

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

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	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
	1		PL-218			Conn, Pl, ML	(1)CA555-4	P2
P	3		PL-259A/TEF.		1	Connector, Plug, RF	(1)CA-383-78C	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	2		SA-103		1	Adapter, Connector, HN to UHF	CU-2 Mtg.	CP612,613
P	1		SP-137-2		2	Spring, Retracting	(1) AS-116	For PS-4, RFD, VOX, XFK
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)

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	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE	SHEET	OF	SHEETS	
									A	B	3	10	10
						ELECTRI CAL/MECHANICAL							
P	1		UG-176/U		1	Adapter, Reducer	(1)CA-383-78C						
P	2		UG-212C/U		1	Adapter, Connector, Angle	CU-2 Mtg.	CP609,610					
P	6		UG-260/U		1	Connector, Plug, RF	(1)CA-480-6-25 (1)CA-383-78C (1)CA-480-6-25 (2) W628 (1) W627	P604, P611, P613, P628,629 P634					
P	1		UG-261/U		1	Connector, Plug, BNC	(1) W615	P632					
P	4		UG-625/U		1	Connector, Receptacle	(2) A-2049 (2) A-2079	J615,J616 J617,618					
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	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE		SHEET	4 OF 10 SHEETS
				DWG SIZE	DESCRIPTION	REF	SYMBOLS	
					HARDWARE			
P	1		CU-101-9	1	Ferrule	(1)AS-116		
P	1		CU-102-2	1	Clamp, Cable, 3/16 D	(1)A-2081		
P	1		CU-102-3	1	Clamp, Cable, 1/4 D.	(1)A-2081		
P	8		CU-102-5	1	Clamp, Cable, 3/8 D.	(1) CA-506,	(6)A-2081	
						(1) CA-508		
P	5		CU-102-12	1	Clamp, Cable, 3/4 D.	(5)A-2081		
P	1		CU-131-10	2	Clamp, Cable, 1-1/4 D.	(1)A-2081		
P	1		LWE04MRN	1	Lockwasher, Ext.	(1) A-2049		
P	3		LWE06MRN	1	Lockwasher, Ext.	(1) CA-506,		
						(1) AS-116		
						(1) CA-508		
P	19		LWE08MRN	1	Lockwasher, Ext.	(19)A-2081		
P	80		LWE10MRN	1	Lockwasher, Ext.	TK-107 Mtg.,		
						(80)A-2038		
P	2		NT-129-632-3	2	Nut, Round, Swage Type	(2)MS-1927,		
						(2)MS-1927		
P	2		NTH0440BN8	1	Nut, Hex.	(1) A-2049,	(1)A-2097	
P	3		NTH0632BN8	1	Nut, Hex.	(1) CA-506,	(1)AS-116	
						(1) CA-508		
P	16		NTH0832BN10	1	Nut, Hex.	(16)A-2081		
P	4		SCBS0440BN3	1	Screw, Machine	(2) A-2049,	(2)A-2097	
P	4		SCBS0632BN4	1	Screw, Machine	(2) A-2049	Mtg., (2)A-2097 Mtg.	
P	3		SCBS0632BN8	1	Screw, Machine	(1) CA-506,	(1)AS-116,	
						(1) CA-508		
P	17		SCBS0832BN6	1	Screw, Machine	(17)A-2081		
P	80		SCHH1032SN8	1	Screw, Hex. Head	TK-107 Mtg.,	(80)A-2038	
P	2		SCBS0832BN8	1	Screw, Machine	(2)A-2081		
P	2		TE-104-3	1	Terminal, Lug	(2)A-2081		
P	2		TE-102-2	1	Terminal, Turret	(1) A-2049,	(1)A-2097	
P	2		TE-104-1	1	Lug, Terminal	(1) A-2049,	(1)A-2097	
P	6		TE-120-2	1	Terminal, Lug	(6) CA-506		
P	4		TE-159-34160	2	Terminal, Lug	(4) CA-506		

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	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	SHEET	OF 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	CA-506	
P	X		MWC22(7)S1		2 Cable, Insulated Shielded	CA-508	
P	X		MWC22(7)S2		2 Cable, Insulated Shielded	CA-508	
P	X		MWC22(7)S4		2 Cable, Insulated Shielded	CA-508	
P	X		MWC22(7)S5		2 Cable, Insulated Shielded	CA-508	
P	X		MWC22(7)U1		2 Cable, Insulated	CA-506	
P	X		MWC22(7)U2		2 Cable, Insulated	CA-506	
P	X		MWC22(7)U3		2 Cable, Insulated	CA-506	
P	X		MWC22(7)U4		2 Cable, Insulated	CA-506	
P	X		MWC22(7)U5		2 Cable, Insulated	CA-506	
P	X		MWC22(7)U93		2 Cable, Insulated	CA-506	

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.										LIST NO.	ML-RAK-9D-1							
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	DWG SIZE	DESCRIPTION	REF	SYMBOLS											SHEET	6	OF	10
							RAW MATERIALS																
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														
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														
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														
P	1		WI134-6-12						(1) CA555-4														
P	X		WL-100-7			1	Wire, Buss		A-2049														

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	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE		SHEET	OF	SHEETS
					DWG SIZE	DESCRIPTION	REF	SYMBOLS	
						SUPPORTING DRAWINGS			
	1		A-2038		2	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		2	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-506		R	Cable, Main		W610 (E604,P607)	
	1		CA-508		4	Cable, APP-4 to XFK		W613 (E606,P609)	
	1		CA-480-6-49		2	Cable, VOX to 6 DB Pad		W628 (P628,629)	
	1		CA-555-4			Cbl, Assy, Pwr, Xfr		W1	
	1		CK-571		8	Wiring Diagram			
P	1		LD-890		1	Lettering, Chassis, Voltage Divider	MS-1927		
P	1		LD-911		1	Lettering, Chassis, Attenuator	MS-1927		

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	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE		SHEET	OF	SHEETS
					DWG SIZE	DESCRIPTION	REF	SYMBOLS	
						LOOSE ITEMS			
P	1		PL-176		1	Connector, Plug, AC, 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, 2 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.	

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	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS
						FOR RAK-9D-1 (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.

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	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE		SHEET 10	OF 10 SHEETS
				DWG SIZE	DESCRIPTION		REF	SYMBOLS
					PARTS PECULIAR			
					FOR RAK-9D-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		

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