

CABINET, ELECTRICAL EQUIPMENT

MODEL RAK-44

TITLE

USED ON
SECTIONMODEL
LRRA-1QTY
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
1
1-9
9-10
10
NONE

LAST SYMBOLS

COMPILED T. MEEHAN
CHECKED L. GABEL
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: A3840 WAS USED IN LIEU OF A4308 ON LRRA-1 SYSTEMS SERIAL NO'S 16336 THRU 16361

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

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SHEET 1 OF 10

PART NO.	DESCRIPTION SUPPORTING LISTS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
RAK-75-1	CAB.,EL EQ, 69 HGT	MS4026			1		
AD103-5	ELECTRICAL/MECHANICAL FIL,AIR COND	A3867			1	MP1001	
BS100	SOLDER,TIN ALY	A4308 CA864 CA907-3 CA907-5 CA931					
CD101-1MW	CD,NYLON,LACING	CA931					
CJ100-3	CHAIN,BEAD	CJ104-4.00		4x5	20		
CU102-3	CLAMP,LOOP-1/4D	A3867 CA931		2 1	3		
CU102-4	CLAMP,LOOP-5/16D	CA931			1		
CU110	BOX CONN,ELEC	A3730			3		
CU131-6	CLAMP,LOOP,CUSH	A3867			1		
CU131-7	CLAMP,LOOP,CUSH	A3867			3		
CU131-8	CLAMP,LOOP,CUSH	A3867			1		
CU131-9	CLAMP,LOOP,CUSH	A3867			2		
CU142-3-9	STRAP,CBL,ADJ	CA931			5		
EY102-14	GROM,RUB.,3/4D	A4308			1		
FI104	FIL,RADIO INTFER	A3730			1		
FW06HBN	WASH.,FLAT	CA931			7		

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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			
FW10HBN	WASH. ,FLAT		CA931		5		
HB101-5N	BUTTON, PLUG		A3730		1		
JJ213	ADPT, CONN, RF		A4308		1	J1	
LA107-7-239	SLV, MARKER, CBL		CA931		1		
LA107-7-240	SLV, MARKER, CBL		CA931		1		
LA107-7-241	SLV, MARKER, CBL		CA931		1		
LA107-7-249	SLV, MARKER, CBL		CA931		1		
LA107-7-368	SLV, MARKER, CBL		CA931		1		
LA107-7-370	SLV, MARKER, CBL		CA931		1		
LA107-7-373	SLV, MARKER, CBL		CA931		1		
LA107-7-375	SLV, MARKER, CBL		CA931		1		
LA107-7-376	SLV, MARKER, CBL		CA931		1		
LA107-7-378	SLV, MARKER, CBL		CA931		1		
LA107-7-380	SLV, MARKER, CBL		CA931		1		
LA107-7-381	SLV, MARKER, CBL		CA931		1		
LA107-7-382	SLV, MARKER, CBL		CA931		1		
LA107-7-385	SLV, MARKER, CBL		CA931		1		
LA107-7-388	SLV, MARKER, CBL		CA931		1		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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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			
LA107-11-387	SLV, MARKER, CBL		CA931		1		
LA107-13-242	SLV, MARKER, CBL		CA931		1		
LA107-13-243	SLV, MARKER, CBL		CA931		1		
LA107-13-250	SLV, MARKER, CBL		CA931		1		
LA107-13-251	SLV, MARKER, CBL		CA931		1		
LA107-13-253	SLV, MARKER, CBL		CA931		1		
LA107-13-254	SLV, MARKER, CBL		CA931		1		
LA107-13-372	SLV, MARKER, CBL		CA931		1		
LA107-13-374	SLV, MARKER, CBL		CA931		1		
LA107-13-377	SLV, MARKER, CBL		CA931		1		
LA107-13-379	SLV, MARKER, CBL		CA931		1		
LA107-13-383	SLV, MARKER, CBL		CA931		1		
LA107-13-390	SLV, MARKER, CBL		CA931		1		
LA107-15-252	SLV, MARKER, CBL		CA931		1		
LA107-16-386	SLV, MARKER, CBL		CA931		1		
LA107-17-258	SLV, MARKER, CBL		CA931		1		
LA107-17-263	SLV, MARKER, CBL		CA931		1		
LA107-17-384	SLV, MARKER, CBL		CA931		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			
LA107-17-389	SLV, MARKER, CBL	CA931			1		
LA107-67-369	SLV, MARKER, CBL	CA931			1		
LD1970/MS4686	CHAS, OUTPUT	A4308			1		
LWE04MRN	WASH., LK, EXT	A4308			4		
LWE06MRN	WASH., LK, EXT	A3517 A4308 CA931		1x5 2 7	14		
LWE10MRN	WASH., LK, EXT	A3517 A3867		2x5 23	33		
MS105-3S	CPLG, BEAD CHAIN	CJ104-4.00		2x5	10		
MS154-1	PL, MTG, TERM. BD	A4308			2		
MS2470	BRKT, MTG, RETR	A3517		1x5	5		
MS3057-6	CLP, CBL, EL CONN	CA907-3 CA907-5 CA931		1x2 1x2 6	10		
MS3106A14S1S	CONN, PL, FML	CA907-5 CA907-3 CA907-5 CA907-3		1 1 1 1	4	P111-1 P113-2 P451 P910	W1002 W1004 W1003 W1005
MS3106A14S2P	CONN, PL, ML	CA931			1	P1005	
MS3106A14S2S	CONN, PL, FML	CA931			4	P112-1, 114-2, 456, 911	
MS3106A14S6P	CONN, PL, ML	CA931			1	P1006	

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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			
MS3420-4A	BUSH, RUB.	CA907-3 CA907-5 CA931		1x2 1x2 6	10		
MS3420-6A	BUSH, RUB.	CA907-3 CA907-5 CA931		1x2 1x2 6	10		
MS4026	CAB., ELEC EQUIP	A3867			1		
MS4686	CHAS, OUTPUT	LD1970			1		
MWC16/19/U0	WIRE, ELEC, INS	CA931			99		
MWC16/19/U1	WIRE, ELEC, INS	CA931			104		
MWC16/19/U2	WIRE, ELEC, INS	CA931			118		
MWC16/19/U3	WIRE, ELEC, INS	CA931			120		
MWC16/19/U90	WIRE, ELEC, INS	CA931			99		
MWC16/19/U91	WIRE, ELEC, INS	CA931			110		
MWC16/19/U92	WIRE, ELEC, INS	CA931			118		
MWC16/19/U93	WIRE, ELEC, INS	CA931			120		
MWC22/7/SJ1	CBL, SP, SHLD/JKT	CA931			78		
MWC22/7/SJ2	CBL, SP, SHLD/JKT	CA931			71		
MWC22/7/SJ91	CBL, SP, SHLD/JKT	CA931			71		
MWC22/7/SJ92	CBL, SP, SHLD/JKT	CA931			70		

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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/U3	WIRE ,ELEC , INS	CA931			93		
MWC22/7/U4	WIRE ,ELEC , INS	CA931			85		
MWC22/7/U5	WIRE ,ELEC , INS	CA931			84		
MWC22/7/U6	WIRE ,ELEC , INS	CA931			86		
MWC22/7/U7	WIRE ,ELEC , INS	CA931			86		
MWC22/7/U9	WIRE ,ELEC , INS	CA931			112		
MWC22/7/U90	WIRE ,ELEC , INS	CA931			112		
MWC22/7/U93	WIRE ,ELEC , INS	CA931			93		
MWC22/7/U94	WIRE ,ELEC , INS	CA931			84		
MWC22/7/U96	WIRE ,ELEC , INS	CA931			86		
NP103-42	PLATE , IDENT-COML	A3867			1		
NT129-632-4	NUT , PLN , SPLINE	MS4686			2		
NTH0440BN8	NUT , PLN , HEX	A4308			4		
NTH0632BN8	NUT , PLN , HEX	A4308			2		
		CA931			7		
NTH1032BN12	NUT , PLN , HEX	A3867			1		
		CA931			5		
PL243	CONN , PL , RF , BNC	CA864			2	P903-2,903-3	W1007
PL244-1	CONN , PL , RF , BNC	CA931			17	P110,111-2,112-2, P113-1,114-1,115,116 P118,122, 452-455, , 484,904,913 ,903-4	
PX100-1-085	INS SLVG-SZ 12	CA907-3		6x2			
		CA907-5		6x2	24		

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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			
PX100-1-133	INS SLVG-SZ 8	CA931					
PX100-1-208	INS SLVG-SZ 4	CA931					
PX100-1-263	INS SLVG-SZ 2	CA931					
PX100-1-294	INS SLVG-SZ 1	CA931					
PX100-1-315	INS SLVG-SZ 5/16	CA931					
PX100-1-330	INS SLVG-SZ 0	CA931					
PX100-1-438	INS SLVG-SZ 7/16	CA931					
PX100-1-500	INS SLVG-SZ 1/2	CA931					
PX100-1-750	INS SLVG-SZ 3/4	CA931					
PX104-1-034	INS SLVG-SZ 20	A4308			6		
PX337-16	INS ,TERM. BD	A4308			1		
PX667	INS ,ADPT	A4308			1		
PX830-10-1	INS SLVG-SHRINK	CA864- CJ104-4.00		1 4x5	21		
PX871-7	WRG DIAG ,LAM	A3867			1		
PX10001-1	BUSH. ,ELEC COND	CA795-5			2		
RG174/U	CBL ,RF	CA864 CA931		6 872	878		
SCBP0440BN9	SCR ,MACH	A4308			4		

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		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SCBP0632BN5	SCR,MACH	A3517		1x5	5		
SCBP0632BN6	SCR,MACH	A3867 A4308 CA931		2 2 7	11		
SCBP0632BN7	SCR,MACH	CA931			5		
SCBP1024BN5	SCR,MACH	A3517		2x5	10		
SCBP1032BN5	SCR,MACH	A3867			11		
SCBP1032BN6	SCR,MACH	CA931			5		
SCBP1032BN7	SCR,MACH	A3867			12		
SFB0256SN3	SCR,TAP.,THD CTG	A3867			4		
SP137-2	RETR,CORD,SWBD	A3517		1x5	5		
TA100-1	INS TAPE,EL-PLST	CA907-3 CA907-5 CA931		3x2 3x2 12	24		
TE104-4	TERM.,LUG-LKG	CA931			5		
TE120-2	TERM.,LUG-SPADE	CA931			5		
TE149-120	TERM.,LUG-NO. 4	A4308			1		
TE159-34161	TERM.,LUG-INS	CA907-3 CA907-5		4x2 4x2	16		
TK115-18	TRACK,SET,TILTTLK	A3867			5		

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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			
TM100-16	TERM. BD-BARR	A4308			1	TB1001	
TM105-3AR	TERM. BD-FNG	CA931			1	TB1501	
TM105-14AR	TERM. BD-FNG	CA931			1	TB101-2	
UG260*/U	CONN, PLUG-BNC	CA864			1	P903-1	W1007
WI138-2	CBL, PWR, ARM. -3/C	CA795-5			52		
WI142-2	CBL, PWR, SHLD/JKT	CA907-5		98 x 2	196		
WI142-12	CBL, PWR, SHLD/JKT	CA907-3		118x2	236		
WL100-6	WIRE, ELEC, BUSS	A4308			6		
SUPP ASSY/REF DWGS							
A3517	RETR ASSY	A3867			5	MP1002 - 1006	
A3730	FILTER ASSY	A3867			1	FL1001	
A3867	RAK-44 FNL ASSY	RAK-44			1		
A4308	WRG HARN/CHAS	A3867			1		NOTE 2
CA795-5	CBL ASSY, PWR, 3/C	A3867			1	W1006	
CA864	CBL ASSY, RF	A3867			1	W1007	
CA907-3	CBL ASSY, PWR-3/C	CA931			2	W1004, W1005	

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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			
CA907-5	CBL ASSY,PWR-3/C	CA931			2	W1002,W1003	
CA931	WRG HARN,BRCHD	A4308			1	W1001	
CH390	CHART,UNIT BKDN	RAK-44			1		
CJ104-4.00	CHAIN ASSY,BEAD	CA931			5		
CK786	DIAG,SCHEM	PX871-7			1		
S404	SPECIFICATIONS IRIDITE,YEL	MS4686					

