

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.				
	QUANTITY REQ.	L	PART NO.	REV	DWG	ISSUE													SHEET	OF	SHEETS	
					SIZE	T/U	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S
						DESCRIPTION													REF Used On	SYMBOLS		
						<u>ELECTRICAL/MECHANICAL</u>																
P	3		CC-100-9		2	Capacitor, Fixed, Ceramic, .001 uf													A-1925 A-1921 A-1576	C13, C26, C44		
P	1		CC-100-15		2	Capacitor, Fixed, Ceramic, .005 uf													A-1576	C46		
P	19		CC-100-16		2	Capacitor, Fixed, Ceramic, .01 uf													A-1925 A-1923 A-1925 A-1921 A-1927 A-1925 A-1923 A-1577 A-1923 A-1930	C1,2,3,4,5,8,10, C11, C12, C17,18,19, C24, C35, C36, C54, C57, C60, C62		
P	1		CC-100-23		2	Capacitor, Fixed, Ceramic, 2 x .01 uf														C47A & B		
P	2		CC-100-28		2	Capacitor, Fixed, Ceramic, .1 uf													A-1921	C40,41		
P	1		CC-101-4		1	Capacitor, Fixed, Ceramic, 120 uuf													A-1925	C6		
P	1		CE52F350R		2	Capacitor, Fixed, Electrolytic, Dual														C49A & B		
P	1		CE64C100N		2	Capacitor, Fixed, Electrolytic, Dual														C27		
P	1		CM15B200K		2	Capacitor, Fixed, Mica														C34		
P	1		CM15F101G		2	Capacitor, Fixed, Mica													A-1923	C37		

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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5	PROJ. NO.	LIST NO.	ML-MSR-5	
	QUANTITY REQ.	M P L	PART NO.	REV	DWG	TU	ISSUE	A B C D E F G H J K L M N P R S	
					SIZE	DESCRIPTION	REF Used On	SYMBOLS	
					<u>ELECTRICAL/MECHANICAL</u>				
P	1		CM20B391K	2	2	Capacitor, Fixed, Mica		C63	
P	1		CM20C182G	2	2	Capacitor, Fixed, Mica	A-1921	C61	
P	2		CM20D102J	2	2	Capacitor, Fixed, Mica	A-1577	C39,	
P	1		CM20D821G	2	2	Capacitor, Fixed, Mica	A-1577	C52	
P	1		CM20E510J	2	2	Capacitor, Fixed, Mica		C51	
								C31	
P	3		CN-100-1	1	1	Capacitor, Fixed, Paper, .01 uf	A-1925	C9,	
							A-1921	C20,	
							A-1925	C56	
P	1		CN-100-4	1	1	Capacitor, Fixed, Paper, .1 uf		C23	
P	4		CN108C1003J	2	2	Capacitor, Fixed, Mylar	A-1925	C14,	
							A-1921	C38,	
							A-1576	C42,43	
P	1		CN108C2004K	2	2	Capacitor, Fixed, Mylar		C25	

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.			
	QUANTITY REQ.	L	PART NO.	REV	DWG	ISSUE													SHEET	OF	SHEETS
					SIZE	TU	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
						DESCRIPTION	REF Used On	SYMBOLS													
						<u>ELECTRICAL/MECHANICAL</u>															
P	1		CP41B1FF405K		2	Capacitor, Fixed, Paper		C48													
P	1		CR109-79		2	Crystal Unit, Quartz, 438 KC		Y1													
P	1		CR109-80		2	Crystal Unit, Quartz, 472 KC		Y2													
P	1		CR-107			Crystal Unit, Quartz, 17 KC		Y3													
P	1		CT-104-3		1	Capacitor, Variable, Air, 3.2-50 uuf	17kc Adj.	C50													
P	1		CU-118-3S		2	Clamp, Tube		For V10													
P	4		CU-139-2B		1	Ferrule, Handle															
P	2		CV11C300		1	Capacitor, Variable, Ceramic	A-1930	C58,59													
P	1		CV11C450		1	Capacitor, Variable, Ceramic		C29													

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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5	PROJ. NO.	LIST NO.	ML-MSR-5
	QUANTITY REQ.	P L	PART NO.	REV	DWG	DESCRIPTION	REF	SYMBOLS
					SIZE			
					TU			
						<u>ELECTRICAL/MECHANICAL</u>		
P	1		FH-100-2		1	Holder, Fuse		XF1
P	1		FU-100-3		1	Fuse, Cartridge, 3 amp		F1
P	1		FX-152		2	Filter, Lowpass		Z2
P	1		FX-153		2	Filter, Bandpass		Z1
P	2		HA-102-2-BN		2	Handle		
P	1		JJ-034		1	Jack, Telephone		J3
P	2		JJ-114-1		1	Jack, Tip, Test		J5,6
P	1		LI-101-1L		1	Lens, Lamp, "L" (Lower)		For I1
P	1		LI-101-1U		1	Lens, Lamp, "U" (Upper)		For I2

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.	
	QUANTITY REQ.	L P Z	PART NO.	REV	MSR-5	A B C D E F G H J K L M N P R S													ML-MSR-5
					ISSUE														SHEET
					DWG SIZE	DESCRIPTION	REF	SYMBOLS											
					TU	<u>ELECTRICAL/MECHANICAL</u>													
P	3		MP-100-4		2	Knob, Instrument, Fluted													
P	1		MP-106-1		1	Knob, Instrument, Skirted													
P	4		MS-154-1		1	Plate, Straddle, Terminal Strip													
	1		MS-990-1		1	Pointer, Knob													
	1		MS-997		1	Bracket, Capacitor, Mtg.													
	1		MS-999 (Use A-1370)		ND	Cover, Relay													
	1		MS-1000		4	Sideplate, Left													
	10		MS-1321		1	Bracket, Terminal Board Mtg.	u/o	(3) A-1921 (3) A-1925 (2) A-1576 (2) A-1577 MS-1329											
	1		MS-1323		8	Cover, Top													
	2		MS-1324		1	Bracket, Relay Mtg.													
	1		MS-1325		1	Support, Sideplate													
P	1		MS-1326		1	Blank Size, Bottom Cover	MS-1327												
	1		MS-1327		2	Cover, Bottom	MS-1326												
	1		MS-1328		8	Sideplate, Right	LD-446												
P	1		MS-1329		1	Blanksize, Top Cover	MS-1323												
	1		MS-1331		1	Cover, Capacitor	u/o A-1581												
	1		MS-1332		1	Brace, Power Supply Chassis													
P	1		MS-1334		8	Panel, Front	LD-448												
	1		MS-1346		8	Chassis, Power Supply	LD-449												
	1		MS-2308		8	Chassis, Main	LD-755												
	1		MS-2312		2	Chassis, First Osc. Crystal	LD-756												
	1		MS-2314		2	Cover, Power Supply	u/o A-1930												

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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5													PROJ. NO.	LIST NO.	ML-MSR-5			
	QUANTITY REQ.	L	P	N	PART NO.	REV	DWG SIZE	TU	ISSUE													REF	SYMBOLS
									A	B	C	D	E	F	G	H	I	J	K	L	M		
								<u>ELECTRICAL/MECHANICAL</u>															
P	1				MS3057-8		1		Clamp, Cable													u/o CA-1079	For P2
P	1				MS3102A14S-2P		1		Connector, Receptacle, Male														J4
P	1				MS3102A16S-5P		1		Connector, Receptacle, Male														J2
P	1				MS3106A16S-5S		1		Connector, Plug, Female													u/o CA-1079	P2

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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5													PROJ. NO.	LIST NO.	ML-MSR-5						
	QUANTITY REQ.	L	P	N	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	S	SHEET	8 OF 24 SHEETS		
					DWG	T U																				
				REV	SIZE	DESCRIPTION													REF	SYMBOLS						
						<u>ELECTRICAL/MECHANICAL</u>																				
P	1					4	Nameplate (Commercial)																			
P	1						Nameplate (Navy)																			
	1						Nameplate, Modification																			
	2					1	Bar, Panel Locking																			
P	1					1	Drive, Vernier																			
P	1					1	Oven, Crystal, Dual														HR2 (XY3)					
P	1					1	Oven, Crystal														HR1 (XY1, XY2)					
	1						Insulating Strip														TM-100-8 Mtg.					
	1						Insulating Strip														TM-100-12 Mtg.					
	1					ND	Terminal Board No. 4 Machining																			
	1					ND	Terminal Board No. 5 Machining																			

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.							
	QUANTITY REQ.	P L	PART NO.	REV	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	SHEET	OF	24	SHEETS
					DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS																	
							<u>ELECTRICAL/MECHANICAL</u>																		
	1		RC20GF101K				Resistor, Fixed, Composition																	R76	
P	2		RC20GF102K		2		Resistor, Fixed, Composition																	R50,	
P	2				2		Resistor, Fixed, Composition																	R75,	
P	1		RC20GF103K		2		Resistor, Fixed, Composition																	R14	
P	7		RC20GF104K		2		Resistor, Fixed, Composition																	R14, 33	
P					2		Resistor, Fixed, Composition																	R20, 22	
					2																			R33, 22,	
					2																			R41, 57, 67	
P	2		RC20GF105K		2		Resistor, Fixed, Composition																	R47, 237, 267	
P	1		RC20GF106K		2		Resistor, Fixed, Composition																	R57, 67	
P	2		RC20GF121K		2		Resistor, Fixed, Composition																	R18	
					2																			R23,	
P	1		RC20GF123K		2		Resistor, Fixed, Composition																	R38	
P	1		RC20GF124K		2		Resistor, Fixed, Composition																	R26	
P	1		RC20GF154K		2		Resistor, Fixed, Composition																	R46	
P	1		RC20GF155K		2		Resistor, Fixed, Composition																	R13	
P	1		RC20GF181K		2		Resistor, Fixed, Composition																	R17	
P	3		RC20GF203J		2		Resistor, Fixed, Composition																	R49	
P	1		RC20GF221K		2		Resistor, Fixed, Composition																	R19, 21,	
P	2		RC20GF222K		2		Resistor, Fixed, Composition																	R69	
P	2		RC20GF223K		2		Resistor, Fixed, Composition																	R15	
					2																			R8, 16	
					2																			R12,	
					2																			R37,	
					2																			R42	
P	1		RC20GF272K		2		Resistor, Fixed, Composition																	R65	
P	1		RC20GF273K		2		Resistor, Fixed, Composition																	R74	
P	1		RC20GF331K		2		Resistor, Fixed, Composition																	R5	
P	2		RC20GF333K		2		Resistor, Fixed, Composition																	R51,	
					2																			R71	
P	2		RC20GF391K		2		Resistor, Fixed, Composition																	R31,	
					2																			R53	
P	1		RC20GF392K		2		Resistor, Fixed, Composition																	R35	

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.		
	QUANTITY REQ.	L	PART NO.	REV	MSR-5	ISSUE													ML-MSR-5	
					SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
REV	DWG	DESCRIPTION	REF Used On	SYMBOLS																
					TU	<u>ELECTRICAL/MECHANICAL</u>														
P	2		RC20GF393K		2	Resistor, Fixed, Composition	A-1923	R39,40												
P	1		RC20GF471K		2	Resistor, Fixed, Composition	A-1925	R7												
P	1		RC20GF472K		2	Resistor, Fixed, Composition	A-1921	R70												
P	2		RC20GF473K		2	Resistor, Fixed, Composition	A-1577	R58,												
							A-1921	R63												
P	8		RC20GF474K		2	Resistor, Fixed, Composition	A-1925	R2,9												
							A-1927	R32,												
							A-1576	R43,44,45,												
							A-1577	R59,61												
P	2		RC20GF563K		2	Resistor, Fixed, Composition	A-1576	R52,												
							A-1921	R73												
P	2		RC20GF681K		2	Resistor, Fixed, Composition	A-1921	R64,66												
P	1		RC20GF822K		2	Resistor, Fixed, Composition	A-1921	R72												
P	1		RC20GF823K		2	Resistor, Fixed, Composition	A-1576	R47 DELETED												
P	1		RC32GF103K		2	Resistor, Fixed, Composition	A-1921	R25												
P	3		RC32GF223K		2	Resistor, Fixed, Composition	A-1925	R4,10,11												
P	1		RC32GF333K		2	Resistor, Fixed, Composition	A-1927	R36												
P	1		RC32GF683K		2	Resistor, Fixed, Composition	A-1925	R6												
P	1		RC42GF223K		2	Resistor, Fixed, Composition	A-1925	R62												
P	1		RC42GF473K		2	Resistor, Fixed, Composition	A-1921	R24												
P	1		RC42GF561K		2	Resistor, Fixed, Composition	A-1921	R34												
P	1		RC42GF563K		2	Resistor, Fixed, Composition	A-1921	R56												

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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5	PROJ. NO.	LIST NO.	ML-MSR-5
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG	ISSUE	SHEET	11 OF 24 SHEETS
					SIZE	A B C D E F G H J K L M N O P R S	REF	SYMBOLS
					TU			
						<u>ELECTRICAL/MECHANICAL</u>		
P	2		RL-105	1		Relay, Armature		K1,3
P	1		RL-118-17A115-60A	2		Relay, Armature		K2
P	1		RV4NAYSD105D	2		Resistor, Variable, Composition	Audio Gain	R30
P	1		RV4NAYSA104B	2		Resistor, Variable, Composition	Tone	R60
P	1		RV4NAYSA252A	2		Resistor, Variable, Composition	Threshold	
P	1		RV4LAYSA105B	2		Resistor, Variable, Composition	React. Bal.	R48
							Relay	R54
							Threshold	
P	1		RW-109-47	1		Resistor, Fixed, W.W., 4500 Ω , 10 W.		R55
P	1		RY-125-1	1		Bushing, Cable	u/o CA1079	
P	1		RY-126	1		Cushion, Capacitor	u/o A-1581	

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.				
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	ISSUE													SHEET	OF	24	SHEETS
						A	B	C	D	E	F	G	H	J	K	L	M	N				
						TU	DESCRIPTION	REF	SYMBOLS													
							<u>ELECTRICAL/MECHANICAL</u>															
P	2		ST12A		2		Switch, Toggle, SPST	AVC	S1,2													
P	2		ST22K		2		Switch, Toggle, DPST	Main Power, Output Level 1	S7, S8													
P	1		SW168SPST2NOBB		1		Switch, Push Button, SPST	Sideband	S6													
P	1		SW-194		1		Switch, Rotary	BFO	S5													
P	1		SW-226		2		Switch, Rotary	Manual, Crystal	S4													
	1		TE0832AE9H		2		Spacer, Threaded, 2-15/16" Lg.		For Top Cover													
	2		TE0832AE13H		2		Spacer, Threaded, 4-1/2 " Lg.		For Cap. Cover													
P	1		TF-100		2		Transformer, A.F.		T1													
P	1		TF-177		1		Transformer, A.F.	u/o A-1921	T3													
P	1		TF-196		2		Transformer, Power		T5													
P	2		TF-5000		2		Reactor, Filter		L1,2													

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.				
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	ISSUE													REF Used On	SYMBOLS		
						A	B	C	D	E	F	G	H	J	K	L	N	P			R	S
						TU																
							<u>ELECTRICAL/MECHANICAL</u>															
P	1		TM-100-8		1		Terminal Strip, 8 Term.															E2
P	1		TM-100-12		1		Terminal Strip, 12 Term.														A-1582	E1
P	4		TS-101-P01		2		Socket, Tube, Octal														A-1930	XC49, XV10, XHR1, XHR2 XV2, 3, 4, 6, 7, 8, 11 XV1, 5, 9, 12
P	7		TS-102-P01		1		Socket, Tube, 7 Pin															For V2, 3, 4, 7, 8 For V6, 11
P	4		TS-103-P01		2		Socket, Tube, 9 Pin															For V1, 5, 9, 12
P	5		TS-102-U02		1		Shield, Tube, 7 Pin, Regular															For V2, 3, 4, 7, 8
P	2		TS-102-U03		1		Shield, Tube, 7 Pin, Tall															For V6, 11
P	4		TS-103-U02		2		Shield, Tube, 9 Pin, Regular															For V1, 5, 9, 12
P	1		TS-106-1		1		Socket, Lamp, W/Red Lens															XI3
P	2		TS-133		1		Socket, Lamp															XI1, 2
P	1		UG-625/U		1		Connector, Receptacle, RF															J1

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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5	PROJ. NO.	LIST NO.	ML-MSR-5							
	QUANTITY REQ.	P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS							
									ISSUE	A	B	C	D	E	F
					TU										
						<u>ELECTRICAL/MECHANICAL-TUBES</u>									
P	1		0A2			Tube, Electron, Voltage Regulator		V11							
P	1		5Y3GT			Tube, Electron, Full Wave Rectifier, Octal Soc.		V10							
P	1		6AG5			Tube, Electron, Sharp Cutoff RF Pentode		V7							
P	1		6AQ5			Tube, Electron, Beam Power Amplifier		V6							
P	1		6BA6			Tube, Electron, Remote Cutoff RF Pentode		V2							
P	2		6BE6			Tube, Electron, Heptode Converter		V3,4							
P	1		6J6			Tube, Electron, Medium-Mu Duo Triode		V8							
P	2		12AU7A			Tube, Electron, Medium-Mu Duo Triode		V1,9							
P	2		12AT7			Tube, Electron,		V5,12							

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PURCHASED ITEM	MATERIAL LIST				MODEL	MSR-5													PROJ. NO.	LIST NO.	ML-MSR-5		
	QUANTITY REQ.	P P L	PART NO.	REV	DWG	T U													REF Used On	SYMBOLS			
					SIZE	DESCRIPTION																	
						<u>HARDWARE</u>																	
P	4		EY-100-1		1	Eyelet													(4) A-1370				
P	2		EY-102-4		1	Grommet													(1) CA-324, (1) CA-556				
P	1		EY-102-6		1	Grommet													(1) CA-556				
	1		EY-102-5			Grommet													(1) CA324				
P	10		FS-102-1		1	Spring, "S" Type													(4) MS-1000, (2) MS-2308, (4) MS-1328				
P	10		FS-109-3		1	Ring, Stud Retaining													(4) MS-1323, (6) MS-1327				
P	10		FS-110-1		1	Stud													(4) MS-1323, (6) MS-1327				
P			FW04LBN		1	Washer, Flat													(1) A-1921				
P			FW06LBN		1	Washer, Flat																	
P			LWE04MRN		1	Lockwasher, Ext.													(4) A-1930				
P			LWE06MRN		1	Lockwasher, Ext.													(4) A-1576, (4) A-1577, (7) A-1921 (6) A-1925, (2) A-1930				
P			LWE08MRN		1	Lockwasher, Ext.																	
P			LWE10MRN		1	Lockwasher, Ext.																	
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PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-5													PROJ. NO.	LIST NO.	ML-MSR-5								
	QUANTITY REQ.	P	Z	ISSUE	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S	SHEET	16	OF	24	SHEETS				
				REV	DWG	SIZE	TU													REF	SYMBOLS							
			PART NO.				DESCRIPTION																					
<u>HARDWARE</u>																												
P	20		LWS03MRN			1	Lockwasher, Split																		For FS-102			
P			LWS06MRN			1	Lockwasher, Split																					
P	20		NTH0348BN6			1	Nut, Hex.																		For FS-102			
P			NTH0440BN6			1	Nut, Hex.																		(4) A-1930			
P			NTH0632BN8			1	Nut, Hex.																		(2) A-1930			
P			NTH0832BN10			1	Nut, Hex.																					
P	2		NT-129-524-4			2	Nut, Swage																		(1) MS-1000	(1) MS-2314		
P	5		NT-129-832-4			2	Nut, Swage																		(5) MS-1328			
P	4		SC-106-1			1	Bolt, Spade																		(4) A-1370			
P	19		SCBPO440BN4			1	Screw, Machine																					
P	12		SCBPO440BN6			1	Screw, Machine																		(4) A-1930			
P	8		SCBPO440BN10			1	Screw, Machine																					

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PURCHASED ITEM		MATERIAL LIST				MODEL <u>MSR-5</u>		PROJ. NO.					LIST NO. <u>ML-MSR-5</u>												
		QUANTITY		REV		DWG		ISSUE					SHEET												
		REQ.	PL	NO.	SIZE	REV	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	
						DESCRIPTION					REF		SYMBOLS												
						<u>HARDWARE</u>																			

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.		
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG	ISSUE													SHEET	18 OF 24 SHEETS
					SIZE	T	U	A	B	C	D	E	F	G	H	J	K	L		
REF	DESCRIPTION													SYMBOLS						
<u>RAW MATERIALS</u>																				
P	X		BS-100		1	Solder, Soft														
P	X		CD-101-1-MW		1	Cord, Lacing													CA-556, 324	
P	X		GL-101-1		1	Cement, Pliobond													A-1581	
P	X		GL-103		1	Cement, Duco														
P	X		GL-104-2		1	Cement, Insulex, U85														
P	X		MWC18(16)U0		2	Cable, Insulated													CA-556, CA-324	
P	X		MWC18(16)U1		2	Cable, Insulated														
P	X		MWC18(16)U3		2	Cable, Insulated														
P	X		MWC18(16)U4		2	Cable, Insulated														
P	X		MWC18(16)U90		2	Cable, Insulated														
P	X		MWC18(16)U91		2	Cable, Insulated														
						Black														
						Brown														
						Orange														
						Yellow														
						Wh/Black														
						Wh/Brown														
P	X		MWC20(7)U1		2	Cable, Insulated													CA-556	
P	X		MWC20(7)U8		2	Cable, Insulated													CA-556	
P	X		MWC20(7)U91		2	Cable, Insulated													CA-556	
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MATERIAL LIST		REV.	L	M	N	P	R	S	T	U							MODEL MSR-5
SHEET 19 OF 24																	
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS										
				USED ON	USED TO MOUNT	QUAN.											
X	MWC22(7)U0	Cable, Insulated	Black	A-1930		0-3											
				CA-556													
				CA-324													
X	MWC22(7)U1	Cable, Insulated	Brown	CA-556													
X	MWC22(7)U2	Cable, Insulated	Red	A-1930		0-4											
				CA-556													
				CA-324													
X	MWC22(7)U3	Cable, Insulated	Orange	CA-556													
				CA-324													
X	MWC22(7)U4	Cable, Insulated	Yellow	A-1930		0-5											
				CA-556													
X	MWC22(7)U5	Cable, Insulated	Green	CA-556													
X	MWC22(7)U6	Cable, Insulated	Blue	A-1930		0-4											
				CA-556													
				CA-324													
X	MWC22(7)U7	Cable, Insulated	Violet	CA-556													
0-4	MWC22(7)U8	Cable, Insulated	Grey	A-1930		0-4											
X	MWC22(7)U9	Cable, Insulated	White	CA-556													
X	MWC22(7)UPINK	Cable, Insulated	Pink	CA-556													
0-3	MWC22(7)U90	Cable, Insulated	Wh/Black	A-1930		0-3											
X	MWC22(7)U91	Cable, Insulated	Wh/Brown	CA-556													
X	MWC22(7)U92	Cable, Insulated	Wh/Red	CA-324													
X	MWC22(7)U93	Cable, Insulated	Wh/Orange	CA-324													
X	MWC22(7)U96	Cable, Insulated	Wh/Blue	CA-556													
X	MWC24(7)SJ2	Cable, Insulated, Shielded	Red	CA-556													
X	MWC24(7)SJ6	Cable, Insulated, Shielded	Blue	CA-556													
X	MWC24(7)SJ9	Cable, Insulated, Shielded	White	CA-556													
X	PX-104-1-.034	Insulation, Sleeving	Black	A-1576													
				A-1577													
				A-1921													
				A-1923													
				A-1925													
				A-1927													
				A-1930		0-3											
X	PX-104-2-.034	Insulation, Sleeving	Yellow	A-1576													
				A-1577													
				A-1921													
				A-1923													
				A-1925													
				A-1927													

MATERIAL LIST		REV.	L	M	N	P	R	S	T	U						MODEL	MSR-5		
																SHEET	20	OF	24
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
X	PX104-1-.022 PX-104-3-.034	Ins. Slvg. Insulation, Sleeving	Black Red	A1577 A-1921 A-1923 A-1925 A-1927															
X	PX-104-4-.034	Insulation, Sleeving	Green	A-1576 A-1577 A-1921 A-1923 A-1925 A-1927															
X	PX-104-5-.034	Insulation, Sleeving	Brown	A-1921															
X	PX-104-6-.034	Insulation, Sleeving	Blue	A-1576 A-1577 A-1921 A-1923 A-1925 A-1927															
X	PX-104-7-.034	Insulation, Sleeving	Grey	A-1930		0-1													
X	PX-104-8-.034	Insulation, Sleeving	Orange	A-1921		0-1													
X	PX-104-9-.034	Insulation, Sleeving	Violet	A-1576 A-1577 A-1921 A-1923 A-1925															
X	WI-109-2	Cable, Shielded, 2 Cond.																	
X	WL-100-7	Wire, Buss, Size 22		A-1576 A-1577 A-1921 A-1923 A-1925 A-1927															
X	WL-100-8	Wire, Buss, Size 24		A-1930 A-1576 A-1577 A-1921 A-1923		0-7													
				A-1925															

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.	
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	ISSUE													SHEET
						A B C D E F G H J K L M N O P R S													
						DESCRIPTION	REF	SYMBOLS											
						<u>SUPPORTING DRAWINGS</u>													
P	1		A-1370		4	Relay Cover Assembly													
P	1		A-1573		1	Terminal Board No. 4 Mech. Assembly	u/o A-1576												
P	1		A-1574		1	Terminal Board No. 5 Mech. Assembly	u/o A-1577												
	1		A-1576		2	Terminal Board No. 4 Final Assembly & Stamping		TB4, c/o C30,42,43, 44,45,46,R43,44,45,46, 49,50,51,52,47											
	1		A-1577		2	Terminal Board No. 5 Final Ass'y & Stamping		TB5, c/o C15,51,52,54, R53,58,59,61											
	1		A-1581		1	Capacitor Cover & Cushion Assembly													
	1		A-1582		1	Terminal Strip (E1) Jumper Assembly													
P	1		A-1920		2	Terminal Board No. 1 Mech. Ass'y & Stamping	u/o A-1921												
	1		A-1921		4	Terminal Board No. 1 Final Assembly		TB1, c/o C16,17,18,19, 20,26,38,40,41,61,R19, 20,21,22,23,24,34,35, 41,56,63,64,65,66,70, 71,72,73,74,75, T3											
	1		A-1923		2	Terminal Board No. 3, All Stages		TB3, c/o C7,11,36,37, 57,R12,15											
P	1		A-1924		2	Terminal Board No. 2 Mech. Ass'y & Stamping	u/o A-1925												
	1		A-1925		4	Terminal Board No. 2 Final Assembly		TB2, c/o C1,2,3,4,5,6, 8,9,10,12,13,14,35,56, R1,2,3,4,5,6,7,8,9,10, 11,13,14,16,17,18,37, 38,62											
	1		A-1927		2	Terminal Board, No. 6, All Stages		TB6, c/o C24,R26,31,32, 33,36,											
	1		A-1930		2	First Osc. Xtal Chassis Assembly		c/o C58,59,60, XHR1											

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.								
	QUANTITY REQ.	LPZ	PART NO.	REV	ISSUE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	SHEET	22	OF	24
				SIZE	DWG	DESCRIPTION																REF	SYMBOLS			
					TU	<u>SUPPORTING DRAWINGS</u>																				
	1		CA-390-4-3.00		1	Cable, Jumper, 3" Lg., Yellow																u/o A-1582				
	1		CA-556		8	Cable, Main Chassis																				
	1		CA-324		4	Cable, Power Supply																				
	1		CH-175		2	Resistance Chart																				
	1		CH-176		2	Voltage Chart																				
	1		CK-346		1	Block Diagram, MSR-5/GPR-90																Example 2				
	1		CK-347		1	Block Diagram, MSR-5/GPR-90																Example 1				
	1		CK-602		4	Block Diagram, MSR-5																				
	1		CK-455		8	Schematic Diagram																				
	1		ID-191		1	Dimensional Outline, MSR-5																				
P	1		LD-446		2	Lettering, Right Side Plate																MS-1328				
P	1		LD-448		8	Engraving, Front Panel																MS-1334				
P	1		LD-449		4	Lettering, Power Supply Chassis																MS-1346				
P	1		LD-755		8	Lettering, Main Chassis																MS-2308				
P	1		LD-756		2	Lettering, First Osc. Xtal Chassis																MS-2312				

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.						
	QUANTITY REQ.	L	P	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	SHEET	23	OF	24
REV	DWG SIZE	T	U	REV	SIZE	DESCRIPTION													REF	SYMBOLS				
	1				1	<u>SPECIFICATIONS</u>																		
					1	Test Procedure, MSR-5																		

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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.			
	QUANTITY REQ.	P P L	PART NO.	REV	DWG SIZE	ISSUE													SHEET	OF	SHEETS
						T	U	A	B	C	D	E	F	G	H	J	K	L	M	N	P
						<u>LOOSE ITEMS</u>															
	1		CA1079		1	Cable, AC Power													J2 Mate		W1, P2
	2		IN-			Instruction Book															
P	1		MS3057-6		1	Clamp, Cable													For P4		
P	1		MS3106A14S-2S		1	Connector, Plug, Female													J4 Mate		P4
P	1		TM-105-12AL		2	Terminal Strip, Fanning															E4, For E1
P	1		UG-260/U		1	Connector, Plug, Coax.													J1 Mate		P1

MODEL MSR-5

PROJECT NO

DATE	REV.	PAGE	EMN#	DESCRIPTION	CHK.	APP.
-11-60	A	4	2781	Added CU-126-B		
-11-60	A	20	2781	Deleted WI-120-15		
-3-60	B	2	3127	Changed CMI5C680G to CMI5B300J (C37)		
0-25-60	C	4	3295	Added CR-107, deleted ref. "Hi11 Elect. P/n 3N50CS		
-29-61	D	16	5162	Deleted NT-129-524-4.		
0/12/61	E	22	5715	Reverse Descriptions of CA-556 and CA-557		
/2/62	F	2	6489	Chg. CMI5B300J to CMI5C151J. (C37)		
/20/62	G	19	6814	Chg. MWC24(7)S2, MWC24(7)S6, MWC24(7)S9 to MWC24(7)SJ2, MWC24(7)SJ6, MWC24(7)SJ9.		
2/14/62	H	4	7902	Chg. CU-126-B to CU-139-2B		
/8/63	J	8	8519	Add 1 ea. PX-337-8		
				Add 1 ea. PX-337-12		
		12		Chg. TE0832A19H to TE0832AE9H		
				Chg. TE0832A113H to TE0832AE13H		
		14		Chg. 12AU7 to 12AU7A (V1, V9)		
		16		Chg. "SCBS" to "SCBP"		
		17		Chg. "SCBS" & "SCFS" to "SCBP" & "SCFP"		
/22/63	K	4	8644	Chg. CP41B1FF405V to CP41B1FF405K (Svm. C48)		
18-63	L		9312	Sheets 17,19,20. Chgd per EMN		
20-63	M	8	9836	Chg. on Sh.8, line PO-147-1 chg. HRI (XY1, XY2) to		
20-63	M	8		HR2 (XY3); On PO-158-1, chg. HR2 (XY3) to HRI (XY1, XY2)		
3-63	N	13	9876	Revised Sheet 13 per EMN		
/64	P	4,9,10	11169	Revised Shrs. 4,9,10 per EMN		
4/64	R	←	12297	Revised sht. 17, 15,18,19, 2,9,22		
4/64	S	22	13080	Revised sheet 22 per EMN		
/65	T	-----	13399	Revised sheets 1,7,11,15,20,24 per EMN		
65	U	11	14593	Revised per EMN		