



NATIONAL OPTICAL
ASTRONOMY
OBSERVATORY

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MONSOON
Bill of Materials
Power Supply Chassis
MONSOON Development

Dwg No.: MNSN-EL-02-0008 Rev: --
Next Assembly: MNSN-EL-02-0007

LTR	DESCRIPTION	ECR	DATE	BY	APPRVD
--	initial		9-Feb-06	dms	

ITEM	QTY	Part/Dwg Number	MFR	Serial No.	Description	COMMENT
1	1	MNSN-EL-05-0003	NOAO		Wiring Diagram, MONSOON Power Supply Chassis	REFERENCE
2	1	8851.920D2-700	NOAO		Front Panel	
3	1	MNSN-EL-02-1011	NOAO		Modification to front panel	
4	4				Screw, 8-32 x 3/8" button skt head machine Blk	
5	2	8851.920D3-715	NOAO		Side panels	
6	1	MNSN-EL-02-1012	NOAO		Modification to side panels	
7	2	8851.920C1	NOAO		Rear Angle	
8	1	8851.920D4-700	NOAO		Rear Plate	
9	1	MNSN-EL-02-1013	NOAO		Modification to Back (rear) panel	
10	6				Screw, 8-32 x 1/4" Binding hd machine	
11	1	8851.920D50875	NOAO		internal panel or shelf	
s	1	MNSN-EL-02-1014	NOAO		Modification to shelf	
13	2	8851.920C2-875	NOAO		Internal Angle	
14	12				Screw, 8-32 x 3/8" pan head	
15	2	8851.920C10-700	NOAO		Connector guard	
16	4				Screw, 8-32 x 1/2" Socket cap	
17	2	1028-12	Useco		Handle	
18	4				Screw, 10-32 x 1/2" flat head machine	
19	1	9232T171	McMaster-Carr		Aluminum perforated sheet .063 thk, .125 dia 3/16 center to center	
20	1	MNSN-EL-02-1015	NOAO		Modification to perforated sheet for chassis cover	
21	16	A8-75 (BIN G031A)	Goodrich		Rivnut, 8-32	
22	4				Screw, 8-32 x 1/2" flat head	
23	6	HLMP-0103	Agilent Technologies		Mount clip & retaining ring for T-1 3/4 LED	
24	6				LED, T-1 3/4 Red	
25	1	2110QA3	Chicago Miniture Lamp		Light, Neon 115VAC	
26	4	342 058	Littelfuse		Fuse holder, 3AG	
27	2	313002	Littelfuse		Fuse, 2A 3AG	
28	1	313001	Littelfuse		Fuse, 1A 3AG	
29	1	313.500	Littelfuse		Fuse, 1/2A 3AG	
30	1	15EJT8	Corcom		AC plug, RFI filter power line connector	
31	2				Screw, 4-40 x 3/8" 1/2 pan head	
32	2				Nut, Lock 4-40	
33	1	W67-X2Q12-15	Type, P&B		Circuit Breaker, single pole 277 VAC 50/60 hz, stndrd delay, 15 A	
34	2				Screw, 6-32 x 3/8" button Skt head SS	
35	1	GOA18-22 SNE	Burndy		Con, MS Circ 22 pin socket flanged	
36	22	RC16M23D28	Burndy		Contacts, crimp 16 awg socket	
37	1	FSSM7-1801	Fastener Specialty		Nut Plate, for size 18 flanged circ connector	
38	1	KPSE00A14-19S	ITT Cannon		Con, MS Circ 19 pin Socket flanged	
39	1	FSSM7-1401	Fastener Specialty		Nut plate, for size 14 flanged circ connector	

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40	8				4-40 x 3/8" button phillips screw, circ con mounting	
41	1	FPR104	Alco		Relay, SPST	
42	1	1393143-6	Tyco		Relay socket	
43	2				Screw, 6-32 x 1/2" button socket head SS	
44	1	SSR1-240-D20	Tyco		Relay, solid state quad AC, triac outputs	
45	2				Screw, 6-32 x 3/8" button Skt head SS	
46	1	140-12	Cinch		Barrier Block, 12 position	
47	4				screws, 6-32 x 3/8" button skt hd black	
48	5	65039-035	FCI		Con housing, 2 x 1 socket	
49	2	65039-032	FCI		Con housing, 5 x 1 socket	
50	20	47745-000	FCI		Contacts, crimp socket 24 awg ultraHi spring force	
51	1	HC5-6-A	Power One		Power Supply, 5 V (PS1)	
52	1	IHA5-1.2/OVP	International Power		Power Supply 5 V 1.2A (PS5) fan supply	
53	1	HCC5-6-A	Power One		Power Supply, +5V analog (PS2)	
54	1	HCC15-3-A	Power One		Power Supply, +-15V Analog (PS3)	
55	14				Screws, 6-32 x 3/8" pan head	
56	1	A050MX35	Acropian		Power Supply, +35 +HV (PS4)	
57	2				Resistor 10 ohm 1/4W	
58	4				Screws, 8-32 3/8" pan head	
59	1	169P84WE	Vector Electronics		FR4 PERF-BOARD 8.5 x 17" .062 thk .042 holes	
60	1	MNSN-EL-02-1016			Detail, Delay and Resistor Board	
61	24	140-1785-02-0100	Cambion		Terminals, split or slotted .067 hole, .062 brd thickness	