

USED ON		
MODEL	SECTION	QUAN.

GPE-API32	G
LIST NO.	REV.

GPE-1 - P/S
 (TITLE)

LIST SECTIONS

- 1. ELECTRICAL / MECHANICAL (PG.1-2)
 TUBES & DIODES (PG.3)
- 2. HARDWARE (PG.4,5,6)
- 3. RAW MATERIALS (PG.7)
- 4. SUPPORTING DRAWINGS (PG.8)
- 5. SPECIFICATIONS (PG.9)
- 6. LOOSE ITEMS (SEE ML-GPE-1)
- 7. PARTS PECULIAR NONE REQ.

TYPED 11/10/61
 CHECKED wny.
 APPROVED [Signature]

MATERIAL LIST				REV	ABCDEFGHI	MODEL	AP132	
						SHEET	1 OF 9	
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
				ELECTRICAL/MECHANICAL				
1	A-3019-1		4	Machining, Terminal Board #2				
1	A-3019-2		4	Lettering, Terminal Board #2				
1	A-3019-3		4	Sub-Assembly, Terminal Board #2				
2	CE-108-1		2	Capacitor, Fixed, Electrolytic				C78A,B,C, C79A,B,C
2	FH-100-2		1	Holder, Fuse				XF1,2
1	FU-102-1.5		2	Fuse, Cartridge, Slow Blow, 1.5 amp				F1
1	FU-102-.250		2	Fuse, Cartridge, Slow Blow, .250 amp.				F2
1	MS-2613		8	Chassis, Power Supply	LD-950			
1	MS-2615		8	Plate, Side, Right	LD-954			
1	MS-2624		4	Cover, Plate, Power Supply				
1	MS3102A16S5P		1	Connector, Receptacle, Male				J1
1	RC20GF682J		2	Resistor, Fixed, Composition				R54
2	RC32GF102K		2	Resistor, Fixed, Composition				R50,51
1	RW-107-26		1	Resistor, Fixed, Wire Wound				R53
1	RW-109-34		1	Resistor, Fixed, Wire Wound, 10K				R52

MATERIAL LIST

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	TF-227		4	Transformer, Power				T1
1	TF-232		2	Choke, Filter				L23
2	TS-101-P01		2	Socket, Tube, Octal				XC78,79
1	TS-102-P01		1	Socket, Tube, 7 Pin				XV7
1	TS-102-U03		1	Sheild, Tube, 7 Pin				For V7
1	UG-625/U		1	Connector, Receptacle	VFO In.			J3

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION TUBES & DIODES	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	0A2	-		Tube, Electron				V7
4	1N2071A-	/		Diode, Silicon		A-3019-4	4	CR1,2,3,4

MATERIAL LIST				REV	A	B	C	D	E	F	G	MODEL	AP132		
												SHEET	4	OF	9
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION HARDWARE	REF.	LOCATION		SYMBOLS							
						USED ON	QUAN.								
2	CU-118-4		2	Clamp, Tube		CE-108 Mtg.	2								
2	EY-102-4		2	Grommet, Elastic		CA-629	2								
4	FS-102-1		1	Spring, "S" Type		MS-2615	4								
2	FW06HBN		1	Washer, Flat		RW-107 Mtg.	1								
						RW-109 Mtg.	1								
4	LWE04MRN		1	Washer, Lock, External		MS3102 Mtg.	4								
15	LWE06MRN		1	Washer, Lock, External		A-3019 Mtg.	2								
						MS-2613 Mtg.	3								
						RW-107-26 Mtg.	1								
						RW-109-47 Mtg.	1								
						TF-232 Mtg.	4								
						TS-101-P01 Mtg.	4								
9	LWE08MRN		1	Washer, Lock, External		CU-118-4 Mtg.	2								
						MS-2613 Mtg.	3								
						TF-227 Mtg.	4								
8	LWS03MRN		1	Washer, Lock, Split		FS-102 Mtg.	8								
2	LWS04MRN		1	Washer, Lock, Split		TS-102 Mtg.	2								

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION HARDWARE	REF.	LOCATION		SYMBOLS							
						USED ON	QUAN.								
1	NT-101-4		1	Nut, Strap		TS-102 Mtg.	1								
4	NT-129-440-4		2	Nut, Swage		MS-2615	4								
1	NT-129-632-4		2	Nut, Swage		MS-2613	1								
6	NT-129-832-4		2	Nut, Swage		MS-2615	6								
8	NTH0348BN6		1	Nut, Hex.		FS-102 Mtg.	8								
4	NTH0440BN6		1	Nut, Hex.		MS3102 Mtg.	4								
12	NTH0632BN8		1	Nut, Hex.		MS-2613 Mtg.	3								
						RW-109-47 Mtg.	1								
						TF-232 Mtg.	4								
						TS-101-P01 Mtg.	4								
9	NTH0832BN10		1	Nut, Hex.		CU-118-4 Mtg.	2								
						MS-2613 Mtg.	3								
						TF-227 Mtg.	4								
2	SCBP0440BN4		1	Screw, Machine		TS-102 Mtg.	2								
4	SCBP0440BN6		1	Screw, Machine		MS3102 Mtg.	4								
4	SCBP0632BN5		1	Screw, Machine		TS-101 Mtg.	4								
2	SCBP0632BN9		1	Screw, Machine		A-3019 Mtg.	2								
1	SCBP0632BN21		1	Screw, Machine		RW-107 Mtg.	1								
2	SCBP0832BN5		1	Screw, Machine		CU-118-4 Mtg.	2								
5	SCBP0832BN8		1	Screw, Machine		MS-2613 Mtg.	3								
						MS-2615 Mtg.	2								
8	SCFP0348BN4		1	Screw, Machine		FS-102 Mtg.	8								
3	SFP0632BN5		2	Screw, Machine		MS-2613 Mtg.	3								
1	SCFP0632BN34		1	Screw, Machine		RW-109-47 Mtg.	1								
6	SCFP0832BN5		1	Screw, Machine		MS-2624 Mtg.	6								

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION HARDWARE	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	TE-104-3		1	Terminal, Locking				
2	TE-108-22		1	Standoff, Rivet Type		A-3019-3	2	
8	TE-109-3		1	Terminal Lug, Split		A-3019-3	8	
1	TE-111-2		1	Lug, Solder				
8	TE-120-2		1	Lug, Spade	Red	CA-629	8	
4	WA-102-4		1	Washer, Fiber, Shoulder		RW-107-26 Mtg	2	
						RW-109-47 Mtg	2	

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION RAW MATERIALS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
X	BS-100		1	Solder, Soft				
85"	CD-101-1-MW		1	Cord, Lacing		CA-629	85"	
35"	MWC20(7)U1		2	Cable, Insulated	Brown	CA-629	35"	
29"	MWC20(7)U8		1	Cable, Insulated	Gray	CA-629	29"	
31"	MWC20(7)U9		1	Cable, Insulated	White	CA-629	31"	
19"	MWC20(7)U91		1	Cable, Insulated	Wh/Brn.	CA-629	19"	
33"	MWC20(7)U98		1	Cable, Insulated	Wh/Gray	CA-629	33"	
18"	MWC22(7)U0		1	Cable, Insulated	Black	CA-629	18"	
10"	MWC22(7)U2		1	Cable, Insulated	Red	CA-629	10"	
24"	MWC22(7)U3			Cable, Insulated	Orange	A-3019-4	2"	
						CA-629	22"	
17"	MWC22(7)U6		1	Cable, Insulated	Blue	CA-629	17"	
17"	MWC22(7)U7		1	Cable, Insulated	Violet	CA-629	17"	
6"	MWC22(7)U90		1	Cable, Insulated	Wh/Black	CA-629	6"	
27"	MWC22(7)U92		1	Cable, Insulated	Wh/Red	CA-629	27"	
24"	MWC22(7)U93		1	Cable, Insulated	Wh/Orange	A-3019-4	2"	
						CA-629	22"	
40"	MWC22(7)U96		1	Cable, Insulated	Wh/Blue	A-3019-4	2"	
						CA-629	38"	
4"	PX-104-3-.034		1	Sleeving, Size #20	Red	A-3019-4	4"	
9"	WL-100-7		1	Wire, Buss, Size #22		A-3019-4	9"	

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SUPPORTING DRAWINGS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	A-3019-4		4	Final Assembly, Terminal Board #2				TB2
1	CA-629		4	Cable, Power Supply				
1	LD-950		8	Lettering, Chassis, Main	MS-2613			
1	LD-954		2	Lettering, Sideplate, . Right	MS-2615			

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SHEET 9 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SPECIFICATIONS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
	S-404		1	Yellow Iridite		All Metal Work		

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

-AP132

MODEL GPE-1 P/S PROJECT NO. _____

DATE	REV.	PAGE	EMN #	DESCRIPTION	CHK.	APP.
12/8/61	A	1	6049	Chg. RW-109-47 to RW-109-36. (R52)		
1/9/62	B	1	6191	Dele. 1 ea. CC-100-23. On CE-108-1, Add A, B, C, to symbols C78 and C79.	3	
4/18/62	C	1	6633	Chg. FU-102-1.0 to FU-102-1.5 (F1).		
7/25/62	D	2	6987	On UG-625/U, Add Sym. J3		
6-18-63	E		9309	Sheet 1. Chgd per EMN (R52)		
12/14/65	F	all	15398	Revised per EMN		
2/28/66	G	3	15857	Revised per EMN		