

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

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	ML-RAK-9C-1	
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS
						ELECTRICAL/MECHANICAL		
P	1		BB-117-2		2	Bearing, Nylon	(1)AS-116	
	1		MS-1879		1	Arm, Retractor Spring	(1)AS-116	
	2		MS-1927		1	Chassis, Voltage Divider	LD-890, LD-911	
	1		MS-2527		1	Bracket, Retractor Spring Mtg.	(1)A-2081	
P	1		MS3057-12		-	Clamp, Cable	(1)CA-506	For P607
P	1		MS3057-16		-	Clamp, Cable	(1)CA-508	For P609
P	1		MS3106B20-27S		-	Connector, Plug, Female	(1)CA-506	P607
P	1		MS3106B28-11P		-	Connector, Plug, Male	(1)CA-508	P609
P	1		MS3420-12A		-	Bushing, Cable	(1)CA-506	For P607
P	1		MS3420-16A		-	Bushing, Cable	(1)CA-508	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	P1
P	2		PL-149		1	Connector, Plug, RF	(1) W603	P605,
	1		PL-218			Conn, Pl, ML	(1) W604	P602
P	5		PL-259A/TEF.		1	Connector, Plug, RF	(1)CA555-4	P2
							(1) W603	P608,
							(1) W604	P610,
							(1) W607	P612,
							(1) W615	P622,
							(1) W627	P633
P	1		RC42GF101K		2	Resistor, Fixed, Composition	(1)A-2097	R604
P	2		RC42GF220K		2	Resistor, Fixed, Composition	(2)A-2097	R605, 606
P	1		RC42GF681K		2	Resistor, Fixed, Composition	(1)A-2049	R602
P	1		RC42GF750K		2	Resistor, Fixed, Composition	(1)A-2049	R603
P	1		SP-137-2		2	Spring, Retracting	(1)AS-116	
P	4		TK-107-18		4	Slide Set, Tilt Lock		For PS-4, RFD, VOX, XFK
P	1		TM-105-8AR		2	Fanning Strip, 8 Term.	(1) CA-508	E606 (For XFK)
P	1		TM-105-11AL		2	Fanning Strip, 11 Term.	(1) CA-506	E604 (For PS-4)

PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.	LIST NO. <u>ML-RAK-9C-1</u>	
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	Q	A	SHEET 3 OF 10 SHEETS
				DWG SIZE	DESCRIPTION		REF	SYMBOLS
					ELECTRICAL/MECHANICAL			
P	1		UG-176/U		1	Adapter, Reducer	(1)CA-383-78C	
P	6		UG-260/U		1	Connector, Plug, RF	(1)CA-480-6-25 (1)W607	P604, P611,
P	1		UG-261/U		1	Connector, Plug, BNC	(1)CA-480-6-25 (2)W628 (1)W627	P613, P628, P629 P634
P	4		UG-625/U		1	Connector, Receptacle, BNC	(1)W615	P632
							(2)A-2049 (2)A-2079	J615, J616 J617, 618

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.										LIST NO.	ML-RAK-9C-1					
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	Q	A										SHEET	5	OF	10	SHEETS
					DWG SIZE	DESCRIPTION						REF	SYMBOLS								
RAW MATERIALS																					
P	X		BS-100		1	Solder, Soft															
P	X		CD-101-1-MW		1	Cord, Lacing						A-2081									
P	X		HWC14(7)U9		2	Cable, Insulated						CA-506									
P	X		HWC14(7)U90		2	Cable, Insulated						WH/BLACK	CA-506								
P	X		MWC22(7)S1		2	Cable, Insulated Shielded						BROWN	CA-508								
P	X		MWC22(7)S2		2	Cable, Insulated Shielded						RED	CA-508								
P	X		MWC22(7)S4		2	Cable, Insulated Shielded						YELLOW	CA-508								
P	X		MWC22(7)S5		2	Cable, Insulated Shielded						GREEN	CA-508								
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								
P	X		MWC24(7)U0		2	Cable, Insulated						BLACK	CA-506								
P	X		MWC24(7)U1		2	Cable, Insulated						BROWN	CA-506								
P	X		MWC24(7)U6		2	Cable, Insulated						BLUE	CA-506								
P	X		MWC24(7)U7		2	Cable, Insulated						VIOLET	CA-506								
P	X		MWC24(7)U8		2	Cable, Insulated						GRAY	CA-506								
P	X		MWC24(7)U90		2	Cable, Insulated						WH/BLACK	CA-506								
P	X		MWC24(7)U91		2	Cable, Insulated						WH/BROWN	CA-506								

PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.										LIST NO.	ML-RAK-9C-1				
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	Q	A									SHEET	6	OF	10	SHEETS	
					DWG SIZE	DESCRIPTION						REF	SYMBOLS								
RAW MATERIALS																					
P	X		MWC24(7)U92		2	Cable, Insulated															WH/RED CA-506
P	X		MWC24(7)U93		2	Cable, Insulated															WH/ORANGE CA-506
P	X		MWC24(7)U94		2	Cable, Insulated															WH/YELLOW CA-506
P	X		MWC24(7)U98		2	Cable, Insulated															WH/GRAY CA-506
P	X		PX-100-1-.166		1	Insulation, Sleeving															BLACK CA-506
P	X		PX-100-1-.208		1	Insulation, Sleeving															BLACK CA-506
P	X		PX-100-1-.250		1	Insulation, Sleeving															BLACK CA-506, 508
P	X		PX-100-1-.330		1	Insulation, Sleeving															BLACK CA-506
P	X		PX-100-1-.375		1	Insulation, Sleeving															BLACK CA-506
			PX-100-1-.425		1	Insulation, Sleeving															BLACK CA-506
P	46"		RG-8/U		1	Cable, R.F.															(23")CA-512-2-23
P	225"		RG-59/U		1	Cable, R.F.															(32")CA-383-32C, (57")CA-383-57C, (33")CA-480-6-33, (54")CA-480-10-54 49")CA-480-6-49
	1		WI134-6-12																		(1)CA555-4
P	X		WL-100-7		1	Wire															A-2049

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	ML-RAK-9C-1		
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	SHEET 7 OF 10 SHEETS
						SUPPORTING DRAWINGS			
	1		A-2038		4	Slide Locations			
	1		A-2081		8	Cable Installation Assembly			
	1		A-2049		2	Voltage Divider, 10:1			
	1		A-2097		2	Attenuator Ass'y., 6DB, "T" Type			
	1		AS-116(2A-1787)		2	Retractor Spring Assembly	(1)A-2081		
	1		CA-383-32C			Cable, XFK to Voltage Divider		W627 (P633,P634)	
	1		CA-383-57C		1	Cable, 6 DB Pad to RFD		W607 (P611,612)	
	1		CA-480-6-33		2	Cable, VOX to Voltage Divider		W614 (P604,613)	
	1		CA-480-10-54		2	Cable, XFK to VOX		W615 (P622,P632)	
	1		CA-480-6-49		2	Cable, VOX to 6 DB Pad		W628 (P628,629)	
	1		CA-506		R	Cable, Main		W610 (E604,P607)	
	1		CA-508		4	Cable, APP-4 to XFK		W613 (E606,P609)	
	2		CA-512-2-23		2	Cable, AX-198 to SWR-1K	Xmitter Antenna	W603 (P605,608) W604 (P602,610)	
	1		CA555-4			Cbl, Assy, Pwr, XFR		W1	
	1		CK-570		8	Wiring Diagram			
P	1		LD-890		1	Lettering, Chassis, Voltage Divider	MS-1927		
P	1		LD-911		1	Lettering, Chassis, Attenuator	MS-1927		

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	ML-RAK-9C -1	
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS
						ISSUE	Q A	SHEET 8 OF 10 SHEETS
						LOOSE ITEMS		
	P	1	PL-176		1	Connector, Plug, AC, 3 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	48	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 (P102, P303 Mate)
	P	48	WA-101-11		1	Washer, Flat Fiber		For Unit Mtg.

PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.	LIST NO.	ML-RAK-9C -1	
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE		SHEET	9	OF 10 SHEETS
				DWG SIZE	DESCRIPTION			REF	SYMBOLS
					PARTS PECULIAR				
					FOR RAK-9C+B (BASE MOUNTING)				
P	4		LWS37MRN	1	Lockwasher, Split			(4) MS-1901	Mtg.
P	1		MS-1901	8	Base, Rack				
P	4		SCHH3716SN16	1	Bolt Hex. Head			(4) MS-1901	Mtg.

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO. ML-RAK-9C-1	
	QUANTITY REQ.	NPL	PART NO.	ISSUE	0	A	SHEET 10 OF 10 SHEETS
REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	PARTS PECULIAR		
					FOR RAK-9C-1 (SHOCK MOUNTING)		
P	6		LWS37MRN	1	Lockwasher, Split	(1)SH-104-4	Mtg.
P	6		SCHH3716SN16	1	Bolt Hex. Head	(1)SH-104-4	Mtg.
P	6		SH-104-4T6	1	Isolator, Shock		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

