

MATERIAL LIST		REV.																	MODEL	AX-346	
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS														
				USED ON	USED TO MOUNT	QUAN.															
		ENCLOSURES																			
1	MS-1458	Base																			
1	MS-1699	Panel, Top																			
1	MS-2118	Door, Front, Main Frame																			
1	MS-2119	Door, Front, Aux. Frame																			
1	MS-2175	Shield, Base																			
1	MS-2338	Plate, Cover, Bowl Opening, Inside																			
1	MS-2442	Plate, Cover, Bowl Opening, Outside																			
1	MS-2675	Plate, Rear, Shock Mounting																			
1	MS-2849	Door, Rear, Main Frame																			
1	MS-2850	Door, Rear, Aux. Frame																			
1	MS-2851	Panel, Left Side, Aux. Frame																			
1	MS-2852	Panel, Right Side, Main Frame																			
4	SH-110	Stabilizer, Shock, Top																			
1	SH-111	Shock, Base																			

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS						
				USED ON	USED TO MOUNT	QUAN.							
		ENCLOSURES											
		<u>The Following Items to be Supplied And Assembled to Doors by Cabinet Mfr.</u>											
3	HA-114-1	Handle		MS-2118		1							
				MS-2849		1							
				MS-2850		1							
1	HA-114-2	Handle		MS-2119		1							
2	PM-531-A-24.00	Rod, Latch		MS-2118		2							
				MS-2119		2							
2	PM-531-A-24.00	Rod, Latch		MS-2849		1							
				MS-2850		1							
6	PM-531-A-36.56	Rod, Latch		MS-2118		2							
				MS-2119		2							
				MS-2849		1							
				MS-2850		1							
1	PM-688	Cam, 2 Point Catch, Tapped		MS-2119		1							
3	PO-186	Cam, 2 Point Catch		MS-2118		1							
				MS-2849		1							
				MS-2850		1							
2	SLHC1032BN4	Setscrew			PM-688	2							

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				USED ON	USED TO MOUNT	QUAN.																
		<u>THE FOLLOWING ITEMS TO BE MOUNTED TO BASE MS-1458 (SEE A-1741) & BOTTOM SHIELD, MS-2175 BEFORE SHIPPING</u>																				
2	MS-1850-A	Cover, Access	A-1741	MS-2175		2																
2	MS-1850-S	Cover, Access		MS-1458		2																
48	LWS04MRN	Washer, Lock, Split		MS-1458		24																
				MS-2175		24																
24	LWS25MRN	Washer, Lock, Split		MS-1458		12																
				MS-2175		12																
24	NT-117-2520A	Nut, Floating		MS-1458		12																
				MS-2175		12																
48	NTH0440BN8	Nut, Hexagon		MS-1458		24																
				MS-2175		24																
48	SCFS0440BN8	Screw, Machine	MS-1458		24																	
			MS-2175		24																	
4	SCFS0832BN6	Screw, Machine (SEE NOTE)		Shield to Base																		
24	SCHH2520BN12	Screw, Machine	MS-1458		12																	
			MS-2175		12																	
		NOTE: Shield, MS-2175, to be Mtd. to Base, MS-1458, with 4 SCFS0832BN6 Before Shipping																				

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
		<u>THE FOLLOWING ITEMS TO BE MOUNTED TO RIGHT SIDE PANEL, MS-2852</u>														
16	FS-102-1	Spring, "S" Type														
16	FS-109-3	Ring, Stud Retaining			MS-2256	16										
16	FS-110-1	Stud, Slotted Head			MS-2256	16										
32	LWS03MRN	Washer, Lock, Split														
2	MS-2256	Cover, Filter, Blank														
1	MS-2258	Cover, Unbalanced Output														
32	NTH0348BN6	Nut, Hexagon														
11	SCBS1032BN8	Screw, Machine					For Hinge									
32	SCFS0348BN6	Screw, Machine														

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		<u>THE FOLLOWING ITEMS TO BE MOUNTED TO LEFT SIDE PANEL, MS-2851</u>					
1	AD-103-1	Filter, Air					
8	FS-102-1	Spring, "S" Type					
8	FS-109-3	Ring, Stud Retaining		MS-2255		8	
8	FS-110-1	Stud, Slotted Head		MS-2255		8	
16	LWS03MRN	Washer, Lock, Split					
1	MS-2255	Cover, Filter, Perforated					
16	NTH0348BN6	Nut, Hexagon					
11	SCBS1032BN8	Screw, Machine					For Hinge
16	SCFS0348BN6	Screw, Machine					

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		<u>THE FOLLOWING ITEMS TO BE MOUNTED TO FRONT DOORS, MS-2118 & MS-2119</u>					
2	MS-2257	Spacer, Door		MS-2118 MS-2119		1 1	
22	SCFS1032BN6	Screw, Machine			MS-2257	22	

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		THE FOLLOWING ITEMS TO BE MOUNTED TO REAR DOORS, MS-2849 & MS-2850 BEFORE <u>SHIPPING</u>					
2	NP-195	Nameplate, High Voltage		MS- 2849 MS- 2850		1 1	
8	SFB0440SN3	Screw, Self Tapping			NP-195	4	

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				USED ON	USED TO MOUNT	QUAN.									
		<u>ELECTRICAL/MECHANICAL</u>													
1	BI-106-1	Lamp, Incandescent					I3000 To Be Mtd. Upon Shp t. Mate for AJ-100 (RF Probe)								
1	MS-1665	Plate, Blank, Unbalanced Output													
1	PL-149	Connector, Plug, QDS													
1	TS-138	Socket, Lamp, w/Red Lens		AX-124		1									
		<u>HARDWARE</u>													
24	FW25HBN	Washer, Flat, 1/4"		AX-159		24									
12	FW50HBN	Washer, Flat, 1/2"		AX-159		12									
4	GA-100	Gasket, Neoprene, 1/2"		AX-159		4									
24	GA-104	Gasket, Neoprene, 1/4"		AX-159		24									
4	GA-139	Gasket, Neoprene		AX-159		4									
12	LWS25MRN	Washer, Lock, Split, 1/4"		AX-159		12									
6	LWS50MRN	Washer, Lock, Split, 1/2"		AX-159		6									
4	NS-123	Insulator, Bowl		AX-159		4									
12	NTH2520BN14	Nut, Hexagon, 1/4"		AX-159		12									
12	NTH5020BN24	Nut, Hexagon, 1/2"		A-1403		2									
12	SCHH2520BN28	Screw, Machine, 1/4"		AX-159		10									
2	SM-139	Stud, Threaded		AX-159		12									
4	TE-120-2	Lug, Spade		A-1403		2									
				CA-409		4									
		<u>RAW MATERIALS</u>													
24"	BS-101	Silver, Solder		A-1403											
24"	MWC14(19)B9	Wire, Electrical, Fiberglass		CA-409		24"									
24"	MWC14(19)B90	Wire, Electrical, Fiberglass		CA-409		24"									
		<u>SUPPORTING DRAWINGS</u>													
2	A-1403	Antenna Stud Assembly		AX-159		2									
1	AX-124 (2A-1696)	HV Lamp Socket Assembly					XI3000								
2	AX-159 (2A-1737)	NOTE: <u>Insulators to be Mtd. to 10K</u> <u>Top Shield. Center Stud & Stud Hdwre.</u> <u>To be Shipped in Bag.</u>													
1	CA-409-24-24.00	Cable, Jumper		AX-124		1									
1	CA-409-25-24.00	Cable, Jumper		AX-124		1									

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		<u>TRIMS</u>					
1	MS-1633	Trim, Front, Right Side (Main Frame)					
1	MS-1634	Trim, Front, Left Side (Main Frame)					
1	MS-1635	Trim, Front, Top					
1	MS-1636	Trim, Front, Bottom					
1	MS-1637	Trim, Front Hinged, Right Side (Aux. Frame)					
1	MS-1672	Trim, Rear, Bottom					
1	MS-1920	Trim, Front, Hinged, Left Side (Aux. Frame)					
1	MS-2846	Trim, Rear, Center					
1	MS-2847	Trim, Rear, Left Side, (Main Frame)					
1	MS-2848	Trim, Rear, Right Side, (Aux. Frame)					

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
		HARDWARE (Pack in Bag) <u>Base, Bottom Shields, and Ground System to Frame</u>	MS-1458 MS-2175													
1	Bag	Bag, Cloth														
10	FW37HBN	Washer, Flat, 3/8				Frame to Base										
9	FW62HBN	Washer, Flat, 5/8				For Ground Connection										
10	LWS37MRN	Washer, Lock, Split, 3/8				Frame to Base										
4	LWS62MRN	Washer, Lock, Split, 5/8				For Ground Connection										
1	MS-1753-2-18	Ground Strap, 18" Long				From Aux. To Base										
1	MS-1753-2-30	Ground Strap, 30" Long				From Main to Aux.										
3	NTH6211BN32	Nut, Hexagon, 5/8-11				For Ground Connection										
10	SCHH3716SS24	Bolt, Hex. Hd. 3/8-16 x 1-1/2 Lg.				Frame to Base										
1	SCHH6211BN24	Bolt, Hex. Hd., 5/8-11 x 1-1/2 Lg.				For Ground Connection										

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		HARDWARE					
		(Pack in Bag)					
		<u>Aux. Frame to Main Frame</u>					
1	Bag	Bag, Cloth					
10	FW31HBN	Washer, Flat, 5/16					
10	LWS31MRN	Washer, Lock, Split, 5/16					
10	SCHH3118SS16	Bolt, Hex. Hd., 5/16-18 x 1" Long					

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QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		(Pack in Bag)					
		<u>Transformer to Main Frame (TF-203)</u>					
1	Bag	Bag, Cloth					
4	FW50HBN	Washer, Flat, 1/2					
4	LWS50MRN	Washer, Lock, Split, 1/2					
4	SCHH5013SS48	Bolt, Hex. Hd., 1/2-13 x 3" Long					

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		HARDWARE (Pack in Bag)					
		<u>Trim Mtg. Hardware</u>					
12	NT-108-5	Nut, Speed, 8-32 (Mount Speed Nuts to Frame Before Shipping)			For Front Trims		
30	SCBS0832BN6	Screw, Machine, 8-32 x 3/8" Long			Rear Trims Front Trims	18 12	

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
		HARDWARE														
		(Pack in Bag)														
		<u>Door Latch to Frame</u>														
1	Bag	Bag, Cloth														
8	FW10HBN	Washer, Flat, #10			MS-1660											
					to MS-1661											
					MS-2122											
					to MS-2123											
					MS-2845											
					to Frame											
6	FW25HBN	Washer, Flat, 1/4			Brackets											
					to Frame											
6	LWE1OMRN	Washer, Lock, External, #10			MS-1660	2										
					to MS-1661											
					MS-2122	4										
					to MS-2123											
8	LWS1OMRN	Washer, Lock, Split, #10			MS-1661	2										
					to Frame											
					MS-2123	4										
					to Frame											
					MS-2845	2										
					to Frame											
1	MS-1660	Door Latch Stop, Top, Front														
1	MS-1661	Door Latch Mtg. Bracket, Top, Front														
2	MS-2122	Door Latch Stop, Bottom, Front & Rear														
2	MS-2123	Door Latch Mtg. Bracket, Bottom Fr. & Rear														
1	MS-2845	Bracket, Door Latch, Top, Rear														

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS								
				USED ON	USED TO MOUNT	QUAN.									
		HARDWARE													
		(Pack in Bag)													
		<u>Door Latch to Frame (cont)</u>													
8	NTH1032BN12	Nut, Hexagon, 10-32			MS-1660 to MS-1661	2									
					MS-2122 to MS-2123	4									
					MS-2845 to Frame	2									
6	SCBS1032BN10	Screw, Machine, 10-32 B.H.			MS-1661 to Frame	2									
					MS-2123 to Frame	4									
8	SCFS1032BN8	Screw, Machine, 10-32 F.H.			MS-1660 to MS-1661	2									
					MS-2122 to MS-2123	4									
					MS-2845 to Frame	2									

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QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
		(Pack in Bag)														
		<u>Top Panel to Frame</u>	MS-1699													
1	Bag	Bag, Cloth														
12	FW25HBN	Washer, Flat, 1/4														
8	HB-101-3	Plug, Button, 1/2" (Paint S-220)					For Shock Holes For Mtg. Holes									
16	HB-101-6	Plug, Button, 7/8" (Paint S-220)														
12	LWS25MRN	Washer, Lock, Split, 1/4														
12	SCHH2520SS24	Screw, Machine, 1/4-20 x 1-1/2 Long														

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QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		(Pack in Bag) <u>Side Panels to Frame</u>	MS-2851 MS-2852				
1	Bag	Bag, Cloth					
20	FW31HBN	Washer, Flat, 5/16					
20	HB-101-6	Plug, Button, 7/8" (Paint S-220)					For Mtg. Holes
20	LWS31MRN	Washer, Lock, Split, 5/16					
20	SCHH3118SS24	Bolt, Machine, 5/16-18 x 1-1/2 Long					

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QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		(Pack in Bag)					
		<u>Shocks to Frame & MS-2675 to Frame</u>	MS-2675 SH-110 SH-111				
20	FW37HBN	Washer, Flat, 3/8			MS-2675 SH-110	4 16	
14	FW50HBN	Washer, Flat, 1/2			SH-111	14	
20	LWS37MRN	Washer, Lock, Split, 3/8			MS-2675 SH-110	4 16	
14	LWS50MRN	Washer, Lock, Split, 1/2			SH-111	14	
20	SCHH3716SS16	Bolt, Machine, 3/8-16 x 1 Long			MS-2675 SH-110	4 16	
14	SCHH5013SS16	Bolt, Machine, 1/2-13 x 1 Long			SH-111	14	

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QUAN. PER UNIT	PART NO.	DESCRIPTION MISC. LOOSE ITEMS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
4	FW08HBN	Washer, Flat			MS-2442	4	
12	LWE08MRN	Washer, Lock, External			MS-2338	12	
12	NTH0832BN8	Nut, Hexagon			MS-2338	12	
16	SCBS0832BN8	Screw, Machine			MS-2338 MS-2442	12 4	

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
		SUPPORTING DRAWINGS														
		(SHIP AS LOOSE ITEMS)														
1	AX-346	Cabinet Enclosures & Accessories Ass'y.														
1	ID-272	Installation Diagram														
2	Technical Manual	For GPT-10K Transmitter														
1	Test Sheet	For GPT-10K Transmitter														
1	Technical Manual	For Sola Volt. Regulator														
1	Warranty Claim	For 4CX5000A Electron Tube														
1	Warranty Claim	For PL-172 Electron Tube														

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QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		REFERENCE PACKING INFORMATION					
	Box No. 1	Main Frame Assembly					
	Box No. 2	Aux. Frame Assembly					
	Box No. 3	Base & Base Shield Assembly & SH-111					
	Box No. 4	One Top Panel Two Side Panels Four Doors All Trims (11 Pieces) Four SH-110, Rear Shocks MS-2675 Rear Stabilizer Plate					
	Box No. 5	Transformer, TF-203					
	Box No. 6	Aux. Frame Equipment as Required					
	Box No. 7	Aux. Frame Equipment as Required					
	Box No. 8	Aux. Frame Equipment as Required					
	Box No. 9	Aux. Frame Equipment as Required					
	Box No. 10	One RFC & AX-104					
	Box No. 11	One HVR, AX-103					
	Box No. 12	Misc. Loose Items					