



PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.							LIST NO.	SHEET 1 OF 10 SHEETS		
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE						
						<u>ELECTRICAL/MECHANICAL (SUPPORTING LISTS)</u>									
	1		AX-198 (NPL)		1	RF Output Ass'y.									
	1		RAK-9 (ML)		1	Basic Rack									

PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.										LIST NO.	ML-RAK-9B1		
	QUANTITY REQ.	N P L	PART NO.	REV	DWG	ISSUE										REF	SHEET		
					SIZE	A	B	C	D	E	F	G	H	I	J		K	L	2
					ELECTRICAL/MECHANICAL														
P	2		JJ-186		1	Adapter, Connector, HN to UHF										CU-2 Mtg.	CP612,613		
P	1		MS3057-12	-		Clamp, Cable										(1) CA-506	For P607		
P	1		MS3057-16	-		Clamp, Cable										(1) CA-507	For P609		
P	1		MS3106B20-27S	-		Connector, Plug, Female										(1) CA-506	P607		
P	1		MS3106B28-11P	-		Connector, Plug, Male										(1) CA-507	P609		
P	1		MS3420-12A	-		Bushing, Cable										(1) CA-506	For P607		
P	1		MS3420-16A	-		Bushing, Cable										(1) CA-507	For P609		
P	1		NP-103-42		4	Nameplate, Comm.											When Required		
P	1		NP-341		1	Nameplate, Navy											When Required		
	1		PL-176			Conn, Pl, Fml										(1)CA555-4	P401		
	2		PL-169			Connector, Plug, RF										(2)W629	P635,636		
P	1		PL-259A/TEF.		1	Connector, Plug, RF										(1) CA-383-78C	P612		
	1		PL-218			Conn, Pl, M1										(1)CA555-4	P402		
P	2		SA-103		1	Adapter, Connector, HN to UHF										CU-2 Mtg.	CP612,613		
P	4		TK-107-18		4	Slide Set, Tilt Lock											For PS-4, RFD,SBE,VOX		
P	1		TM-105-11AL		2	Fanning Strip, 11 Term.										(1) CA-506	E604 (For PS-4)		
P	1		TM-105-14AR		2	Fanning Strip, 14 Term.										(1) CA-507	E605 (For SBE)		





PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.								LIST NO.						
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	DESCRIPTION HARDWARE	REF	SYMBOLS	ISSUE								SHEET	OF	SHEETS
									ABC										4
P	2		CU-102-5		1	Clamp, "G" Type	(1) CA-506 (1) CA-507												
P	2		LWE06MRN		1	Lockwasher, Ext.	(1) CA-506 (1) CA-507												
P	80		LWE10MRN		1	Lockwasher, Ext.	TK-107 Mtg. (80)A-2038												
P	2		NTH0632BN8		1	Nut, Hex.	(1) CA-506 (1) CA-507												
P	2		SCBS0632BN8		1	Screw, Machine	(1) CA-506 (1) CA-507												
P	80		SCHH1032SN8		1	Screw, Hex. HD.	TK-107 Mtg. (80)A-2038												
P	6		TE-120-2		1	Terminal, Lug	(6) CA-506												
P	4		TE-159-34160		2	Terminal, Lug	(4) CA-506												

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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PURCHASED ITEM	MATERIAL LIST			MODEL	RAK-9B 1								PROJ. NO.	LIST NO.	ML-RAK-9B 1				
	QUANTITY REQ.	L P N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE								SHEET 5 OF 10 SHEETS		
									A B C										
						RAW MATERIALS													
P	X		BS-100		1	Solder, Soft													
P	X		HWC14(7)U9		2	Cable, Insulated	WHITE	CA-506											
P	X		HWC14(7)U90		2	Cable, Insulated	WH/BLACK	CA-506											
P	X		MWC22(7)S0		2	Cable, Insulated Shielded	BLACK	CA-507											
P	X		MWC22(7)S1		2	Cable, Insulated Shielded	BROWN	CA-507											
P	X		MWC22(7)S2		2	Cable, Insulated Shielded	RED	CA-507											
P	X		MWC22(7)S3		2	Cable, Insulated Shielded	ORANGE	CA-507											
P	X		MWC22(7)S4		2	Cable, Insulated Shielded	YELLOW	CA-507											
P	X		MWC22(7)A5		2	Cable, Insulated Shielded	GREEN	CA-507											
P	X		MWC22(7)S6		2	Cable, Insulated Shielded	BLUE	CA-507											
P	X		MWC22(7)S8		2	Cable, Insulated Shielded	GRAY	CA-507											
P	X		MWC22(7)U1		2	Cable, Insulated	BROWN	CA-506											
P	X		MWC22(7)U2		2	Cable, Insulated	RED	CA-506											
P	X		MWC22(7)U3		2	Cable, Insulated	ORANGE	CA-506											
P	X		MWC22(7)U4		2	Cable, Insulated	YELLOW	CA-506											
P	X		MWC22(7)U5		2	Cable, Insulated	GREEN	CA-506											
P	X		MWC22(7)U93		2	Cable, Insulated	WH/ORANGE	CA-506											



PURCHASED ITEM	MATERIAL LIST			MODEL	RAK-9B1										PROJ. NO.	LIST NO.	ML-RAK-9B1				
	QUANTITY REQ.	P	N	ISSUE	A	B	C									SHEET	6	OF	10	SHEETS	
				REV	DWG SIZE	DESCRIPTION										REF	SYMBOLS				
RAW MATERIALS																					
P	X				2	Cable, Insulated														BLACK	CA-506
P	X				2	Cable, Insulated														BROWN	CA-506
P	X				2	Cable, Insulated														BLUE	CA-506
P	X				2	Cable, Insulated														VIOLET	CA-506
P	X				2	Cable, Insulated														GRAY	CA-506
P	X				2	Cable, Insulated														WH/BLACK	CA-506
P	X				2	Cable, Insulated														WH/BROWN	CA-506
P	X				2	Cable, Insulated														WH/RED	CA-506
P	X				2	Cable, Insulated														WH/ORANGE	CA-506
P	X				2	Cable, Insulated														WH/YELLOW	CA-506
P	X				2	Cable, Insulated														WH/GRAY	CA-506
P	X				1	Insulation, Sleeving														BLACK	CA-506
P	X				1	Insulation, Sleeving														BLACK	CA-506
P	X				1	Insulation, Sleeving														BLACK	CA-506
P	X				1	Insulation, Sleeving														BLACK	CA-506
P	X				1	Insulation, Sleeving														BLACK	CA-507
P	X				1	Insulation, Sleeving														BLACK	(2)-5555-4
P	127"				1	Cable, R.F.															(78")CA-383-78C (49")CA-480-6-49
	80"					Cable, R.F.															(80")CA-480-3-80
	1					Con															(1) CA555-4

PURCHASED ITEM	MATERIAL LIST				MODEL	RAK-9B1										PROJ. NO.											LIST NO.	ML-RAK-9B1									
	QUANTITY REQ.	REV	PART NO.	REV	DWG											REF											SHEET	7 OF 10 SHEETS									
					SIZE	DESCRIPTION	SYMBOLS																														
SUPPORTING DRAWINGS																																					
1			A-2038		2	Slide Locations																															
1			CA-383-78C		1	Cable, RFD to SBE											W607 (P611, 612)																				
1			CA-480-6-49		2	Cable, VOX to SBE											W608 (P604, 613)																				
1			CA-506		R	Cable, Main											W610 (E604, P607)																				
1			CA-507-1		4	Cable, APP-4 to SBE											W609 (E605, P609)																				
1			CA-480-3-80		2	Cable, External ALDC											W629(P635, 636)																				
1			CA555-4			Cb1, Assy, Pwr, A1397											W401																				
1			CK-568		8	Wiring Diagram																															



PURCHASED ITEM	MATERIAL LIST			MODEL	RAK-9B1										PROJ. NO.	LIST NO.	ML-RAK-9B1				
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE										SHEET		
									A B C										8 OF 10 SHEETS		
						LOOSE ITEMS															
P	1		PL-176		1	Connector, Plug, Fml 2 Prong	J602 Mate	P627													
P	1		PL-150		1	Connector, Plug, RF (For AX-198)	J609 Mate	P606													
P	1		PL-190-NG		1	Connector, Plug, AC, 3 Prong	J601 Mate	P620													
P	4		SC-142-C		1	Eyebolt															
P	44		SCBS1032BN8		1	Screw, Machine													For Unit Mtg.		
P	1		UG-260/U		1	Connector, Plug, RF (For AX-198)	J606 Mate	P624													
P	1		UG-274/U		1	Adapter, Connector, Tee	For VOX	CP615 (J203 Mate)													
P	44		WA-101-11		1	Washer, Flat Fiber													For Unit Mtg.		

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.								LIST NO.	SHEET			
	QUANTITY REQ.	P	Z	ISSUE	RAK-9B 1									ML-RAK-9B1	9	OF	10
					DWG SIZE	DESCRIPTION PART PECULIAR	REF	SYMBOLS									
						FOR RAK-9B-B (BASE MOUNTING)											
P	4				1	Lockwasher, Split	(4)MS-1901	Mtg.									
P	1				8	Base, Rack											
P	4				1	Bolt Hex. Head	(4)MS-1901	Mtg.									

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.										LIST NO.						
	QUANTITY REQ.	N P L	PART NO.	REV	DWG SIZE	DESCRIPTION PARTS PECULIAR	REF	SYMBOLS	ISSUE										SHEET	OF	SHEETS
						FOR RAK-9B-S (SHOCK MOUNTING)															
P	6		LWS37MRN		1	Lockwasher, Split	(1)SH-104-4	Mtg.	A	B	C								10	OF	10
P	6		SCHH3716SN16		1	Bolt Hex. Head	(1)SH-104-4	Mtg.													
P	6		SH-104-4T6		1	Isolator, Shock															



