

BILL OF MATERIAL - CAT. # HFL 120 2/40 RS

DESIGNATION	DESCRIPTION	QUANTITY
R1,R2	RESISTOR, SCF,180K,1W,5%	2
R3,R4	RESISTOR, CF,22,1W,5%	2
R5,R6	RESISTOR, CF,220K,1/2W,5%	2
R7,R8	RESISTOR, CF,62K,1/2W,5%	2
R101	RESISTOR, CF,1K,1/8W,5%	1
R102,R108,R111	RESISTOR, CF,100K,1/8W,5%	3
R103	RESISTOR, CF,820K,1/8W,5%	1
R104,R107,R109	RESISTOR, CF,200K,1/8W,5%	3
R105,R106	RESISTOR, MF,24.9K,1/8W,1%	2
C1	CAPACITOR, MEF,2.2uF,250V,10%	1
C2	CAPACITOR,100uF,250V,20%	1
C3,C4	CAPACITOR, MEF,1.5uF,250V,10%	2
C5	CAPACITOR, CER,5000pF,3KV,20%	1
C6	CAPACITOR, MEF,.1uF,100V,10%	.1
C7	CAPACITOR, PP,.1uF,400V,5%	1
C8	CAPACITOR, PP,.015uF,630V,5%	1
C9	CAPACITOR, CER,150pF,3KV,20%	1
C10	CAPACITOR, PP,.00285uF,3KV,5%	1
C12,C13	CAPACITOR, CER,.22uF,100V,10%	2
C101,C104	CAPACITOR, CER,.47uF,50V,20%	2
C102	CAPACITOR, CER,.1uF,50V,10%	1
C103	CAPACITOR, CER,.01uF,50V,5%	1
D1,D2,D3,D4	DIODE, RECT,1A,400V	4
D5,D7	DIODE, FR,1A,600V	2
D6,D8,D107	DIODE, SCHOTTKY,1A,40V	3
D12	DIODE,DIAC,34-40V	1
D17-D20,D101	DIODE, SIGNAL,150mA,75V	5
D21	DIODE, ZENER,20V,1/2W,RANGE 7V-25V	1
D22	DIODE, ZENER,43V,1/2W,5%	1
D102,D104-D106,D108	DIODE, SIGNAL,150mA,75V	5
D103,D109	DIODE, ZENER,7.5V,1/2W,5%	2
Q1,Q2	TRANSISTOR,2SC4054,5A,850V	2
Q3,Q102	TRANSISTOR,MPSA14	2
Q101	TRANSISTOR,2N7000,60V,.5A,5ohms	1
Q103	MOSFET,IRLD014	1
U101	IC,14 STAGE RIPPLE OSCILLATOR	1
T1	TRANSFORMER, INPUT,CIT-007B	1
T2	TRANSFORMER, CHOKE,CHT-007A	1
T4	TRANSFORMER, POWER,CPT-017	1
V1	VARISTOR,150VAC	1
F1	FUSE,7A,125V,PICO	1
40-001-037-02	PCB,EOL-RS	1

LIST OF TEST EQUIPMENT

PCEC REPORT #81263-1

<u>EQUIPMENT</u>	<u>MODEL NO.</u>	<u>SERIAL NO.</u>	<u>CAL DATE</u>	<u>DUE DATE</u>
* HP Spectrum Analyzer	HP8568B	2216A02236	07/97	07/98
* HP Spectrum Analyzer	HP8568B	2314A02597	03/98	03/99
HP Spectrum Analyzer	HP8566B	3014A06612	07/97	07/98
HP QP Adapter	HP85650A	A1001	07/97	07/98
HP RF Pre-Selector	HP85685A	2724A00627	07/97	07/98
* HP Spectrum Analyzer	HP8566A	2637A03486	03/98	03/99
* HP QP Adapter	HP85650A	2043A00279	03/98	03/99
* HP RF Pre-Selector	HP85685A	2724A00595	07/97	07/98
* Fischer LISN	50/250uh		NCR	NCR
* RF Screen Room			NCR	NCR
* System Controller	HP9000		NCR	NCR
System Controller	HP9836		NCR	NCR
* System Controller	HP9816		NCR	NCR
Eaton Field Int Mtr	NM17/27A	062603355	08/96	08/97
Eaton Field Int Mtr	NM37/57A-SL	062603355	08/96	08/97
Eaton QP Adapter	CCA7	017703080	08/96	08/97
* Bicon Antenna	EMCO 3110	9209-1549	08/97	08/98
Bicon Antenna	EMCO 3110	9304-1679	08/97	08/98
* Log Perodic Antenna	EMCO 3146	9210-3455	08/97	08/98
Log Perodic Antenna	EMCO 3146	9209-01549	08/97	08/98
Conical Log Spiral Ant.	EMCO 3102	90032701	08/95	08/96
Conical Log Spiral Ant.	EMCO 3102	90032790	08/95	08/96
Horn Antenna	EMCO 3115	90053462	08/95	08/96
Horn Antenna	EMCO 3115	90053459	09/95	09/96
Loop Antenna	EMCO 6512	1198	09/96	06/98
Field Str. Meter	Holiday 3004	33311	12/95	12/96
RF Survey Meter	Holiday 3600	none	11/95	11/96
Power Analyzer	Magtrol 4612B	OE2289	03/98	03/99
AC Power Supply	Elgar 3001	7911	NCR	NCR
Signal Generator	HP8640B	1851A09701	03/98	03/99
Sweep Generator	HP83620A	3213A01206	04/98	04/99

NOTE: AN * INDICATES THAT THE INSTRUMENT WAS USED DURING TESTING OF THE EUT.