

USED ON		
MODEL	SECTION	QUAN.
System	Fly-Away	

ML-TRL-5	A
LIST NO.	REV.

TRANSMIT-RECEIVE RELAY  
(TITLE)

LIST SECTIONS

1. ELECTRICAL / MECHANICAL (Pg. 1,2)
2. HARDWARE (Pg. 3,4)
3. RAW MATERIALS (Pg. 5)
4. SUPPORTING DRAWINGS (Pg. 6)
5. SPECIFICATIONS (Pg. 6)
6. LOOSE ITEMS *None Req.*
7. PARTS PECULIAR *None Req.*

TYPED 4-14-61  
 CHECKED \_\_\_\_\_  
 APPROVED *VB*

PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.										LIST NO.	SHEETS				
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	TRL-5										ML-TRL-5		
									ISSUE	A											
						ELECTRICAL/MECHANICAL															
P	1		A-1971-1		2	Terminal Board, Machining															
P	1		A-1971-2		2	Terminal Board, Lettering															
P	1		A-1971-3		2	Terminal Board, Machine Assembly															
P	12		CC-100-16		2	Capacitor, Fixed, Ceramic, .01 uf	(12)A-1971-4	C601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612													
	1		MS-2547		4	Panel, Front															
	1		MS-2548		8	Chassis	LD-900														
	1		MS-2549		4	Cover, Top															
P	1		MS3102A14S-1P		-	Connector, Receptacle, Male, 3 Contact		J603													
P	1		MS3102A20-27P		-	Connector, Receptacle, Male, 14 Contact		J604													
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PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.										LIST NO.	ML-TRL-5		
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	A										SHEET	2	OF	6
					DWG SIZE	DESCRIPTION						REF	SYMBOLS						
ELECTRICAL/MECHANICAL																			
P	1		NP-102-35		2	Nameplate, Commercial													
P	3		PL-259A-TEF		1	Connector, Plug, Male						W601 W602 W603	P602, P603, P604						
P	1		RL-116-AC-2C-115		2	Relay, Armature							K602						
P	1		RL-139-4-220DC		2	Relay, Solenoid, RF Type							K601						
P	1		RW-109-40		1	Resistor, Fixed, WW., 35K, 10W						(1)A-1971-4	R601						
P	2		UG-61B/U		1	Connector, Receptacle, Female						W602 W603	J601, J602						
P	1		UG-176/U		1	Adapter, Cable to Connector						W601	For P602						
P	1		UG-260/U		1	Connector, Plug, Male						W601	P601						
P	1		UG-492A/U		1	Adapter, Connector							CP601						
P	1		UG-646/U		1	Adapter, Connector, Angle							CP602						
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PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.										LIST NO.			
	QUANTITY REQ.	NPL	PART NO.	REV	ISSUE	TRL-5	A											SHEET	OF
					DWG SIZE	DESCRIPTION										REF	SYMBOLS		
						HARDWARE													
P	16		LWEO4MRN		1	Lockwasher, Ext.													
P	6		LWEO6MRN		1	Lockwasher, Ext.													
P	8		NT-129-440-4		2	Nut, Round, Swage Type										(8)MS-2548			
P	5		NT-129-632-4		2	Nut, Round, Swage Type										(5)MS-2548			
P	16		NTH0440BN6		1	Nut, Hex.													
P	2		NTH0632BN8		1	Nut, Hex.													
P	16		SCBS0440BN6		1	Screw, Machine, 4-40 x 3/8 Lg.													
P	2		SCBS0632BN4		1	Screw, Machine, 6-32 x 1/4 Lg.													
P	4		SCBS0632BN6		1	Screw, Machine, 6-32 x 3/8 Lg.													
P	2		SCBS0632BN18		1	Screw, Machine, 4-40 x 1-1/8 Lg.													

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PURCHASED ITEM	MATERIAL LIST				MODEL	TRL-5										PROJ. NO.	LIST NO.	ML-TRL-5				
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE	A								SHEET	4	OF	6	SHEETS
									HARDWARE													
P	8		SCFS0440BN4		1	Screw, Machine, 4-40 x 1/4 Lg.																
P	1		SCFS0632BN6		1	Screw, Machine, 6-32 x 3/8 Lg.																
P	4		SFB0256SN3		2	Screw, Self-Tapping																
P	2		TE-108-1		1	Spacer, Threaded, Rivet Type	(2)MS-2548															
P	2		TE-108-3		1	Spacer, Threaded, Rivet Type	(2)A-1971-3															
P	26		TE-109-3		1	Terminal, Stud	(26)A-1971-3															
P	1		TE-125		1	Terminal, Lug	(1)A-1971-4															

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PURCHASED ITEM	MATERIAL LIST				MODEL	TRL-5										PROJ. NO.	LIST NO.	ML-TRL-5				
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE	A								SHEET	5	OF	6	SHEETS
									RAW MATERIALS													
P	X		BS-100		1	Solder, Soft																
P	X		CD-101-1-MW		1	Cord, Lacing	CA-614															
P	X		GL-103		1	Cement	MS-2549															
P	1		IM-171-5		1	Insulation, Cover, 3 x 6	(1)MS-2549															
P	X		MWC22(7)U0		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U1		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U2		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U3		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U4		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U5		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U6		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U7		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U8		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U9		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U92		2	Cable, Insulated	CA-614															
P	X		MWC22(7)U96		2	Cable, Insulated	CA-614															
P	1"		PX-100-1-.022		1	Insulation Sleeving	(1")A-1971-4															
P	14"		RG-11/U		1	Cable, RF	(6")W602, (8) W603															
P	10"		RG-59/U		1	Cable, RF	(10")W601															
P	10"		WL-100-7		1	Wire, Buss, Size 22	(10")A-1971-4															

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PURCHASED ITEM	MATERIAL LIST				MODEL	TRL-5										PROJ. NO.	LIST NO.		ML-TRL-5																				
	QUANTITY REQ.	NPL	PART NO.	REV	DWG SIZE	DESCRIPTION										REF	SYMBOLS																						
										ISSUE										A										SHEET 6 OF 6 SHEETS									
										SUPPORTING DRAWINGS																													
	1		A-1971-4		2	Terminal Board, Final Assembly																																	
	1		A-2094		8	Final Assembly, TRL-5																																	
	1		CA-480-9-10		4	Cable Assembly, Receiver											W601 (P601,P602)																						
	1		CA-480-13-5.437		4	Cable Assembly, Antenna											W602 (J601,P603)																						
	1		CA-480-13-7.750		4	Cable Assembly, Transmitter											W603 (J602,P604)																						
	1		CA-614		4	Cable, Branched																																	
	1		CK-496		4	Schematic Diagram																																	
	1		CK-543		1	Diagram, Interconnect (Typical)																																	
P	1		LD-900		4	Lettering, Chassis										MS-2548																							
	1		TRL-5		2	Dimensional Outline																																	
	1		S-564		1	<u>SPECIFICATIONS</u> Test Procedure																																	

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TRC-5

