810	End Piece, Bezel		A-3053-1		2										
1	PO-233-1	Window, Bezel, Red		A-3054-1		1										
1	RC20GF104K	Resistor, Fixed, Composition		A-2547		1	R3001									
1	RC20GF120K	Resistor, Fixed, Composition		A-2547		1	R3002									
1	RL-143-2	Relay, Micro-Miniature		A-2547		1	K3001									
1	TK-115-18GL	Track, Chassis Section, Left		AX-383		1										
1	TK-115-18GR	Track, Chassis Section, Right		AX-383		1										
	(See Note)	NOTE: <u>Do not purchase this item. It is part of track set purchased on RAK-21 or RAK-22 Material List.</u>														
3	TM-121-4	Terminal, Strip, Miniature		A-2547 A-2548		2 1										
1	TS-101-PO1	Socket, Tube, Octal		A-2547		1	XC3001A, B, C									
1	TS-156	Socket, Light, Indicator		A-2546		1	XDS3003									
6	TS-157	Socket, Indicator, Digital, Display		CA-667 CA-668 CA-668 CA-695		1 3 1 1	XDS3001, XDS3002, 3004, 3005, XDS3006 XDS3007									
1	TS-147	Socket, Transistor, 4 Prong		A-2547		1	XQ3002									
13	UG625*/U	Connector, Receptacle		A-2548		13	J3009 thru 3021									
1	UG1094*/U	Connector, Receptacle		A2548		1	J3008									

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MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383		
													SHEET	4	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
1	2N697	Transistor					A-2547		1	Q3002						

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MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383	
													SHEET	5	OF 13
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS								
				USED ON	USED TO MOUNT	QUAN.									
15	FS-102-1	Spring, "S" Type		A-2548		3									
				AX-383		12									
10	FW04MRN	Washer, Flat		A-2547		10									
6	FW08MRN	Washer, Flat		AX-383		6									
2	LWE02MRN	Washer, Lock, External		A-2547		2									
42	LWE04MRN	Washer, Lock, External		A-2546		12									
				A-2547		25									
				A-2548		5									
5	LWE06MRN	Washer, Lock, External		A-2547		3									
				A-2548		2									
8	LWE08MRN	Washer, Lock, External		A-2546		2									
				A-2547		2									
				AX-383		4									
30	LWS03MRN	Washer, Lock, Split		A-2548		6									
2	NT-129-440-4	Nut, Swage		MS-2781		2									
12	NT-129-632-4	Nut, Swage		MS-2738		2									
				MS-2884		10									
35	NT-129-832-4	Nut, Swage		MS-2738		12									
				MS-2779		3									
				MS-2780		2									
				MS-2781		13									
				MS-2884		5									
4	NT-129-1034-4	Nut, Swage		MS-2779		1									
				MS-2780		3									
2	NTH0256BN6	Nut, Hexagon		A-2547		2									

MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383
MATERIAL LIST		REV.											SHEET	6
MATERIAL LIST		REV.											OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION		QUAN.	REF. SYMBOLS AND/OR REMARKS							
				USED ON	USED TO MOUNT									
	PART NO.	HARDWARE	REF.	USED ON	USED TO MOUNT	QUAN.	REF. SYMBOLS AND/OR REMARKS							
30	NTH0348BN6	Nut, Hexagon		A-2548		6								
				AX-383		24								
29	NTH0440BN8	Nut, Hexagon		A-2546		12								
				A-2547		12								
				A-2548		4								
3	NTH0632BN8	Nut, Hexagon		A-2547		3								
8	NTH0832BN8	Nut, Hexagon		A-2548		6								
				A-2546		2								
				A-2547		2								
				AX-383		4								
5	SC-131-0632BN4	Screw, Machine		A-2547		5								
6	SC-131-0832BN4	Screw, Machine		A-2547		6								
8	SC-131-1032BN3	Screw, Machine		AX-383		8								
2	SCBP0256BN5	Screw, Machine		A-2547		2								
13	SCBP0440BN4	Screw, Machine		A-2547		12								
				A-2548		1								
12	SCBP0440BN6	Screw, Machine		A-2546		12								
14	SCBP0440BN7	Screw, Machine		A-2547		10								
				A-2548		4								
5	SCBP0632BN6	Screw, Machine		A-2547		3								
				A-2548		2								
6	SCBP0832BN6	Screw, Machine		AX-383		6								

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MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383	
													SHEET	8	OF 11
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS								
				USED ON	USED TO MOUNT	QUAN.									
	BS-100	Solder, Soft													
	CD-101-1-MW	Cord, Lacing	Black	CA-652											
				CA-667											
				CA-668											
				CA-695											
				CA-700											
1	LA-106-12-J3008	Marker, Wire		CA-700		1									
1	LA-106-12-J3009	Marker, Wire		CA-700		1									
1	LA-106-12-J3013	Marker, Wire		CA-700		1									
1	LA-106-12-J3014	Marker, Wire		CA-700		1									
2	LA-106-12-J3019	Marker, Wire		CA-700		2									
1	LA-106-12-J3020	Marker, Wire		CA-700		1									
1	LA-106-12-J3021	Marker, Wire		CA-700		1									
1	LA-106-12-P3007(J3106)	Marker, Wire		CA-700		1									
1	LA-106-12-P3008(J3505)	Marker, Wire		CA-700		1									
1	LA-106-12-P3009(J3103)	Marker, Wire		CA-700		1									
1	LA-106-12-P3010(J3401)	Marker, Wire		CA-700		1									
1	LA-106-12-P3011(J3503)	Marker, Wire		CA-700		1									
1	LA-106-12-P3012(J3407)	Marker, Wire		CA-700		1									
1	LA-106-12-P3013(J3504)	Marker, Wire		CA-700		1									
1	LA-106-12-P3014(J3501)	Marker, Wire		CA-700		1									
1	LA-106-12-P3015(J3402)	Marker, Wire		CA-700		1									
1	LA-106-12-P3016(J3406)	Marker, Wire		CA-700		1									
1	LA-106-12-P3017(J3405)	Marker, Wire		CA-700		1									
1	LA-106-12-P3018(J3107)	Marker, Wire		CA-700		1									
1	LA-106-12-P3019(J3502)	Marker, Wire		CA-700		1									
1	LA-106-12-P3020(J3701)	Marker, Wire		CA-700		1									
1	LA-106-19-M3001	Marker, Wire		CA-700		1									
1	LA-106-19-P3007(J3106)	Marker, Wire		CA-700		1									
1-6	MWC14(19)U1	Wire, Electrical	Brown	CA-652		18"									
3-8	MWC18(16)U0	Wire, Electrical	Black	CA-652		44"									

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MAMARONECK, NEW YORK

MATERIAL LIST

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OF

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QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
8-1	MWC20(7)U1	Wire, Electrical	Brown	CA-652		97"	
2-3	MWC22(7)U0	Wire, Electrical	Black	CA-652		27"	
5-3	MWC22(7)U2	Wire, Electrical	Red	CA-652		63"	
1-2	MWC22(7)U3	Wire, Electrical	Orange	CA-652		14"	
1-5	MWC22(7)U5	Wire, Electrical	Green	CA-652		17"	
0-9	MWC22(7)U6	Wire, Electrical	Blue	CA-652		9"	
3-8	MWC22(7)U8	Wire, Electrical	Gray	CA-700		44"	
4-5	MWC22(7)U9	Wire, Electrical	White	CA-652 CA-700		9" 44"	
5-6	MWC22(7)U92	Wire, Electrical	Wh/Red	CA-652		66"	
2-4	MWC24(7)U0	Wire, Electrical	Black	CA-667 CA-668 CA-695		9" 7" 12"	
2-4	MWC24(7)U1	Wire, Electrical	Brown	CA-667 CA-668 CA-695		9" 7" 12"	

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MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383		
													SHEET	10	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
2-4	MWC24(7)U2	Wire, Electrical	Red	CA-667		9"										
				CA-668		7"										
				CA-695		12"										
2-4	MWC24(7)U3	Wire, Electrical	Orange	CA-667		9"										
				CA-668		7"										
				CA-695		12"										
1-7	MWC24(7)U4	Wire, Electrical	Yellow	CA-668		7"										
				CA-695		12"										
1-7	MWC24(7)U5	Wire, Electrical	Green	CA-668		7"										
				CA-695		12"										
1-7	MWC24(7)U6	Wire, Electrical	Blue	CA-668		7"										
				CA-695		12"										
1-7	MWC24(7)U7	Wire, Electrical	Violet	CA-668		7"										
				CA-695		12"										
2-4	MWC24(7)U8	Wire, Electrical	Gray	CA-667		11"										
				CA-668		7"										
				CA-695		12"										
2-4	MWC24(7)U9	Wire, Electrical	White	CA-667		11"										
				CA-668		7"										
				CA-695		12"										
2-4	MWC24(7)U92	Wire, Electrical	Wh/Red	CA-667		9"										
				CA-668		7"										
				CA-695		12"										
1-8	PX-100-1-.034	Sleeving, Size 20	Black	A-2547		20"										
1-6	PX-100-1-.085	Sleeving, Size 12	Black	CA-667		4"										
				CA-668		7"										
				CA-695		7"										

MATERIAL LIST

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QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
3-6	PX-100-1-.187	Sleeving, Size	Black	CA-700		42"	
0-7	PX-104-9-.034	Sleeving, Size 20		A-2548		7"	
24-7	RG-174/U	Cable, RF		CA-480-71		7"	
				CA-700		288"	
0-10	WL-100-6	Wire, Buss, #24		A-2547		10"	
0-8	WL-100-7	Wire, Buss, #22	A-2548		8"		

MATERIAL LIST		REV.	A	B	C	D	E	F	G	H	J	K	MODEL	AX-383
SHEET 12 OF 13														
QUAN. PER UNIT	PART NO.	DESCRIPTION	SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS						
					USED ON	USED TO MOUNT	QUAN.							
1	A-2546	Front Panel Assembly			AX-383		1							
1	A-2547	Filter, Chassis Assembly			AX-383		1							
1	A-2548	Rear Plate Assembly			AX-383		1							
1	A-3053-1	Sub-Assembly, Bezel			A-3054-1		1							
1	A-3054-1	Final Assembly, Bezel			A-2546		1							
1	AX-383	F.P./Frame Assembly												
1	CA-480-71-7.00	Cable Assembly, RF			A-2548		1	W3007						
1	CA-652	Cable Assembly, Filter Panel			A-2547		1							
1	CA-667	Cable Assembly, Digital Readout Indic.			A-2546		1	W3001						
4	CA-668	Cable Assembly, Digital Readout Indic.			A-2546		3	W3002, 3003, 3004,						
					A-2546		1	W3005						
1	CA-695	Cable Assembly, Digital Readout, Indic.			A-2546		1	W3006						
1	CA-700	Cable Assembly, Main			AX-383		1	W3008						
1	CK-578	Schematic Diagram, Filter Panel,												
1	LD-1002	Engraving, Front Panel		MS-2734	A-2546		1							
1	LD-1020	Lettering, Rear Panel		MS-2781	A-2548		1							
1	LD-1038	Lettering, Filter Panel		MS-2738	A-2547		1							

MATERIAL LIST

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QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
1	S-404	Yellow Iridite		All Metal Work			
1	S-693	Wire, Marking Instructions		CA-480-71-7		1	
1	S-714	Test Procedure					

