

MODEL	SECTION	QUAN.
CPT-1OKR	5	
CPT-4OKB	3	

NPL-AX-239	L
LIST NO.	REV.

JUN 18 1963

AUXILIARY FRAME ASSEMBLY  
(TITLE)

LIST SECTIONS

- 1. ELECTRICAL / MECHANICAL (PG. 1 Thru 7)
- 2. HARDWARE (PG. 8,9,10)
- 3. RAW MATERIALS (PG. 11,12,13,14)
- 4. SUPPORTING DRAWINGS (PG.15,16)
- 5. SPECIFICATIONS
- 6. LOOSE ITEMS
- 7. PARTS PECULIAR

TYPED 11-2-60  
 CHECKED \_\_\_\_\_  
 APPROVED 168

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.					
	QUANTITY REQ.	P	N	ISSUE	A	B	C	D	E	F	G	H	I	J	K	L	SHEET	1	OF	18	SHEETS	
				REV	DWG SIZE	DESCRIPTION												REF	SYMBOLS			
						<u>ELECTRICAL/MECHANICAL</u>																
P	2				2	Filter, Air																MP3001,3002
P	1				2	Filter, Air																MP3000
P	2				2	Blower Axial												A-1739 A-1785				B3000, B3001
P	1				1	Buzzer, Warning																DS3000
P	12				2	Capacitor, Fixed, Mica, 1000 uuf												(12) A-2013				C3025,3027,3028,3029, 3030,3031,3032,3033, 3034,3035,3036,3037
P	2				2	Capacitor, Fixed, Paper, 4 uuf																C3017,3018

PURCHASED ITEM			MATERIAL LIST				MODEL AX-239		PROJ. NO.				LIST NO. NPL-AX-239					
QUANTITY REQ.			ISSUE				REV		DWG SIZE		DESCRIPTION				REF		SYMBOLS	
P	Q	N	P	NO.	REV	SIZE												
<u>ELECTRICAL/MECHANICAL</u>																		
P	4			CU-105		1	Fitting, Conduit, Straight				(1) AX-147							
P	3			CU-110		1	Fitting, Conduit, 90° Angle				(2) Transformer							
:	3			CU-142-1-0			Strap, Cable Lacing				(1) Buzzer							
											(3) CA-680							
P	1			FH-104-3		2	Holder, Fuse				u/o A-2013		XF3000					
P	1			FU-102-5		2	Fuse, Slo-Blo, 5 amp				u/o A-2013		F3000					
P	1			HI-106		1	Hinge, Top Fan				(1) A-2090							
P	1			HI-107		1	Hinge, Bottom Fan				(1) A-2089							
P	8			JJ-170		1	Connector, Receptacle, Twist-Lock				(8) AX-147		J3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014					
P	5			JJ-172		1	Connector, Receptacle, RF				(5) CA-572		J3001, 3002, 3003, 3004, J3017					

PURCHASED ITEM	QUANTITY REQ.	L P Z	MATERIAL LIST		MODEL	PROJ. NO.				LIST NO.	NPT-AX-239							
			PART NO.	REV	ISSUE	A	B	C	D	E	F	G	H	J	K	L	SHEET	3
				DWG SIZE	DESCRIPTION	REF	SYMBOLS											
<u>ELECTRICAL/MECHANICAL</u>																		
P	4		MS-154-1	1	Plate, Straddle, Terminal Strip	u/o A-2013												
	1		MS-1570	8	Plate, Contactor, Mtg.	u/o A-1665												
	1		MS-1609	1	Bracket, Filter Retaining	LD-528												
	2		MS-1611	2	Bracket, Fan Capacitor	LD-530												
						LD-547												
	1		MS-1612	2	Frame, Filter													
	1		MS-1613	8	Plate, Fan, Bottom	LD-552,	(1)A-2089											
	1		MS-1614	8	Plate, Fan, Top	LD-553,	(1)A-2090											
	1		MS-1615	8	Plate, Fan Mtg., Top													
	2		MS-1642	4	Cover, Contactor	(1) A-1665												
	1		MS-1831	8	Shield, Left Side	LD-654												
	1		MS-1838	1	Bracket, Clamp, Double													
	2		MS-1839	2	Bracket, Resistor Mtg.													
	1		MS-1840	1	Strip, AC Connector, Modified	(1) AX-147	Use PO-160											
	1		MS-1846	1	Bracket, Clamp, Single													
P	1		MS-2469	8	Panel, Center Shield	LD-839												
	2		MS-2470	1	Bracket, Retracting Spring	u/o A-2013												
	1		MS-1927	1	Chassis, Attenuator	(2)A-2014												
						LD-887												
						(1)A-2048												
P	2		MS3057-6		Clamp, Cable	(1) A-1739	For P3004,3008											
						(1) A-1785												
P	2		MS3057-12		Clamp, Cable	(1) CA-571	For P3000											
						(1) CA-576	For P3038											
P	2		MS3102A14S-2S		Connector, Receptacle, Female	(1) CA-571	J3000, J3006											

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PURCHASED ITEM	MATERIAL LIST			MODEL - AX-239	PROJ. NO.	LIST NO. NPL-AX-239
	QUANTITY REQ.	P L	REV	ISSUE	DESCRIPTION	SHEET 4 OF 18 SHEETS
				SIZE		
					<u>ELECTRICAL/MECHANICAL</u>	
P	2				Connector, Plug, Male	(1) A-1785 P3004, (1) A-1739 P3008
P	2				Connector, Plug, Male	(1) CA-571 P3000, (1) CA-576 P3038
P	2				Bushing, Cable	(1) A-1739 For P3004, 3008 (1) A-1785
P	1				Bushing, Cable	(1) CA-571 For P3000
P	8				Bushing, Cable	(2) CA-576 For P3038, 3039 (2) CA-551-2 For P3040, 3041 (2) CA-551-3 For P3042, 3043 (2) CA-551-4 For P3044, 3045
P	39			1	Connector, Plug, Coaxial	(8) CA-571 P3001, 2, 3, 5, 6, 7, 48, 49 (31) CA-572 P3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3046, 3047, 3050
P	4			1	Connector, Plug, Female	(1) CA-576 P3039, (1) CA-551-5 P3040, (1) CA-551-6 P3042, (1) CA-551-4 P3044

MATERIAL LIST

MODEL AX-239

PROJ. NO.

LIST NO. AX-239

ISSUE A B C D E F G H I J K L

SHEET 5 OF 18 SHEETS

PURCHASED ITEM	QUANTITY REQ.	N P L	PART NO.	REV	DWG	DESCRIPTION	REF	SYMBOLS
					SIZE			
						<u>ELECTRICAL/MECHANICAL</u>		
P	3		PL-187		1	Connector, Plug, Male	(1) CA-551-5 P3041, (1) CA-551-6 P3043, (1) CA-551-4 P3045	
P	1		PO-160		1	Strip, AC Connector	u/o AX-147	Use For MS-1840
P	1		PO-161		1	End Fitting, Blank	(1) AX-147	
P	1		PO-162		1	End Fitting, Cable Entry	(1) AX-147	
P	9		PO-163-1		1	Cover, Strip, 1" Lg.	(9) AX-147	
	1		PX-336-2			Insulator, Terminal Strip	(1) TM-102 Meg.	
P	2		PX-337-14		1	Insulator, Terminal Strip	u/o A-2013	
P	2		RC42GF330K		2	Resistor, Fixed, Comp.	A-2048	R3005, 3006
P	1		RC42GF470K		2	Resistor, Fixed, Comp.	A-2048	R3007
P	1		RL-130-1		2	Contact, High Voltage	(1) A-1665	K3000
P	1		RL-130-2		2	Contact, High Voltage	(1) A-1665	K3001
P	3		RR-127-1		2	Resistor, Fixed, Finstrip		R3000, 3001, 3002
P	14"		RY-131		1	Channel, "U", Rubber		

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.								
	QUANTITY REQ.	N P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE	A	B	C	D	E	F	G	H	J	K	L	SHEET	6	OF	18	SHEETS.
						<u>ELECTRICAL/MECHANICAL</u>																			
P	6		SH-102		1	Shock Mount	(6) A-1665																		
	4		SM2520BN1.50		2	Stud, Threaded, 1/4-20 x 1-1/2" Lg.	(4) A-1665																		
P	2		SP-137-1		2	Spring, Retracting	(2)A-2014	MP3003,3004																	
P	1		SW-251		1	Circuit Breaker, 2 Pole	(1) A-2013	CB3000																	
P	10		TE-114-2		1	Terminal, Feedthru, Insulated	(10) A-2013	E3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019																	

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.						
	QUANTITY REQ.	N P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE	A	B	C	D	E	F	G	H	J	K	L	SHEET	7 OF	18 SHEETS
						<u>ELECTRICAL/MECHANICAL</u>																	
P	1		TF-208		8	= Transformer, Volt, Regulator		T3000															
P	1		TI-100		1	Timer	(1) A-1665	M3003															
P	2		TM-100-14		1	Terminal Strip	u/o A-2013	E3000, 3002															
P	1		TM-102-2		1	Terminal Strip	HV Lite	E3003															
P	1		TM-105-9AL		2	Fanning Strip	(1) CA-572	For CBE-1															
P	3		TM-105-14AL		2	Fanning Strip	(1) CA-571	For E3000															
							(1) CA-522	For TIS-3															
								(1) For E3002															
P	2		UG-625/U		1	Connector, Receptacle	A-2048	J3015, 3016															



PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	
	QUANTITY REQ.	L P Z	REV	ISSUE	SIZE	SHEET	
				AX-239		NPL-AX-239	
				A B C D E F G H J K L		8 OF 18 SHEETS	
				DWG	DESCRIPTION	REF	SYMBOLS
				SIZE			
					<u>HARDWARE.</u>		
P	4			1	Clamp, "G" Type, 3/16 ID	(1) CA-571	
P	3			1	Clamp, "G" Type, 1/4 ID	(2) CA-572	
P	7			1	Clamp, "G" Type, 3/8 ID		
P	7			1	Clamp, "G" Type, 7/16 ID		
P	2			1	Clamp, "G" Type, 3/4 ID		
P	1			2	Clamp, Aluminum, 7/8 ID	For CPP-2 Cables	
P	3			2	Clamp, Cable, 3/8 to 1/2 ID		
P	3			2	Clamp, Cable, 1/2 to 5/8 ID		
P	10			1	Eyelet	(5)A-2089 (5)A-2090	
P	1			2	Grommet, Elastic, 1/2 ID	Buzzer Cable	
P	2			2	Grommet, Elastic, 1-1/4 ID	u/o Top Shield	
P	21			1	Lockwasher, Ext.	(12) A-1665, (1)A-2048	
P	31			1	Lockwasher, Ext.	(8) Conn. Mtg. (8) A-2013 (1) CA-571 (2) CA-572 (7) A-2014	
P	15			1	Lockwasher, Ext.	(8)A-2014 (7)Cable Clamps	
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PURCHASED ITEM			MATERIAL LIST				MODEL AX-239		PROJ. NO.				LIST NO. NPL-AX-239	
QUANTITY REQ.			ISSUE				REV		DWG SIZE				SHEET 9 OF 18 SHEETS	
L	P	N	PART NO.	REV	SIZE	DESCRIPTION	REF	SYMBOLS						
<u>HARDWARE</u>														
P	20		LWS25MRN		1	Lockwasher, Split	(14) A-1665							
P	21		NTH0440BN8		1	Nut, Hex.	(12) A-1665, (1)A-2048							
P	11		NTH0632BN8		1	Nut, Hex.	(8) Conn. Mtg. (8) A-2013							
P	4		NTH1032BN12		1	Nut, Hex.	(1) CA-571							
P	14		NTH2520BN14		1	Nut, Hex.	(2) CA-572 (4)A-2014 (14) A-1665							
P	2		NT-121-71B		1	Nut, Wire		For Buzzer						
P	2		NT-121-73B		1	Nut, Wire		To Tie AX-147 & TF-208						
P	10		NT-129-420-4		2	Nut, Swage	(5) MS-1839							
P	5		NT-129-632-3		2	Nut, Swage	(3) MS-1840, (2)MS-1927							
P	3		NT-129-632-4		2	Nut, Swage	(3) MS-1570							
P	2		SCBP0440BN3		1	Screw, *Machine	(1)A-2048							
P	8		SCBP0440BN5		1	Screw, Machine	Conn. Mtg.							
P	12		SCBP0440BN8		1	Screw, Machine	(12) A-1665							
P	16		SCBP0540BN3		1	Screw, Machine	(16) AX-147							

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.							LIST NO.
	QUANTITY REQ.	P N	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS					
					<u>HARDWARE</u>							
P	2			1	Screw, Machine	(2)A-2014						
P	11			1	Screw, Machine	(1) CA-571						
						(2) CA-572						
P	5	SCBP0632BN5		1	Screw, Machine	(5) A-2014						
P	12	SCBP0632BN10		1	Screw, Machine	(12) A-2013						
P	8	SCRPI024BN6		1	Screw, Machine	(2) A-2014						
P	4	SCEP1032BN8		1	Screw, Machine	(4) A-2014						
P	4	SCHM2520BN8		1	Screw, Machine	Res. Mtg.						
P	2	SCHM2520BN11		1	Screw, Machine	Buzzer Mtg.						
P	6	SCHM2520BN12		1	Screw, Machine	(6) A-1665						
P	1	TE-102-2		1	Terminal, Turret	(1) A-2048						
P	1	TE-104-1		1	Terminal, #4	(1) A-2048						
P	4	TE-104-2		1	Terminal, #6	(4) A-2013						
P	5	TE-104-4		1	Terminal, #10	Cable Clamps						
P	16	TE-112-2		1	Terminal	(16) AX-147						
P	43	TE-120-2		1	Terminal, Spade	(2) CA-409-32						
						(41) CA-572						
P	6	TE-155-34170		2	Terminal, No. 10	(1) CA-409-30						
						(1) CA-409-31						
P	6	TE-155-34171		2	Terminal, No. 1/4	(1) CA-409-30						
						(1) CA-409-31						
P	12	TE-159-34160		2	Terminal, No. 8	(6) CA-571						
						(6) CA-497						
P	4	TE-159-34161		2	Terminal, No. 10	(4) CA-571						
P	6	TE-178-2		1	Terminal, No. 4 Wire							
	6	TE-197-6-25			Terminal, Lug, Insulated	(6)CA-680						

# MATERIAL LIST

REV

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MODEL NPL-AX-239  
SHEET 11 OF 18

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION RAW MATERIALS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
X	BS-100			Solder, Soft				
X	CD-101-1-MW			Cord, Lacing		CA-572		
10-11	HWC6(127)B9			Cable, Insulated	White	CA-680 CA-683	121 10	
11-2	HWC6(127)B90			Cable, Insulated	Wh/Black	CA-680 CA-683	118 16	
10-11	HWC6(127)B92			Cable, Insulated	Wh/Red	CA-680 CA-683	118 13	
21"	HWC14(19)B9			Cable, Insulated	White	CA-409-30	21"	
27"	HWC14(19)B90			Cable, Insulated	Wh/Black	CA-409-31	27"	

MATERIAL LIST

MODEL AX-239

PROJ. NO.

LIST NO. NPL-AX-239

ISSUE E F G H J K L

SHEET 12 OF 18 SHEETS

PURCHASE ITEM	QUANTITY REQ.	L P N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS
<u>RAW MATERIALS</u>								
P	1		LA-105-12-A		1	Label, Cable	CA-572	
P	1		LA-105-12-B		1	Label, Cable	CA-572	
P	1		LA-105-12-C		1	Label, Cable	CA-572	
P	1		LA-105-12-1		1	Label, Cable	CA-572	
P	1		LA-105-12-2		1	Label, Cable	CA-572	
P	1		LA-105-12-102		1	Label, Cable	CA-572	
P	1		LA-105-12-103		1	Label, Cable	CA-572	
P	1		LA-105-12-104		1	Label, Cable	CA-572	
P	1		LA-105-12-105		1	Label, Cable	CA-572	
P	1		LA-105-12-106		1	Label, Cable	CA-572	
P	1		LA-105-12-113		1	Label, Cable	CA-572	
P	1		LA-105-12-201		1	Label, Cable	CA-572	
P	1		LA-105-12-202		1	Label, Cable	CA-572	
P	1		LA-105-12-305		1	Label, Cable	CA-572	
P	1		LA-105-12-307		1	Label, Cable	CA-572	
P	1		LA-105-12-308		1	Label, Cable	CA-572	
P	1		LA-105-12-602		1	Label, Cable	CA-572	
P	1		LA-105-12-603		1	Label, Cable	CA-572	
P	1		LA-105-12-606		1	Label, Cable	CA-572	
P	1		LA-105-12-701		1	Label, Cable	CA-572	
P	1		LA-105-12-702		1	Label, Cable	CA-572	
P	1		LA-105-12-703		1	Label, Cable	CA-572	
P	1		LA-105-12-704		1	Label, Cable	CA-572	
P	1		LA-105-12-705		1	Label, Cable	CA-572	
P	1		LA-105-12-2305		1	Label, Cable	CA-572	
P	1		LA-105-12-2701		1	Label, Cable	CA-572	
P	1		LA-105-12-2702		1	Label, Cable	CA-572	
P	1		LA-105-12-2705		1	Label, Cable	CA-572	
P	1		LA-105-12-2706		1	Label, Cable	CA-572	
P	1		LA-105-12-2705		1	Label, Cable	CA-572	
P	1		LA-105-12-2705		1	Label, Cable	CA-572	
P	1		LA-105-12-3001		1	Label, Cable	CA-572	
P	1		LA-105-12-3002		1	Label, Cable	CA-572	

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.										LIST NO.
	QUANTITY REQ.	L P N	PART NO.	REV	ISSUE	SIZE	DESCRIPTION	REF	SYMBOLS						
							<u>RAW MATERIALS</u>								
P	1		LA-105-12-3003	1			Label, Cable	CA-572							
P	1		LA-105-12-3004	1			Label, Cable	CA-572							
P	1		LA-105-12-3015	1			Label, Cable	CA-572							
P	1		LA-105-12-3016	1			Label, Cable	CA-572							
P	1		LA-105-12-3017	1			Label, Cable	CA-572							
P	1		LA-105-24-101	1			Label, Cable	CA-551-4							
P	1		LA-105-24-304	1			Label, Cable	CA-551-6							
P	1		LA-105-24-402	1			Label, Cable	CA-576-6-0							
P	1		LA-105-24-501	1			Label, Cable	CA-551-5							
P	1		LA-105-24-502	1			Label, Cable	CA-551-6							
P	1		LA-105-24-503	1			Label, Cable	CA-551-4							
P	1		LA-105-24-706	1			Label, Cable	CA-551-5							
P	1		LA-105-24-2707	1			Label, Cable	CA-576-6-0							
P	X		MWC14(19)U0	2			Cable, Insulated	BLACK	AX-147						
P	X		MWC14(19)U9	2			Cable, Insulated	WHITE	AX-147						
P			MWC16(19)U1	2			Cable, Insulated	BROWN	CA-576						
P			MWC16(19)U3	2			Cable, Insulated	ORANGE	CA-551						
P			MWC16(19)U5	2			Cable, Insulated	GREEN	CA-551						
P			MWC16(19)U6	2			Cable, Insulated	BLUE	CA-576						

PURCHASED ITEM			MATERIAL LIST				MODEL	PROJ. NO.				LIST NO.	
QUANTITY REQ.			REV				ISSUE	H				SHEET	
P	Q	R	REV	SIZE	DESCRIPTION	REF	SYMBOLS						
<u>RAW MATERIALS</u>													
P			2		Cable, Insulated	White	CA-576						
P			2		Cable, Insulated	Wh/Black	CA-576						
P			2		Cable, Insulated	Wh/Brown	CA-576						
P			2		Cable, Insulated	Wh/Orange	CA-576						
P			2		Cable, Insulated	Wh/Yellow	CA-551						
P			2		Cable, Insulated	Wh/Green	CA-551						
P			2		Cable, Insulated	Wh/Violet	CA-572						
P			2		Cable, Insulated	Black	CA-576						
P			2		Cable, Insulated	Violet	CA-576						
P			2		Cable, Insulated	Grey	CA-576						
P			2		Cable, Insulated	Wh/Yellow	CA-576						
P			2		Cable, Insulated	Red	CA-571						
P			2		Cable, Insulated	Orange	CA-571						
P			2		Cable, Insulated	Violet	CA-571						
P			2		Cable, Insulated	Grey	CA-571						
P			2		Cable, Insulated	White	CA-571						
P			2		Cable, Insulated	Wh/Brown	CA-571						
P			2		Cable, Insulated	Wh/Red	CA-571						
P			2		Cable, Insulated	Wh/Green	CA-571						
P			2		Cable, Insulated	Wh/Violet	CA-571						
P			2		Cable, Insulated	Wh/Grey	CA-571						
P			2		Cable, Insulated, Shielded	Black	CA-572						
P			2		Cable, Insulated, Shielded	Orange	CA-572						
P			2		Cable, Insulated, Shielded	Yellow	CA-572						
P			2		Cable, Insulated, Shielded	Green	CA-572						
P			2		Cable, Insulated, Shielded	Blue	CA-572						
P			2		Cable, Insulated, Shielded	Violet	CA-572						
P			2		Cable, Insulated, Shielded	White	CA-572						

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.								
	QUANTITY REQ.	L	P	N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE												SHEET 15 OF 18 SHEETS		
											A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
								<u>RAW MATERIALS</u>																	
P					MWC22(7)U0		2	Cable, Insulated	Black	CA-409-32, CA-551, CA-571.															
P					MWC22(7)U1		2	Cable, Insulated	Brown	CA-551,571															
P					MWC22(7)U2		2	Cable, Insulated	Red	CA-551,572, CA-576															
P					MWC22(7)U3		2	Cable, Insulated	Orange	CA-572															
P					MWC22(7)U4		2	Cable, Insulated	Yellow	CA-551,571															
P					MWC22(7)U5		2	Cable, Insulated	Green	CA-571															
P					MWC22(7)U6		2	Cable, Insulated	Blue	CA-551,571															
P					MWC22(7)U7		2	Cable, Insulated	Violet	CA-551,572															
P					MWC22(7)U9		2	Cable, Insulated	White	CA-497															
P					MWC22(7)U90		2	Cable, Insulated	Wh/Black	CA-551,571, CA-572															
P					MWC22(7)U91		2	Cable, Insulated	Wh/Brown	CA-551,497															
P					MWC22(7)U92		2	Cable, Insulated	Wh/Red	CA-497,551															
P					MWC22(7)U93		2	Cable, Insulated	Wh/Orange	CA-551,571 CA-572															
P					MWC22(7)U94		2	Cable, Insulated	Wh/Yellow	CA-571,572															
P					MWC22(7)U95		2	Cable, Insulated	Wh/Green	CA-572															
P					MWC22(7)U96		2	Cable, Insulated	Wh/Blue	CA-551,571, CA-572															
P					MWC22(7)U97		2	Cable, Insulated	Wh/Violet	CA-551,572															
P					MWC22(7)UPink		2	Cable, Insulated	Pink	CA-576															
P					PX-100-1-.106		1	Insulation, Sleeving	Black	CA-551,571															
P					PX-100-1-.148		1	Insulation, Sleeving	Black	CA-551															
P					PX-100-1-.166		1	Insulation, Sleeving	Black	CA-572															
P					PX-100-1-.186		1	Insulation, Sleeving	Black	CA-497															

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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PURCHASED ITEM			MATERIAL LIST				MODEL	PROJ. NO.				LIST NO.
QUANTITY REQ.			REV				ISSUE	A B C D E F G H J K L				SHEET
P	L	P	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS					
<u>RAW MATERIALS</u>												
P				1	Insulation, Sleeving	Black	CA-572					
P				1	Insulation, Sleeving	Black	CA-572					
P				1	Insulation, Sleeving	Black	CA-551-4					
P				1	Insulation, Sleeving	Black	CA-572, 576					
P				1	Insulation, Sleeving	Black	CA-572					
P				1	Insulation, Sleeving	Black	CA-572					
P	4-0			1	Insulation, Sleeving	Black	CA-685, CA-680					
P	8"			1	Insulation, Sleeving	Orange	CA-551-6					
P	7"			1	Insulation, Sleeving	Yellow	CA-551-5					
	4-3				Insulation, Sleeving	Red	CA-680					
P	X			1	Cable, Coaxial		CA-571, 572					
P	50			1	Wire, AC		CA-452					
P	X			1	Wire, Buss		u/o A-2013					
P	X			1	Wire, Buss		A-1739					
P	X			1	Shield, Flexible		u/o A-2013					
P	X				Cable, BX, 5/8"							

THE TECHNICAL MATERIEL CORPORATION

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.		
	QUANTITY REQ.	P/N	PART NO.	REV	ISSUE	A	B	C	D	E	F	G	H	J	K	L	SHEET	OF	SHEETS
				DWG SIZE		DESCRIPTION												REF	SYMBOLS
						<u>SUPPORTING DRAWINGS</u>													
1		A-1665		8		H.V. Contactor Assembly													c/o K3000,3001,M3003
1		A-1739		2		Blower/Connector Assembly, 115 VAC													c/o B3000,P3008
1		A-1785		2		Blower/Connector Assembly, 230 VAC													c/o B3001,P3004
1		A-2013		8		Center Shield Assembly													
1		A-2014		8		Slide Mounting Assembly													
1		A-2048		2		Attenuator Ass'y.												(1) A-2014	
1		A-2089		2		Bottom Fan Plate & Hinge Assembly													
1		A-2090		2		Top Fan Plate & Hinge Assembly													
1		AX-147 (2A-1730)		2		AC Power Strip												(1) A-2014	c/o J3007,3008,3009, 3010,3011,3012,3013, 3014
2		AX-176		1		Contact Set (Triple)													Used For RL-130 Spare Parts
						NOTE: For Single, Set, See PO-183													Only, E3004,3005,3006, 3007,3008,3009
1		CA-409-32-2.00		4		Cable Assembly, Jumper, 2" Lg., Black												(1) A-2013	Term. 8 to 10
3		CA-409-30-7.00		4		Cable Assembly, Jumper, 7" Lg., White												(3) A-1665	
3		CA-409-31-9.00		4		Cable Assembly, Jumper, 9" Lg., Wh/Black												(3) A-1665	
1		CA-452		1		Cable Assembly, Buzzer													
1		CA-497		2		Cable Assembly, Contactor to Timer												(1) A-1665	
1		CA-551-5		4		Cable Assembly, CPP-2 to CLL-1 Yellow													W3003 (P3040,P3041)
1		CA-551-6		4		Cable Assembly, CPP-2 to CMO-1 Orange													W3004 (P3042,P3043)
1		CA-551-4		4		Cable Assembly, CPP-2 to CHL-1 Black													W3005 (P3044,P3045)
1		CA-680				Cable Assembly, Line Filter Board to Contactor													
1		CA-683				Cable Assembly, Contactor Jumper												(1)A-1665	

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PURCHASED ITEM			MATERIAL LIST				MODEL	PROJ. NO.				LIST NO.							
QUANTITY REQ.	REV	PART NO.	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE					SHEET	OF	SHEETS					
							A	B	C	D	E	F	G	H	I	J	K	L	
				<u>SUPPORTING DRAWINGS</u>															
1		CA-571	8	Cable Assembly, Main to Aux.		W3000													
1		CA-572	R	Cable Assembly, Main		W3001													
1		CA-576-6-0	4	Cable Assembly, CPP-1 to CHG Black		W3002 (P3038, P3039)													
1		CK-506	8	Wiring Diagram															
P 1		LD-528	8	Lettering, Contactor Mtg. Plate	MS-1570	u/o A-1665													
P 1		LD-530	1	Lettering, Fan Cap. Bracket	MS-1611	Top													
P 1		LD-547	1	Lettering, Fan Cap. Bracket	MS-1611	Bottom													
P 1		LD-552	4	Lettering, Bottom Fan Plate	MS-1613	(1)A-2089													
P 1		LD-553	4	Lettering, Top Fan Plate	MS-1614	(1)A-2090													
P 1		LD-585	1	Stamp, Rubber		Used for Stamping "Warning"													
	1	LD-654	2	Lettering, Shield, Left Side	MS-1831														
P 1		LD-839	8	Lettering, Center Shield	MS-2469	u/o A-2013													
P 1		LD-887	1	Lettering, Attenuator Chassis	MS-1927														

# REVISION SHEET

THE TECHNICAL MATERIEL CORP.  
MAMARONECK NEW YORK

NPL-AX-239

MODEL AX-239

PROJECT NO

①

DATE	REV.	PAGE	EMN#	DESCRIPTION	CHK.	APP.
11-8-60	A	15	3429	Added A-2014		16
11-28-60	B	9	3597	Add P (2) NT-121-71B 1 Nut, Wire (SYN <sup>bol</sup> For Buzzer)		16
11-28-60	B	14	3597	Add P 60" WI-112-1, 1 Wire, AC REECA-452		16
12-30-60	C	4	3846	On PL-169, chg. quan. from 35 to 34.		16
1-26-61	D	3	4009	Chg. ref. from (29) CA-572 to (28) CA-572; deleted sym. P5037.		16
		"	"	On MS-2470, chg. quan. from 5 to 2, added ref. (2)A-2014.		16
1-26-61	D	4	4009	Added (1) MS-1927, ref. LD-887, (1)A-2048.		16
		"	"	On PL-169, chg. quan. from 34 to 36, added sym. 3046, 3047, 15		16
		"	"	changed ref. (28)CA-572 to (30)CA-572.		16
1-26-61	D	5	4009	On PL-186, chg. ref. from (4)CA-551-2 to (1)CA-551-5.		16
		"	"	On PL-186, chg. ref. from (1)CA-551-3 to (1)CA-551-6.		16
		"	"	On PL-187, chg. ref. (1)CA-551-2 to (1)CA-551-5.		16
		"	"	On PL-187, chg. ref. (1)CA-551-3 to (1)CA-551-6.		16
		"	"	Added (2) RC42GF30K, ref. A-2048, sym. R3005, 3006.		16
		"	"	Added (1) RC42GF470K, ref. A-2048, sym. R3007.		16
1-26-61	D	6	4009	On SP-137-1, chg. quan. from 5 to 2, added ref. (2)A-2014, 16 deleted sym. MP3005, 3006, 3007.		16
1-26-61	D	7	4009	Added (2) UG-625/U, ref. A-2048, sym. J3015, 3016.		16
1-26-61	D	8	4009	On LWEO4MRN, chg. quan. from 20 to 21, added ref. (1)A-2048.		16
		"	"	On LWEO6MRN, chg. quan. from 24 to 31, added ref. (7)A-2014. 16		16
		"	"	On LWEO1MRN, chg. quan. from 27 to 15, added ref. (8)A-2014. 16		16
		"	"	deleted ref. (10)Spring Mtg., (10)Bkt. Mtg.		16
1-26-61	D	9	4009	On NTH0440BN8, chg. quan. from 20 to 21, added ref. (1)A-2048.		16
		"	"	Added (4)NTH1032BN12, ref. (4)A-2014, on NT-129-632-3, chg. quan. 16 from 3 to 5, added ref. (2)MS-1927.		16
		"	"	Added (2) SCBS0440BN3, ref. (1)A-2048.		16
1-26-61	D	10	4009	On SCBS0540BN6, chg. quan. from 5 to 2, chg. ref. from Spring Mtg. 16 to (2)A-2014. On SCBS1024BN6, chg. quan. from 10 to 4, chg. 16 ref. from Spring Mtg. to (2)A-2014.		16
		"	"	Added (5) SCBS 632BN5, ref. (5)A-2014.		16
		"	"	Added (4) SCBS1032BN8, ref. (4)A-2014.		16
		"	"	Added (1) TE-102-2, ref. (1)A-2048, added (1) TE-104-1, ref. (1)A-2048. 16		16
1-26-61	D	11	4009	On LA-, added 1 ea. and 104; added No's. A, B, C, 1, 2, 102, 103, 104, 105, 106, 113, 201, 202, 305, 307, 308, 602, 603, 606, 701, 702, 703, 704, 705, 1101, 1102, 1104, 1105, 1107, 1301, 3001, 3002, 3003, 3004, 3015, 3016. 16		16
1-26-61	D	14	4009	On PX-100-4-.375, chg. ref. from CA-551-2 to CA-551-5 16 On PX-100-3-.375, chg. ref. from CA-551-3 to CA-551-6. 16		16

# REVISION SHEET

THE TECHNICAL MATERIAL CORP.  
MAMARONECK  
NEW YORK

n NFL-AX-239

MODEL AX-239

PROJECT NO

2

DATE	REV.	PAGE	EMN#	DESCRIPTION	CHK.	APR.
1-26-61	D	15	4009	Added (1)A-2048, ref. (1)A-2014; on AX-147(2A-1730)	16	
	"	"	"	added ref. (1)-2014. Chg. from CA-551-2 to CA-551-5,	16	
	"	"	"	chg. CA-551-3 to CA-551-6.	16	
1-26-61	D	16	4009	Added (1) LD-887, ref. MS-1927.	16	
2-7-61	E	11	4094	Deleted LA-104 and Numbers.		
2-7-61	E	12	4094	Added New Page 12, LA-105's, number & Reference.		
2-7-61	E	13	4094	Added New Page 13, LA-105's, number & Reference.		
				renumbered pages in order.		
				14 was 12, 15 was 13, 16 was 14, etc.		
4-18-61	F	8	4709	Added (10) BY-100-2, ref. (5)A-2089 & (5)A-2090.		
4-18-61	F	17	4709	Added (1)A-2089 & (1)A-2090.		
5-8-61	G	5	4868	Added (14") RY-131.		
9/21/61	H	2	5624	On JJ-172, Chg. Quan. from 4 to 5. Add "SYM" J3017		
		4		On PI-169, Chg. Quan. from 36 to 39, Add "SYM" P3048, 49, 50		
		10		Chg. TE-159-34160 Quan. from 17 to 12		
		112		Chg. LA-105-12-1101 to LA-105-12-2701		
				Chg. LA-105-12-1102 to LA-105-12-2702		
				Chg. LA-105-12-1104 to LA-105-12-2704		
				Chg. LA-105-12-1105 to LA-105-12-2705		
				Chg. LA-105-12-1107 to LA-105-12-2706		
				Chg. LA-105-12-1301 to LA-105-12-2303		
				Add 1 ea. LA-105-12-2703 "Ref" CA-572		
		13		Add 1 ea. LA-105-12-3017 "Ref" CA-572. Chg. LA-105-24-1106 to LA-105-24-2707		
		18		Chg. CK-466 to CK-506		
6/15/62 J		5	7086	Add 1 ea. PX-336-2.		
9/18/62 K		5	7380	Chg. PO-163-3 to PO-163-1, Chg. QMAN. from 3 to 9.		
		9		Chg. All SCBS screws to SCBP		
		10		Chg. All SCBS screws to SCBP		
		11		Chg. HWC6(127)B9 Quan. from 8" to 10-11		
				Chg. HWC6(127)B90 Quan. from 8" to 11-2		
				Chg. HWC6(127)B92 Quan. from 1 1/2 to 10-11		
				Chg. Used On Reference for Above		
		15		Delete Used On Reference CA-497 from MWC22(7)UO		
		16		Chg. PX-100-1-.875 to PX-100-1-.750		
				Chg. Qyan. from 3" to 4-0. Chg. Used On Reference		
		17		Delete CA-453-70 & CA-453-80 (Not Used)		

