

SYM	ZONE	DESCRIPTION	DATE	EMN	DRAFT	CHKD	APPD
Ø		ORIGINAL RELEASE FOR PRODUCTION	1/1/66	Ø	CV		

ENCLOSURES							
1	MS1458	BASE					
1	MS1647	DR, REAR, MN FR					
1	MS1648	DR, REAR, AUX. FR					
1	MS1699	PNL, TOP					
1	MS2116	PNL, R SD, MN FR					
1	MS2117	PNL, L SD, AUX. FR					
1	MS2118	DOOR, FR, MAIN FR					
1	MS2119	DOOR, FR, AUX. FR					
1	MS2175	SHLD, BASE					
Note(1)	MS2338	PL, COV, BOWL OPENING, IN.					
1	MS2442	PL, COV, BOWL OPENING, OUT.					

The following items to be supplied and assembled to doors by cabinet manufacturer

3	HA114-1	HANDLE					
1	HA114-2	HANDLE			U/O	MS2119	
8	PM531A36.56	ROD, LATCH					
1	PM688	CAM, 2 PT CATCH, TAPPED			U/O	MS2119	
3	PO186	CAM, 2 PT CATCH					
2	SLHC1032SN4	SETSCREW				FOR	PM688

THE FOLLOWING ITEMS TO BE MOUNTED TO BASE MS1458 (SEE A1741) & BOTTOM SHIELD, MS2175 (BEFORE SHIPPING)

2	MS1850A	COVER, ACCESS			(2)	MS2175	
2	MS1850S	COVER, ACCESS			U/O	A1741	(2)MS1458
48	LWS04MRN	WASH., LK, SPLIT			(24)	MS2175	(24)MS1458
24	LWS25MRN	WASH., LK, SPLIT			(12)	MS1458	(12)MS2175
24	NT117-2520A	NUT, FLOATING			(12)	MS1458	(12)MS2175
48	NTH0440BN8	NUT, HEX			(24)	MS1458	(24)MS2175
48	SCFP0440BN8	SCR, MACH			(24)	MS1458	(24)MS2175
4	SCFP0832BN6	SCR, MACH (See NOTE)				SHLD to BASE	
24	SCHH2520BN12	SCR, MACH			(12)	MS1458	(12)MS2175

NOTE: Shield, MS2175, to be mounted to Base, MS1458 with 4 SCFS0832BN6 before shipping.

THE FOLLOWING ITEMS TO BE MOUNTED TO RIGHT SIDE PANEL, MS2116

16	FS102-1	SPG, "S" TYPE					
16	FS109-3	RING, STUD RETAINING				MS2256	
16	FS110-1	STUD, SLOTTED HEAD				MS2256	
32	LWS03MRN	WASH., LK, SPLIT					
2	MS2256	COV, FIL, BLANK					
1	MS2258	COV, UNBAL. OUTPUT					
32	NTH0348BN6	NUT, HEX					
11	SCBP1032BN8	SCR, MACH				FOR HINGE	
32	SCFP0348BN6	SCR, MACH					

THE FOLLOWING ITEMS TO BE MOUNTED TO LEFT SIDE PANEL, MS2117

1	AD103-1	FILTER, AIR					
8	FS102-1	SPG, "S" TYPE					
8	FS109-3	RING, STUD RETAINING				MS2255	
8	FS110-1	STUD, SLOTTED HEAD				MS2255	
16	LWS03MRN	WASH., LK, SPLIT					
1	MS2255	COV, FIL, PERFORATED					
16	NTH0348BN6	NUT, HEX					
11	SCBP1032BN8	SCR, MACH				FOR HINGE	
16	SCFP0348BN6	SCR, MACH					

THE FOLLOWING ITEMS TO BE MOUNTED FRONT DOORS MS2118 AND MS2119

2	MS2257	SPACER, DOOR				MS2118	
						MS2119	
22	SCFP1032BN6	SCR, MACH				(11)MS2257	
						(11)MS2257	

THE FOLLOWING ITEMS TO BE MOUNTED TO REAR DOORS, MS1647, MS1648 (BEFORE SHIPPING)

2	NP195	NAMEPLATE, HV				(1) MS1647	
						(1) MS1648	
8	SFB0440SN3	SCR, SELF TAPPING				(4) NP195 MTG	
						(4) NP195 MTG	

TRIMS			
1	MS1633	TRIM, FR, R SD (MN FRAME)	
1	MS1634	TRIM, FR, L SD (MN FRAME)	
1	MS1635	TRIM, FR, TOP	
1	MS1636	TRIM, FR, BOT	
1	MS1637	TRIM, FR, HINGED, R SD (AUX. FR)	
1	MS1669	TRIM, REAR, CENTER	
1	MS1670	TRIM, REAR, R SD (AUX. FR)	
1	MS1671	TRIM, REAR, L SD (MN FR)	
2	MS1672	TRIM, REAR, TOP/BOT	
1	MS1920	TRIM, FR, HINGED, L SD (AUX. FR)	

NOTE (2)

HARDWARE (Pack in Bag)			
BASE, BOTTOM SHIELDS, AND GROUND SYSTEM TO FRAME (MS1458, MS2175)			

1	Bag	BAG, CLOTH	
10	FW37HBN	WASH., FLAT	FRAME to BASE
9	FW62HBN	WASH., FLAT	FOR GRD CONN
10	LWS37MRN	WASH., LK, SPLIT	FRAME to BASE
4	LWS62MRN	WASH., LK, SPLIT	FOR GRD CONN
1	MS1753-2-18	GRD STRAP, 18" long	FR. AUX. to BASE
1	MS1753-2-30	GRD STRAP, 30" long	FR. MAIN to AUX.
3	NTH6211BN32	NUT, HEX, 5/8-11	FOR GRD CONN
10	SCHH3716SS24	BOLT, HEX. HD	FRAME to BASE
1	SCHH6211BN24	BOLT, HEX. HD	FOR GRD CONN

NOTE (1)

HARDWARE (Pack in Bag)			
AUX. FRAME TO MAIN FRAME			

1	Bag	BAG, CLOTH	
10	FW31HBN	WASH., FLAT	
10	LWS31MRN	WASH., LK, SPLIT	
10	SCHH3118SS16	BOLT, HEXAGON HEAD	

NOTE (1)

HARDWARE (Pack in Bag)			
TRANSFORMER TO MAIN FRAME (TF203)			

1	Bag	BAG, CLOTH	
4	FW50HBN	WASH., FLAT	
4	LWS50MRN	WASH., LK, SPLIT	
4	SCHH5013SS48	BOLT, HEXAGON HEAD	

NOTE (1)

TRIM MTG HARDWARE (Pack in Bag)			
NUT, SPEED, 8-32 FOR FR TRIMS			
(Mount Speed Nuts to Frame before Shipping)			
21 for REAR TRIMS			
12 for FR TRIMS			

12	NT108-5	NUT, SPEED, 8-32	FOR FR TRIMS
33	SCBP0832BN6	SCR, MACH	21 for REAR TRIMS
			12 for FR TRIMS

NOTE (1)

HARDWARE (Pack in Bag)			
DOOR LATCH TO FRAME			

1	Bag	BAG, CLOTH	
8	FW10HBN	WASH., FLAT	(4)MS1660 to MS1661
8	FW25HBN	WASH., FLAT	(4)MS2122 to MS2123
8	FW25HBN	WASH., FLAT	(4)MS1661 to FRAME
			(4)MS2123 to FRAME
8	LWS10MRN	WASH., LK, SPLIT	(4)MS1660 to MS1661
			(4)MS2122 to MS2123
2	MS1660	DOOR LATCH STOP, TOP	
2	MS1661	DOOR LATCH MTG BRKT, TOP	
2	MS2122	DOOR LATCH STOP, BOT	
2	MS2123	DOOR LATCH MTG BRKT	
8	NTH1032BN12	NUT, HEX	(4)MS2122 to MS2123
			(4)MS1660 to MS1661
8	SCBP1032BN8	SCR, MACH	(4)MS2123 to FRAME
			(4)MS1661 to FRAME
8	SCFP1032BN10	SCR, MACH	(4)MS1660 to MS1661
			(4)MS2122 to MS2123

NOTE 1. Delete FOR A5585-1 (AX227-3)  
2. Add FOR A5585-1 (AX227-3)

2	NP195	NAMEPLATE, HV	(1) MS1647
			(1) MS1648
8	SFB0440SN3	SCR, SELF TAPPING	(4) NP195 MTG
			(4) NP195 MTG

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.

REVISIONS							
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HARDWARE (Pack in Bag)			
TOP PANEL TO FRAME			

1	MS1699	BAG, CLOTH	
12	FW25HBN	WASH., FLAT	
8	HB101-3B	PLUG, BUTTON, 1/2" (Paint S220)	FOR SHOCK HOLES
16	HB101-6B	PLUG, BUTTON, 7/8" (Paint S220)	FOR MTG HOLES
12	LWS25MRN	WASH., LK, SPLIT	
12	SCHH2520SS24	SCR, MACH	

HARDWARE (Pack in Bag)			
SIDE PANELS TO FRAME (MS2116 and MS2117)			

1	Bag	BAG, CLOTH	
20	FW31HBN	WASH., FLAT	
20	LWS31MRN	WASH., LK, SPLIT	
20	HB101-6B	PLUG, BUTTON, 7/8" (Paint S220)	FOR MTG HOLES
20	SCHH3118SS24	BOLT, MACH, 5/16-18 x 1 1/2 Lg.	

MISC. LOOSE ITEMS			
4	FW08HBN	WASH., FLAT	(4)MS2442 MTG
12	LWE08MRN	WASH., LK, EXT	(12)MS2338 MTG NOTE (1)
12	NTH0832BN8	NUT, HEX	(12)MS2338 MTG NOTE (1)
16	SCBP0832BN8	SCR, MACH	(12)MS2338 MTG NOTE (1)
			(4) MS2442 MTG

NOTE (1)

SUPPORTING DRAWINGS (Ship as Loose Items)			
CABINET ENCL. & ACCESS. ASSY			
For GPT-10K TRANSMITTER			
For GPT-10KLF TRANSMITTER			
For SOLA VOLT. REGULATOR			
For 4CX5000A ELECTRON TUBE			
For PL172 ELECTRON TUBE			

1	AX227	CABINET ENCL. & ACCESS. ASSY	
2	TECHNICAL MANUAL	For GPT-10K TRANSMITTER	
1	TEST SHEET	For GPT-10KLF TRANSMITTER	
1	TECHNICAL MANUAL	For SOLA VOLT. REGULATOR	
1	WARRANTY CLAIM	For 4CX5000A ELECTRON TUBE	
1	WARRANTY CLAIM	For PL172 ELECTRON TUBE	

NOTE (1)

REFERENCE PACKING INFORMATION			
BOX NO. 4	MAIN FRAME ASSEMBLY		
BOX NO. 3	AUX. FRAME ASSEMBLY		
BOX NO. 2	BASE & BASE SHLD ASSY OR CHANNELS AND SHLD		
BOX NO. 12	ONE TOP PANEL		
	TWO SIDE PANELS		
	FOUR DOORS		
	ALL TRIMS (11 Pieces)		
	TRANSFORMER, TF203		
BOX NO. 5	AUX. FRAME EQUIPMENT AS REQUIRED		
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. 11	ONE RFC AND AX104		
BOX NO. 10	ONE HVR, AX103 or HVRC-2		
BOX NO. 1	MISC. LOOSE ITEMS		

THIS IS A REFERENCE DRAWING, NOT FOR PROCUREMENT.

NOTE (2)

SUPPORTING DRAWINGS (Ship as Loose Items)			
CABINET ENCL. & ACCESS. ASSY			
For GPT-10KLF TRANSMITTER			
For SOLA VOLT. REGULATOR			
For 4CX15000A ELECTRON TUBE			
For 8121 ELECTRON TUBE			

1	AX227-3	CABINET ENCL. & ACCESS. ASSY	
2	TECHNICAL MANUAL	For GPT-10KLF TRANSMITTER	
1	TEST SHEET	For GPT-10KLF TRANSMITTER	
1	TECHNICAL MANUAL	For SOLA VOLT. REGULATOR	
1	WARRANTY CLAIM	For 4CX15000A ELECTRON TUBE	
1	WARRANTY CLAIM	For 8121 ELECTRON TUBE	

QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
			A5585-1	FOR AX227-3 GPT10KLF
			A5585	FOR AX227 STD 10K
BILL OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
PACKAGING AND PACKING REF FOR AX227				
APPROVED FOR BUSHIPS		CODE	SIZE	DWG. NO.
CONTRACT NO.		82679	C	A5585
SCALE			SHEET OF	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ±1/64 ±.005 ±1/2°

FINISH