

M A T E R I A L L I S T

      TONE RECEIVE UNIT

      MODEL TRU

SECTION I	ELECTRICAL COMPONENTS AND MECHANICAL PARTS
SECTION II	HARDWARE (NUTS, SCREWS, WASHERS, ETC.)
SECTION III	LOOSE ITEMS SUPPLIED W/UNIT
SECTION IV	SUPPORTING DRAWINGS
SECTION V	SPECIFICATIONS
SECTION VI	RAW MATERIAL

NOTE: P INDICATES PURCHASED ITEMS

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MATERIAL LIST

MODEL TRU  
ISSUE

PROJ. NO. 638

LIST NO. ML-A-1285  
SHEET 1 OF 7 SHEETS

ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION ELECTRICAL COMPONENTS AND MECHANICAL PARTS	REMARKS	SIZE
	CM35C103K	3	Capacitor, Fixed	C501, 502, 505	
	CM35C202K	2	Capacitor, Fixed	C503, 504	
	CN-100-3	1	Capacitor, Fixed	C506	
	CP53B1EF205K	1	Capacitor, Fixed	C507	
	HA-102-3-A-C	2	Handle		
	JJ-121-1	1	Receptacle, 6 Prong	J501	
	MS-154-1	2	Straddle Plate		
	MS-1014	1	Bracket, Potentiometer		
	MS-1016	1	Cover, Mounting		
	MS-1023	1	Cover, Plate		
	MS-1024	1	Chassis, Main		
	PX-355 (Use A-1372)	1	Terminal Board (No Dwg.)		
	PX-337-5	1	Insulation, Terminal Strip		

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MATERIAL LIST		MODEL TRU				PROJ. NO. 638				LIST NO. ML-A-1285	
		ISSUE A B								SHEET 2 OF 7 SHEETS	
ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION				REMARKS	SIZE			
			ELECTRICAL COMPONENTS AND MECHANICAL PARTS (CON'T)								
	RA75ASA252AK25	1	Resistor, Variable				R522				
	RC20GF103K	1	Resistor, Fixed				R523				
	RC20GF104K	2	Resistor, Fixed				R516, 520				
	RC20GF105K	5	Resistor, Fixed				R501, 503, 514, 515, 524				
	RC20GF152K	1	Resistor, Fixed				R517				
	RC20GF225K	2	Resistor, Fixed				R507, 508				
	RC20GF334K	1	Resistor, Fixed				R518				
	RC20GF394K	3	Resistor, Fixed				R502, 510, 511				
	RC20GF472K	1	Resistor, Fixed				R504				
	RC20GF473K	1	Resistor, Fixed				R509				
	RC20GF564K	1	Resistor, Fixed				R519				
	RC20GF684K	1	Resistor, Fixed				R505, 510				
	RC42GF273K	1	Resistor, Fixed				R506				
	RC20GF271K	1	Resistor, Fixed				R525				
	RC20GF274K	1	Resistor, Fixed				R513				
	RV4ATSAL03A	1	Resistor, Variable				R512				
	RW-109-38	1	Resistor, Fixed				R521				
	SM-137	2	Spacer, Tapped				R518				

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MATERIAL LIST		MODEL	TRU	PROJ. NO.	638	LIST NO.	ML-A-1285	
		ISSUE	A			SHEET	3 OF 7 SHEETS	
ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION			REMARKS	SIZE	
			ELECTRICAL COMPONENTS AND MECHANICAL PARTS (CON'T)					
	TE-109-3	39	Terminal, Lug Split					
	TE-111-2	1	Lug, Solder					
	TE-149-.120	3	Lug, Solder					
	TF-167	1	Transformer (UTC-07)			T501		
	TF-5002	1	Reactor			T502		
	TM-100-5	1	Terminal Strip			E501		
	TS-102-P01	1	Socket, Min. 7 Pin			XV504		
	TS-102-U03	1	Shield, Tube					
	TS-103-P01	3	Socket, Min. 9 Pin			XV501, 502, 503		
	TS-103-U02	3	Shield, Tube					
			<u>TUBES</u>					
	12AT7	1	Tube, Electron			V501		
	6BC7	1	Tube, Electron			V502		
	12AX7	1	Tube, Electron			V503		
	6BF5	1	Tube, Electron			V504		
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MATERIAL LIST

MODEL TRU  
ISSUE

PROJ. NO. 638

LIST NO. ML-A-1285  
SHEET 4 OF 7 SHEETS

ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION HARDWARE	REMARKS	SIZE
	ANL26AD54	5	Rivet		
	FWO6MRC	2	Washer, Flat		
	FS-109-3	4	Ring, Retainer		
	FS-110-1	6	Stud, Slotted Head		
	LWEO4MRC	12	Lock Washer, External		
	LWEO6MRC	17	Lock Washer, External		
	NT-108-1	10	Nut, Speed		
	NTHO44OBC6	12	Nut, Hexagon		
	NTHO632BC8	11	Nut, Hexagon		
	SCBSO256BC3	4	Screw, Machine		
	SCBSO44OBC4	8	Screw, Machine		
	SCBSO44OBC7	4	Screw, Machine		
	SCBSO632BC4	16	Screw, Machine		
	SCBSO632BC6	6	Screw, Machine		
	SCBSO632BC36	1	Screw, Machine		
	SEFSO44OBC4	5	Screw, Machine		
	SCFSO632BC4	6	Screw, Machine		
	WA-101-3	2	Washer, Fiber		

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MATERIAL LIST

MODEL TRU

PROJ. NO. 638

LIST NO. ML-A-1285

ISSUE

SHEET 5 OF 7 SHEETS

ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION LOOSE ITEMS SUPPLIED W/UNIT	REMARKS	SIZE
	TM-105-5-A-R	1	Fanning Strip, for TM-100 & TM-102 Barriers		

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THE TECHNICAL MATERIAL CORPORATION

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MATERIAL LIST			MODEL TRU	PROJ. NO. 638	LIST NO. ML-A-1285	
			ISSUE A		SHEET 6 OF 7 SHEETS	
ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION		REMARKS	SIZE
			SUPPORTING DRAWINGS	SPECIFICATIONS		
			<u>SUPPORTING DRAWINGS</u>			
	A-1394	1	Terminal Board	Final Assembly (TB-501)	TB-501	
	A-1285	1	Main Assembly	(No Dwg.)		
	A-1372	1	Terminal Board	Sub-Assembly		
	A-1393	1	Cover Assembly			
	CA-332	1	Cable Assembly			
	CA-333	1	Cable, Power			
	CA-334	1	Cable, Audio			
	CK-257	2	Schematic Diagram			
	LD- 335	1	Stamping, Chassis, Main		TB-501	
	LD-322	1	Terminal Board Lettering			
	ID-331	1	Rubber Stamp, Name Plate Model TRU			
			<u>SPECIFICATIONS</u>			
	S-101		Caustic Dip			
	S-107		Lacquer			
	S-113		Fungus Resistant Varnish			
	S-323		TRU Test Procedure			

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MATERIAL LIST		MODEL TRU		PROJ. NO. 638		LIST NO. ML-A-1285	
		ISSUE	A			SHEET 7 OF 7 SHEETS	
RAW MATERIAL	STOCK SIZE	TYPE & TEMPER	TOTAL PER UNIT		TOTAL PER UNIT	SIZE	
Aluminum	.064	5052-H32	576 Sq. Inches		3½ lbs.		
Aluminum	¼ Dia.	2011-T3	24 Inches Long		.118 lbs.		
Solder (BS-100)		Soft					
CD-101-1-GE		Cord, Lacing, Nylon					
Phenolic (Natura)	1/8	XXXP	14 Sq. Inches				
PX-100-1-.022		Insulation, Sleeving					
PX-100-1-.133		Insulation, Sleeving					
PX-104-1-.022	.022	" "					
SRIR3/5(7)22U00		Cable (Hook-Up) Insulated Stranded			Black		
SRIR3/5(7)22U PINK		" ( " - " ) " "			Pink		
SRIR3/5(7)22U22		" ( " - " ) " "			Red		
SRIR3/5(7)22U44		" ( " - " ) " "			Yellow		
SRIR3/5(7)22U55		" ( " - " ) " "			Green		
SRIR3/5(7)22U66		" ( " - " ) " "			Blue		
SRIR3/5(7)22U77		" ( " - " ) " "			Purple		
SRIR3/5(7)22U91		" ( " - " ) " "			Wh/Brown		
SRIR3/5(7)22U93		" ( " - " ) " "			W/Orange		
SRIR3/5(7)22U94		" ( " - " ) " "			Wh/Yellow		
SRIR3/5(7)22U95		" ( " - " ) " "			Wh/Green		
SRIR3/5(7)22U96		" ( " - " ) " "			Wh/Blue		
SRIR3/5(7)22U99	22ga.	" ( " - " ) " "			White		
WI-100-2		Cable, Multi Conductor					
WI-101-3		Cable, Shield Flexible					
WI-101-4		Cable, Shield Flexible					
Buss Bar (WL-100-7)							
WL-100-8	24ga.	Wire, Buss					

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