

		REVISIONS					
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X		EXP. RELEASE	10-1-64	X	3/26		
X		BUILD-UP UPDATED	10-20-64	X	3/26		
X		LA107 P/W'S CLARIFIED; MODEL WAS ARCA-1.	2-17-65	X	2/2		
X		BUILD-UP UPDATED; ADD CHART FOR IT. 47	3-24-65	X	1/1		
		ORIGINAL RELEASE FOR PRODUCTION	4-19-65		8/2		
A		IT. 33 WAS PL247-1	5-7-65	14037	3/2		
B		IT 29 WAS MS 3420-10 IT 44 WAS LA107-13-PA003	7/6-65	4494	2/1		
C		IT 33 WAS PL247-15	9-22-66	14119	1/1		



SYMBOL - DENOTES

- = ITEM NO'S
- △ = PIN NO'S
- = TAGS
- (with dashed line) = BREAKOUTS

UNLESS OTHERWISE SPECIFIED WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE AS THEY APPEAR IN ITEM COLUMN BY CATEGORY.

- ALL R.F. CABLES
- ALL SHIELDED CABLES
- ALL OTHERS

SPACE LACING APPROXIMATELY 3/4" APART.

THIS SYMBOL DENOTES END OF INSULATION AND NAIL DRIVING POINT. WIRE MUST BE STRIPPED 3/4" BEYOND THIS POINT AND TINNED 1/2" UNLESS OTHERWISE SPECIFIED.

ITEM	QTY.	NUMBER
47	2	5
48	2	10
49	2	15
50	2	18
51	2	23
52	2	28

QTY.	NUMBER	DESCRIPTION
X	47	LA101 BAND, MARKER, CABLE
X	48	TA100-1 INSULATION TAPE, ELEC-PLASTIC 1/4 WIDE
X	49	CD101-1MW CORD, NYLON, LACING
1	43	LA107-18-P4003-1 SLEEVE, MARKER, CABLE-SPLIT
1	42	13-P6219-2
1	41	13-P6218
1	40	13-P7014-4
1	39	13-P7014-2
4	38	LA107-18-CA912 SLEEVE, MARKER, CABLE-SPLIT
86	37	PX100-1-330 INSULATION SLEEVING - SZ 0
43	36	PX100-1-294 INSULATION SLEEVING-SZ 1
63	35	PX100-1-186 INSULATION SLEEVING-SZ 5
X	34	BS100 SOLDER, TIN ALLOY
5	33	PL247-25 CONNECTOR, PLUG FEMALE, 11/C
1	32	JJ313-3H CONNECTOR, PLUG, MALE, 37/C
28	31	PX830-14-1 INSULATION SLEEVING, SHRINK-BLK
34	30	PX100-1-133 INSULATION SLEEVING-SZ 8
1	29	MS3420-10A BUSHING, RUBBER

FROM	TO	REQ'D.	ITEM	PART NUMBER	FROM	DESCRIPTION	TO	SYMBOL
5	27			856				
	26			855				
	25			854				
5	24			853				
6	23			0				
	22			846				
	21			845				
	20			844				
6	19			843				
3	18			0				
	17			964				
	16			963				
	15			0				
	14			866				
	13			865				
	12			864				
3	11			863				
2	10			0				
	9			956				
	8			955				
	7			954				
2	6			953				
4	5			0				
	4			946				
	3			945				
	2			944				
1	4			1	WI140-B22N-0	P4003 PIN 13	P6219-2 PIN A	

NOTE: FOR CONNECTOR WIRING PROCEDURE SEE S868

QTY.	UNIT	MODEL USED ON	ASSY. NO.
1		RAK-102-2	
		CODE	
		A	

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: CABLE, WIRING SYSTEM INTERCONNECT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005
FRACTIONS: ± 1/64, ANGLES: ± 0' 30"

SCALE: 1" = 1" (AS SHOWN)

DATE: 10-1-64

DRAWN: SRG

CHECKED: [Signature]

ELECT. DES. DATE: 4-13-65

MECH. DES. DATE: 4-13-65

REV. LTR. CA 912

SHEET: 1