

CABINET, ELECTRICAL EQUIPMENT

MODEL RAK-20B

TITLE

MODEL  
SBG-1XUSED ON  
SECTIONQTY  
1

## LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

## SHEET NO.

## SEE BELOW

NONE  
1-17  
17-18  
18-19  
NONE  
NONE

## LAST SYMBOLS

COMPILED T. MEEHAN 3-24-65  
CHECKED L. GABEL 4-14-65  
APPROVED O. POSE  
FNL APPR *L. Gabel*  
ISS DATE 8-25-65

## MISSING SYMBOLS

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE ARE REQUIRED FOR BASE MOUNTED UNITS ONLY.

NOTE 3. ALL ITEMS REFERENCED TO THIS NOTE ARE REQUIRED FOR SHOCK MOUNTED UNITS ONLY.

**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

MODEL: RAK-20B

SHEET 1 OF 19

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A4077-1	TERM. BD, MACH	A4077-2			1		
A4077-2	TERM. BD, MKG	A4077-3			1		
A4077-3	TERM. BD, SUBASSY	A4077-4			1		
AD103-5	FIL, AIR COND	A4083			1	MP901	
BB117-2	BRG, SLV, 2/FLG, N	A1787			1		
BL106-2	FAN, AXIAL	A2079-8			2	B901, B902	
BS100	SOLDER, TIN ALY	A2048-1 A4075 A4077-4 A4078 A4083 CA409-32 CA550 CA551-1 CA551-2 CA551-3 CA575-5 CA576-8-5 CA590 CA745 CA991					
CD101-1MW	CD, NYLON, LACING	CA550 CA590 CA991					
CL270-10	COIL, RF, FXD	A4077-4			16	L1 thru L16	
CM15B511J	CAP., FXD, MICA	A4077-4			8	C1 thru C8	

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CU101-9	FRL,RF CBL,GRD	A1787			1		
CU102-2	CLAMP,LOOP-3/16	A4083		1	1		
		CA991		1	2		
CU102-5	CLAMP,LOOP-3/8	A4083			8		
CU102-6	CLAMP,LOOP-7/16	A4083			7		
CU102-7	CLAMP,LOOP-1/2	A4083			1		
CU102-10	CLAMP,LOOP-5/8	A4083			5		
CU102-12	CLAMP,LOOP-3/4	A4083			2		
CU110	BOX CONN,ELEC	A4075			1		
EY102-5	GROM.,RUB.	CA991			1		
EY102-20	GROM,RUB.,1/4D	A2079-8			8		
FS102-1	LOCKSPRING	MS2509-2			4		
FS109-3	RING,RETAINING	MS2509-2			4		
FS110-1	STUD,TURNLOCK	MS2509-2			4		
FW04HBN	WASH.,FLAT	A4083			4		
FW06HBN	WASH.,FLAT	A2079-8		8			
		A4083		4			
		CA991		1	13		
FW08HBN	WASH.,FLAT	A4083			18		

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			PART NO.			DESCRIPTION ELECTRICAL/MECHANICAL			ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS		REMARKS							
						USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT														
FW25HBN			WASH. ,FLAT			A2079-8					8											
JJ100			CONN, RECP, ML, AC			A4083					1		J911									
JJ294-1			CONN, RECP, FML, AC			A4075					7		J903 - 909									
JJ297-2			CONN, RECP, FML, AC			A4083					1		J910									
LA107-8-TO-J102			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J103			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J104			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J105			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J106			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J113			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J201			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J202			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J305			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J307			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J308			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J602			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J701			SLV, MARKER, CBL			CA590					1											
LA107-8-TO-J702			SLV, MARKER, CBL			CA590					1											

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SHEET 4 OF 19

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LA107-8-TO-J703	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J704	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J705	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J901	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J902	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J2303	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J2304	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J2701	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J2702	SLV, MARKER, CBL	CA590			1		
LA107-8-TO-J2706	SLV, MARKER, CBL	CA590			1		
LA107-16-TO-J402	SLV, MARKER, CBL	CA576-8-5			1		
LA107-16-TO-J2707	SLV, MARKER, CBL	CA576-8-5			1		
LA107-16-TO-J101	SLV, MARKER, CBL	CA551-1			1		
LA107-16-TO-J304	SLV, MARKER, CBL	CA551-3			1		
LA107-16-TO-J501	SLV, MARKER, CBL	CA551-2			1		
LA107-16-TO-J502	SLV, MARKER, CBL	CA551-3			1		
LA107-16-TO-J503	SLV, MARKER, CBL	CA551-1			1		
LA107-16-TO-J706	SLV, MARKER, CBL	CA551-2			1		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LD633/MS2509-2	CAB., EL EQ, BASIC		MS4196		1		
LD880/PX544-4	INS, TERM. -BD		A2079-8		1		
LD882/MS1927	CHAS, ATTEN		A2048-1		1		
LD886/MS2537	CHAS, FAN		A2079-8		1		
LD1682/PX877	BD, MTG, TERM. BD		A4076		1		
LWE04MRN	WASH., LK, EXT		A2048-1	1			
			A2079-8	8			
			A4083	4	13		
LWE06MRN	WASH., LK, EXT		A1787	1			
			A2079-8	8			
			A3517	1			
			A4076	8			
			A4078	8			
			A4083	9			
			CA991	1	36		
LWE08MRN	WASH., LK, EXT		A4083		18		
LWE10MRN	WASH., LK, EXT		A3517	2			
			A4083	99	101		
LWI06MRN	WASH., LK, INT		A4083		6		
LWI08MRN	WASH., LK, INT		A4083		2		
LWS03MRN	WASH., LK, SPLIT		MS2509-2		8		
LWS04MRN	WASH., LK, SPLIT		MS2509-2		48		
LWS37MRN	WASH., LK, SPLIT		A4083	4			NOTE 2
			A4083	6	10		NOTE 3

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MS154-1	PL,MTG,TERM. BD	A2079-8		2			
		A4076		4	6		
MS1850S	PLATE,ACCESS	MS2509-2			4		
MS1878	BRKT,MTG,SPRING	A4083			1		
MS1879	ARM,CBL	A1787			1		
MS1901	BASE,EL EQ RACK	A4083			1		NOTE 2
MS1927	CHAS,ATTEN	LD882			1		
MS2470	BRKT,MTG,RETR	A3517			1		
MS2509-2	CAB.,EL EQ,BASIC	LD1633			1		
MS2537	CHAS,FAN	LD886			1		
MS3057-12	CLP,CBL,EL CONN	CA576-8-5			1		
MS3106B20-27P	CONN,PL,ML	CA576-8-5			1	P402	W902
MS3420-8A	BUSH.,CBL	CA551-1		2			
		CA551-2		2			
		CA551-3		2	6		
MS3420-10A	BUSH.,CBL	CA576-8-5			2		
MS3420-12A	BUSH.,CBL	CA551-1		2			
		CA551-2		2			
		CA551-3		2	6		
MS3665	BRKT,MTG,TERM. BD	A4078			4		
MS4180	CHAS,FIL	A4078			1		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MS4190	CND ,RACEWAY ,MTL	A4075			1		
MS4196	CAB. ,ELEC EQUIP	A4083			1		
MWC12/19/U0	WIRE ,ELEC ,INS	A4075			70		
MWC12/19/U9	WIRE ,ELEC ,INS	A4075			70		
MWC16/19/U1	WIRE ,ELEC ,INS	CA576-8-5			101		
MWC16/19/U3	WIRE ,ELEC ,INS	CA551-1		90	300		
		CA551-2		99			
		CA551-3		111			
MWC16/19/U5	WIRE ,ELEC ,INS	CA551-1		90	300		
		CA551-2		99			
		CA551-3		111			
MWC16/19/U6	WIRE ,ELEC ,INS	CA576-8-5			101		
MWC16/19/U9	WIRE ,ELEC ,INS	CA576-8-5			101		
MWC16/19/U90	WIRE ,ELEC ,INS	CA576-8-5			101		
MWC16/19/U91	WIRE ,ELEC ,INS	CA576-8-5			101		
MWC16/19/U93	WIRE ,ELEC ,INS	CA576-8-5			101		
MWC16/19/U94	WIRE ,ELEC ,INS	CA551-1		90	300		
		CA551-2		99			
		CA551-3		111			
MWC16/19/U95	WIRE ,ELEC ,INS	CA551-1		90	300		
		CA551-2		99			
		CA551-3		111			



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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC18/16/U0	WIRE ,ELEC , INS	CA576-8-5			101		
MWC18/16/U7	WIRE ,ELEC , INS	CA576-8-5			101		
MWC18/16/U8	WIRE ,ELEC , INS	CA576-8-5			101		
MWC18/16/U94	WIRE ,ELEC , INS	CA576-8-5			101		
MWC20/7/U0	WIRE ,ELEC , INS	CA550			13		
MWC20/7/U4	WIRE ,ELEC , INS	CA550			9		
MWC20/7/U7	WIRE ,ELEC , INS	CA550			13		
MWC20/7/U9	WIRE ,ELEC , INS	CA550			9		
MWC22/7/SJ1	CBL,SP ,SHLD/JKT	CA991			81		
MWC22/7/SJ2	CBL,SP ,SHLD/JKT	CA991			81		
MWC22/7/SJ3	CBL,SP ,SHLD/JKT	CA991			81		
MWC22/7/SJ4	CBL,SP ,SHLD/JKT	CA991			81		
MWC22/7/SJ5	CBL,SP ,SHLD/JKT	CA991			90		
MWC22/7/SJ6	CBL,SP ,SHLD/JKT	CA991			90		
MWC22/7/SJ7	CBL,SP ,SHLD/JKT	CA991			90		
MWC22/7/SJ8	CBL,SP ,SHLD/JKT	CA991			90		
MWC22/7/SJ91	CBL,SP ,SHLD/JKT	CA991			56		
MWC22/7/SJ92	CBL,SP ,SHLD/JKT	CA991			56		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC22/7/SJ93	CBL,SP,SHLD/JKT	CA991			67		
MWC22/7/SJ94	CBL,SP,SHLD/JKT	CA991			67		
MWC22/7/U0	WIRE,ELEC,INS	CA409-32		2x2			
		CA551-1		90			
		CA551-2		99			
		CA551-3		111			
		CA745		32			
		CA991		20	356		
MWC22/7/U1	WIRE,ELEC,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U2	WIRE,ELEC,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111			
		CA576-8-5		101	401		
MWC22/7/U4	WIRE,ELEC,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U6	WIRE,ELEC,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U7	WIRE,ELEC,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U9	WIRE,ELEC,INS	CA745			32		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC22/7/U90	WIRE ,ELEC ,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U91	WIRE ,ELEC ,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U92	WIRE ,ELEC ,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U93	WIRE ,ELEC ,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U96	WIRE ,ELEC ,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/U97	WIRE ,ELEC ,INS	CA551-1		90			
		CA551-2		99			
		CA551-3		111	300		
MWC22/7/UPINK	WIRE ,ELEC ,INS	CA576-8-5			101		
NP103-42	PLATE , IDENT-COML	A4083			1		
NT117-2520A	NUT ,SELF-LKG,FLT	MS2509-2			24		
NT129-632-3	NUT,PLN,SPLINE	MS1927		2			
		MS4190		4	6		
NT129-832-4	NUT,PLN,SPLINE	MS2537			12		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
NTH0348BN6	NUT,PLN,HEX	MS2509-2			8		
NTH0440BN6	NUT,PLN,HEX	A2079-8 MS2509-2		8 48	56		
NTH0440BN8	NUT,PLN,HEX	A2048-1			1		
NTH0632BN8	NUT,PLN,HEX	A1787 A2079-8 A4083 CA991		1 8 8 1	18		
NTH0832BN10	NUT,PLN,HEX	A4083			18		
NTH1032BN12	NUT,PLN,HEX	A4083			3		
PL171	CONN,PL,ML,AC	CA745			1	P904	
PL176	CONN,PL,FML,AC	CA555-4 CA555-4 CA555-4		1 1 1	3	P401 P504 P605	W906 W909 W904
PL186	CONN,PL,FML,ANG	CA551-1 CA551-3 CA551-2 CA576-8-5		1 1 1 1	4	P101 P304 P706 P2707	W908 W903 W907 W902
PL187	CONN,PL,ML,ANG	CA551-2 CA551-3 CA551-1		1 1 1	3	P501 P502 P503	W907 W903 W908
PL218	CONN,PL,ML,AC	CA575-5 CA555-4 CA555-4 CA555-4		1 1 1 1	4	P908 P906 P907 P909	W910 W904 W906 W909



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		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PL244-1	CONN, PL, RF, BNC	CA590		3	24	P102, 103, 104	
		CA590		3		P105, 106, 201	
		CA590		3		P202, 113, 305	
		CA590		3		P307, 308, 602	
		CA590		3		P701, 702, 703	
		CA590		3		P704, 705, 901	
		CA590		3		P902, 2303, 2304	
		CA590		3		P2701, 2702, 2706	
PO160	CND, RACEWAY, MTL	MS4190			1		
PO161	END FTG, BLANK	A4075			1		
PO162	CONDUIT OUTLET	A4075			1		
PO163-1.000	COVER, CND	A4075			1		
PO163-2.000	COVER, CND	A4075			1		
PO163-3.000	COVER, CND	A4075			1		
PO163-5.000	COVER, CND	A4075			1		
PO163-33.750	COVER, CND	A4075			1		
PX100-1-085	INS SLVG-SZ 12	CA745			8		
PX100-1-106	INS SLVG-SZ 10	CA551-1		12	36		
		CA551-2		12			
		CA551-3		12			
PX100-1-148	INS SLVG-SZ 7	CA551-1		2	6		
		CA551-2		2			
		CA551-3		2			

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PX100-1-166	INS SLVG-SZ 6	CA745			18		
PX100-1-208	INS SLVG-SZ 4	CA590		24			
		CA991		32	56		
PX100-1-294	INS SLVG-SZ 1	CA991			7		
PX100-1-315	INS SLVG-SZ 5/16	CA991			55		
PX100-1-375	INS SLVG-SZ 3/8	CA991			18		
PX100-1-438	INS SLVG-SZ 7/16	CA551-1		87			
		CA576-8-5		100	187		
PX100-1-625	INS SLVG-SZ 5/8	CA590			103		
PX100-3-438	INS SLVG-SZ 7/16	CA551-3			108		
PX100-4-438	INS SLVG-SZ 7/16	CA551-2			96		
PX104-1-034	INS SLVG-SZ 20	A4077-4			22		
PX104-2-034	INS SLVG-SZ 20	A4077-4			3		
PX104-3-034	INS SLVG-SZ 20	A4077-4			3		
PX104-4-034	INS SLVG-SZ 20	A4077-4			3		
PX104-5-034	INS SLVG-SZ 20	A4077-4			3		
PX104-6-034	INS SLVG-SZ 20	A4077-4			3		
PX104-7-034	INS SLVG-SZ 20	A4077-4			3		
PX104-8-034	INS SLVG-SZ 20	A4077-4			3		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PX104-9-034	INS SLVG-SZ 20	A4077-4			3		
PX336-4	INS ,TERM. BD	A2079-8			1		
PX544-4	INS ,TERM. BD	LD880			1		
PX830-18-1	INS SLVG-SHRINK	A4083			12		
PX871-11	WRG DIAG ,LAM	A4083			1		
PX877	BD ,MTG ,TERM. BD	LD1682			1		
RC42GF330K	RES ,FXD ,COMP	A2048-1			2	R901, 902	
RC42GF470K	RES ,FXD ,COMP	A2048-1			1	R903	
RG174/U	GBL ,RF	CA590			860		
SCBP0440BN3	SCR ,MACH	A2048-1			2		
SCBP0440BN8	SCR ,MACH	A4083			4		
SCBP0440BN12	SCR ,MACH	A2079-8			4		
SCBP0632BN4	SCR ,MACH	A4078 A4083		4 4	8		
SCBP0632BN5	SCR ,MACH	A3517			1		
SCBP0632BN6	SCR ,MACH	A4083			7		
SCBP0632BN8	SCR ,MACH	A1787 A4078 A4083 CA991		1 8 4 1	14		



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REV.

MODEL: RAK-20B

SHEET 15 OF 19

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SCBP0632BN10	SCR, MACH	A4076			8		
SCBP0632BN14	SCR, MACH	A2079-8			8		
SCBP0832BN5	SCR, MACH	A4083			2		
SCBP0832BN8	SCR, MACH	A4083			18		
SCBP1024BN5	SCR, MACH	A3517			2		
SCBP1032BN8	SCR, MACH	A4083			4		
SCBP2520BN10	SCR, MACH	MS2509-2			24		
SCFP0348BN6	SCR, MACH	MS2509-2			8		
SCFP0440BN8	SCR, MACH	MS2509-2			48		
SCHH1032SN8	BOLT, MACH	A4083			99		
SCHH3716SN16	BOLT, MACH	A4083		4			NOTE 2
		A4083		6	10		NOTE 3
SFB0256SN3	SCR, TAP., THD CTG	A4083			4		
SFB0832SN4	SCR, TAP., THD CTG	A4083			2		
SH104-4T6	MOUNT, RESILENT	A4083			6		NOTE 3
SP137-2	RETR, CORD, SWBD	A1787		1			
		A3517		1	2		
TA100-1	INS TAPE, EL-PLST	CA991					



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MODEL: RAK-20B

SHEET 16 OF 19

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE102-2	TERM. ,STUD-INS	A2048-1			1		
TE104-1	TERM. ,LUG-LKG	A2048-1			1		
TE104-3	TERM. ,LUG-LKG	A4083			2		
TE108-16	NUT,PLN,CLINCH	A4077-3			1		
TE108-20	NUT,PLN,CLINCH	A4077-3			4		
TE109-2	TERM. ,STUD	A4077-3			36		
TE117-30	SPACER,SLV	A2079-8			8		
TE120-2	TERM. ,LUG-SPADE	CA409-32		2x2			
		CA550		4			
		CA575-5		3	11		
TE155-34170	TERM. ,LUG-INS	CA588-5			2		
TE159-34168	TERM. ,LUG-INS	A4075			24		
TK105-18	TRACK SET,TILTLK	A4083			1		
TK106-18	TRACK SET,FXD	A4083			1		
TK107-18	TRACK SET,TILTLK	A4083			2		
TK108-18	TRACK SET,TILTLK	A4083			4		
TM100-6	TERM. BD-BARR	A4076			2	TB1,2	
TM102-4	TERM. BD-BARR	A2079-8			1	TB901	
TM105-9AL	TERM. BD-FNG	CA991			1	TB201	

**MATERIAL LIST /  
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REV.

MODEL: RAK-20B

SHEET 17 OF 19

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
UG625*/U	CONN, RECP-BNC	A2048-1			2	J901, 902	
WA101-4	WASH., NM	A2079-8			8		
WA101-11	WASH., NM	A4083			4		
WI121-7	CBL, PWR, 2/C	CA588-5			22		
WI134-6-12	CBL, PWR, 3/C, GLD	CA555-4 CA575-5		1x3 1	4		
WL100-7	WIRE, ELEC, BUSS	A4077-4			62		
SUPP ASSY/REF DWGS							
A2048-1	ATTEN ASSY	A4083			1	AT901	
A2079-8	FAN ASSY	A4083			1	A902	
A3517	RETR ASSY	A4083			1	MP902	
A4076	TERM. BD ASSY	A4078			1		
A4077-4	TERM. BD ASSY	A4078			1		
A4078	FIL ASSY, AF	A4083			1	FL901	
A4083	RAK-20B FNL ASSY	RAK-20B			1		
AS116	SPG ASSY, RETR	A4083			1	MP903	#A1787
AX542	STRIP ASSY, PWR	A4083			1	A901	#A4075

**MATERIAL LIST /  
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MODEL: RAK-20B

SHEET 18 OF 19

PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA409-32-2.00	LEAD,ELEC	A2079-8			2		
CA550	WRG HARN, BRCHD	A2079-8			1	W911	
CA551-1	CBL ASSY, SP, 16/C	CA590			1	W908	
CA551-2	CBL ASSY, SP, 16/C	CA590			1	W907	
CA551-3	CBL ASSY, SP, 16/C	CA590			1	W903	
CA555-4	CBL ASSY, PWR, AC	A4083			3	W904,906,909	
CA575-5	CBL ASSY, PWR, AC	A2079-8			1	W910	
CA576-8-5	CBL ASSY, SP, 12/C	CA590			1	W902	
CA588-5	CBL ASSY, PWR, AC	A4075			1	W912	
CA590	WRG HARN, BRCHD	A4083			1	W905	
CA745	CBL ASSY, SP, BRCHD	A4083			1	W901	
CA991	WRG HARN, BRCHD	A4083			1	W913	
CK879	DIAG, WRG	PX871-11			1		
SPECIFICATIONS							
S113	VARN, FUNGUS RES.	A4077-2					
S114	ZN CHROMATE PRM	MS2537 MS1850S					



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MODEL: RAK-20B

SHEET 19 OF 19

PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S404	IRIDITE ,YEL	MS1878 MS1879 MS1927 MS2470 MS3665 MS4180					
S520	PAINT, BLU-GY TEX	MS1850S MS2509-2 MS2537					
S523	PAINT, BLU-GY SM	MS2509-2					