

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.										LIST NO.	SHEET								
	QUANTITY REQ.	REV	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	RAK-9A										ML-RAK-9A1	1	OF	10	SHEETS	
						ELECTRICAL/MECHANICAL (SUPPORTING LISTS)																		
	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.
	QUANTITY	P	N	L	ISSUE		SHEET
	REQ.				RAK-9A1		2 OF 10 SHEETS
				DWG	DESCRIPTION	REF	SYMBOLS
				SIZE	ELECTRICAL/MECHANICAL		
	1				Bearing, Nylon	(1) AS-116	
	1				Arm, Retracting Spring	(1) AS-116	
	1				Bracket, Retractor Spring Mtg.	(1)AS-116 Mtg.	
P	1				Clamp, Cable	(1)CA-506	For P607
P	1				Clamp, Cable	(1)CA-507	For P609
P	1				Connector, Plug, Female	(1) CA-506	P607
P	1				Connector, Plug, Male	(1) CA-507	P609
P	1				Bushing, Cable	(1) CA-506	For P607
P	1				Bushing, Cable	(1) CA-507	For P609
P	1			4	Nameplate, Comm.		When Required
P	1			1	Nameplate, Navy		When Required
	1				Conn, Pl, Fml	(1) CA555-4	P401
P	2			1	Connector, Plug, RF	(1) W603	P605,
	2			1	Connector, Plug, RF	(1) W604	P602
P	3			1	Connector, Plug, RF	(2) W629	P635,636
	1				Conn, Pl, Ml	(1)CA-383-78C	P612,
	1				Spring, Retracting	(1) W603	P608,
	1					(1) W604	P610
	1					(1) CA555-4	P402
P	4			4	Slide Set, Tilt Lock	(1) AS-116	
							For PS-4A,RFD,SBE,VOX
P	1			2	Fanning Strip, 11 Term.	(1) CA-506	E604 (For PS-4)
P	1			2	Fanning Strip, 14 Term.	(1) CA-507	E605 (For SBE)

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.										LIST NO.	ML-RAK-9A1			
	QUANTITY REQ.	L	P	REV	ISSUE	A	B	C								SHEET	3	OF	10
			PART NO.	REV	DWG SIZE	DESCRIPTION										REF	SYMBOLS		
						ELECTRICAL/MECHANICAL													
P	1		UG-176/U		1	Adapter, Reducer										(1)CA-383-78C			
P	3		UG-260/U		1	Connector, Plug, RF										(1)CA-383-78C (1)CA-480-6-49 (1)CA-480-6-49	P611, P604, P613		

PURCHASED ITEM	MATERIAL LIST			MODEL	RAK-9A1				PROJ. NO.	LIST NO.				ML-RAK-9A1			
	QUANTITY REQ.	L P N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE				SHEET				
									A B C				4 OF 10 SHEETS				
						HARDWARE											
	1		CU-101-9			Ferrule	(1)AS-116										
P	2		CU-102-5		1	Clamp, "G" Type	(1) CA-506 (1) CA-507										
	5		LWE08MRN			Lockwasher, Ext.	(2)AS-116 Mtg. (3)MS-2527 Mtg.										
P	3		LWE06MRN		1	Lockwasher, Ext.	(1) CA-506 (1) CA-507 (1) AS-116										
P	80		LWE10MRN		1	Lockwasher, Ext.	TK-107 Mtg. (80)A-2038										
	3		NT-129-832-4			Nut, Swage	(3) MS-2527										
P	3		NTH0632BN8		1	Nut, Hex.	(1) CA-506 (1) CA-507 (1) AS-116										
	2		NTH0832BN10			Nut, Hex	(2)AS-116 Mtg.										
P	3		SCBP0632BN8		1	Screw, Machine	(1) CA-506 (1) CA-507 (1) AS-116										
	3		SCBP0832BN6			Screw, Machine	(3)MS-2527 Mtg.										
	2		SCBP0832BN8			Screw, Machine	(2)AS-116 Mtg.										
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										

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.				LIST NO.
	QUANTITY REQ.	PPL	PART NO.	ISSUE	REV	SIZE	DESCRIPTION	REF	SHEETS
				A	B	C	RAW MATERIALS		5 OF 10 SHEETS
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)S5		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
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-9A1			
	QUANTITY REQ.	P L	PART NO.	REV	DWG	DESCRIPTION								REF	SYMBOLS		
					SIZE	RAW MATERIALS									SHEET	6 OF 10 SHEETS	
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				
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-.500		1	Insulation, Sleeving		BLACK					CA-507				
			PX-100-1-.625		1	Insulation, Sleeving		BLACK					CA-506				
P	46"		RG-8/U		1	Cable, R.F.							(23")CA-512-2-23				
P	127"		RG-59/U		1	Cable, R.F.							(78")CA-383-78C (49")CA-480-6-49				
	80"		RG-174/U		1	Cable, R.F.							(80")CA-480-3-80				
	1		WI-134-6-12			Cbl, Pwr							CA555-4				

PURCHASED ITEM	MATERIAL LIST			MODEL	RAK-9A1				PROJ. NO.					LIST NO.	ML-RAK-9A1			
	QUANTITY REQ.	REV	DWG SIZE	ISSUE	A	B	C							SHEET	7	OF	10	SHEETS
	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS												
				SUPPORTING DRAWINGS														
1	A-2038		4	Slide Locations														
1	AS-116 (2A-1787)			Retractor Spring Assembly														
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-507-2		4	Cable, APP-4 to SBE		W609 (E605,P609)												
1	CA-480-3-80		2	Cable, External ALDC,		W629 (P635,636)												
2	CA-512-2-23		2	Cable, AX-198 to SWR-1K	Xmitter Antenna	W603 (P605,608)												
1	CA555-4			Cbl, Assy, Pwr, A1397		W604 (P602,610) W401												
1	CK-567		8	Wiring Diagram														

PURCHASED ITEM	MATERIAL LIST			MODEL	RAK-9A1								PROJ. NO.	LIST NO.	ML-RAK-9A1				
	QUANTITY REQ.	P P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE								SHEET	8 OF 10 SHEETS	
									A B C										
						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, 3 Prong	J601 Mate	P620											
P	4		SC-142-C		1	Eyebolt													
P	44		SCBP1032BN8		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.	ML-RAK-9A1						
	QUANTITY REQ.	N P L	PART NO.	REV	DWG SIZE	DESCRIPTION PARTS PECULIAR	REF	SYMBOLS	ISSUE									SHEET	9	OF	10	SHEETS
						FOR RAK-9A-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.
	QUANTITY REQ.	L P Z	PART NO.	ISSUE	A B C				SHEET 10 OF 10 SHEETS
			REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS		
					PARTS PECULIAR				
					FOR RAK-9A- S (Shock Mounting)				
P	6			1	LWS37MRN Lockwasher, Split	(1)SH-104-4 Mtg.			
P	6			1	SCHH3716SN16 Bolt Hex Head	(1)SH-104-4 Mtg.			
P	6			1	SH-104-4 T6 Isolator, Shock				

