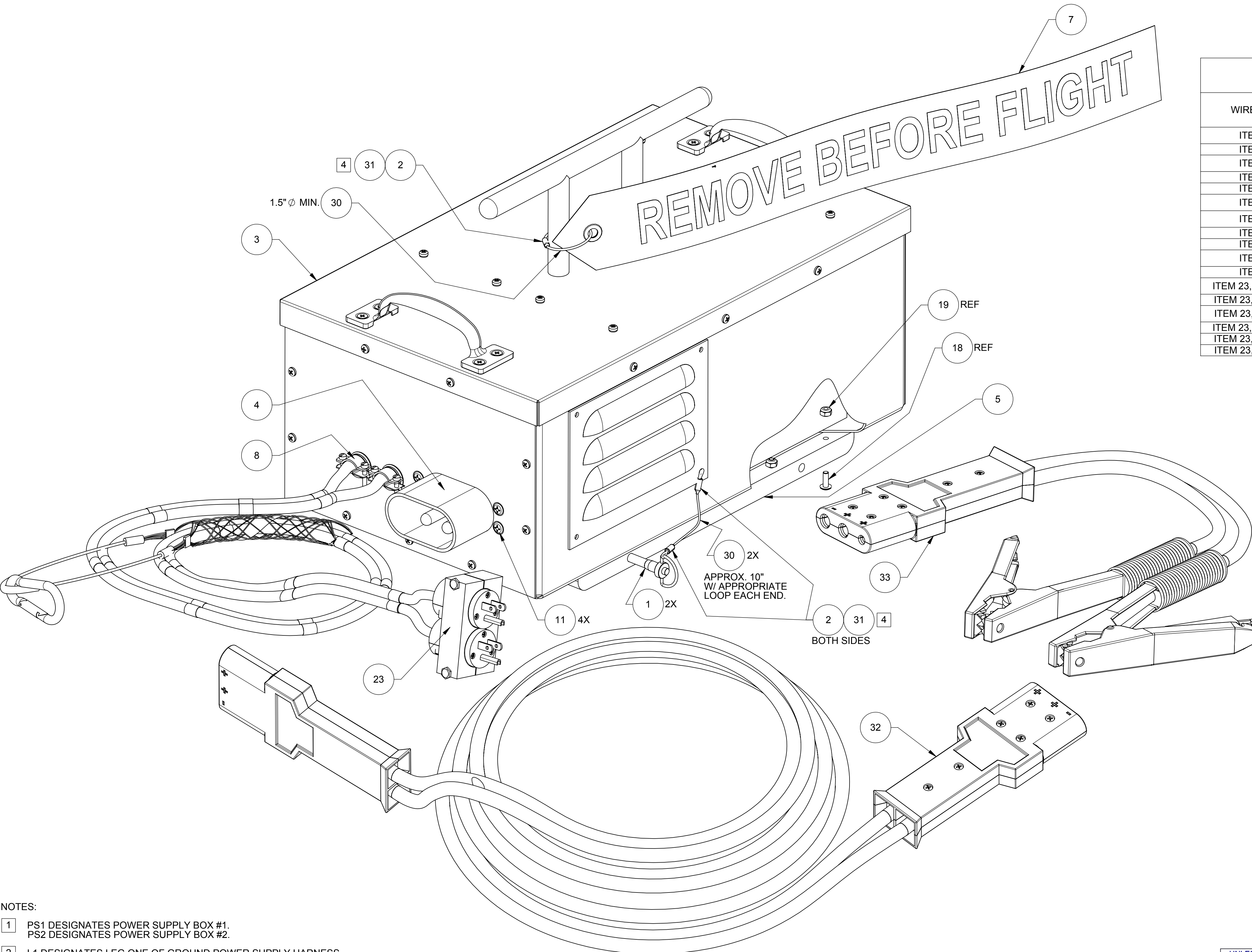


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REVISIONS				
INT	REV.	DESCRIPTION	DATE	APPROVED
GEK	IR	INC. ECR #9907	01-07-08	



LOOSE WIRE CHART

WIRE TYPE	WIRE LENGTH	TERMINAL TYPE #1	TERMINATION LOCATION #1	TERMINAL TYPE #2	TERMINATION LOCATION #2
ITEM 29	5 INCHES	ITEM 22	DC OUTPUT + @PS1	ITEM 22	DC OUTPUT POS. LARGE HOLE @PS2
ITEM 29	5 INCHES	ITEM 22	DC OUTPUT - @PS1	ITEM 22	DC OUTPUT NEG. LARGE HOLE @PS2
ITEM 29	5 INCHES	ITEM 22	DC OUTPUT + @PS2	ITEM 24	ITEM 4, POS. LARGE STUD
ITEM 29	5 INCHES	ITEM 22	DC OUTPUT - @PS2	ITEM 24	ITEM 4, NEG. LARGE STUD
ITEM 28	8 INCHES	ITEM 21	CB @ PS1	ITEM 21	CB @ PS2
ITEM 28	8 INCHES	ITEM 21	+S @ PS1	ITEM 21	DC OUTPUT POS. SMALL HOLE @PS1
ITEM 28	8 INCHES	ITEM 21	-S @ PS1	ITEM 21	DC OUTPUT NEG. SMALL HOLE @PS1
ITEM 28	8 INCHES	ITEM 21	+S @ PS2	ITEM 21	DC OUTPUT POS. SMALL HOLE @PS2
ITEM 28	8 INCHES	ITEM 21	-S @ PS2	ITEM 21	DC OUTPUT NEG. SMALL HOLE @PS2
ITEM 27	8 INCHES	ITEM 20	GROUND @ AC INPUT PS1	ITEM 20	GROUND 1
ITEM 27	8 INCHES	ITEM 20	GROUND @ AC INPUT PS2	ITEM 20	GROUND 2
ITEM 23, L1 GREEN	-	-	GROUND @ AC INPUT PS1		
ITEM 23, L1 BLACK	-	-	L @ AC INPUT PS1		
ITEM 23, L1 WHITE	-	-	N @ AC INPUT PS1		
ITEM 23, L2 GREEN	-	-	GROUND @ AC INPUT PS2		
ITEM 23, L2 BLACK	-	-	L @ AC INPUT PS2		
ITEM 23, L2 WHITE	-	-	N @ AC INPUT PS2		

1	GH1312174-01	33	DC JUMPER CABLE	
1	GH1312173-01	32	DC-DC, EXTENSION CORD	
5	190127-21	31	HEAT SHRINK, .250"	INCHES
25	190059-01	30	WIRE ROPE, TEFLON COATED, 1/16" 7X7	INCHES
20	MIL22759/16-4	29	WIRE, ELECTRICAL, AWG 16-4	INCHES
40	MIL22759/16-18	28	WIRE, ELECTRICAL, AWG 16-18	INCHES
16	MIL22759/16-14	27	WIRE, ELECTRICAL, AWG 16-14	INCHES
4	190127-07B	26	HEAT SHRINK TUBE, .375, BLACK	INCHES
4	190127-07R	25	HEAT SHRINK TUBE, .375, RED	INCHES
2	190035-40	24	RING TERMINAL, INSULATED, .375 X 4 AWG	
1	GH1312172-01	23	HARNESS, GROUND POWER SUPPLY	
6	190035-39	22	RING TERMINAL, .312 STUD X 4 AWG	
10	190035-01	21	RING TERMINAL	
4	190035-05	20	RING TERMINAL	
10	AN365-1032A	19	NUT, SELF LOCKING, 250° F	
10	AN526-1032R9	18	MACHINE SCREW	
4	AN364-524A	17	NUT, SELF-LOCKING, THIN, 250 DEG. F	
4	AN960-516	16	WASHER, PLAIN	
2	AN5-5A	15	BOLT - MACHINE, AIRCRAFT	
2	AN5-4A	14	BOLT - MACHINE, AIRCRAFT	
4	AN526-1032R6	13	MACHINE SCREW	
4	AN960-10	12	WASHER, PLAIN	
4	AN525-416R6	11	SCREW - WASHER HEAD, CROSS RECESS	
16	190161-12	10	SCREW, METRIC, MACHINE	
16	MS35338-42	9	WASHER, LOCK, HELICAL	
2	190203-02	8	CLAMP	
1	190255-01	7	RIBBON-REMOVE BEFORE FLIGHT	
2	190300-01	6	POWER SUPPLY	
2	136006-01	5	STRIP, EAGLEVISION	
1	GH1312166-01	4	RECEPTACLE, MODIFIED	
1	GH1312170-01	3	BOX ASSEMBLY, GROUND POWER SUPPLY	
5	18-1-C	2	NICOPRESS SLEEVE	
2	190049-08	1	PIN, QUICK RELEASE, .3125 X 1.5	
QTY	PART NUMBER	ITEM NO	DESCRIPTION	Remarks

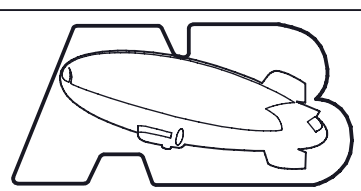
NOTES:

- PS1 DESIGNATES POWER SUPPLY BOX #1.
PS2 DESIGNATES POWER SUPPLY BOX #2.
- L1 DESIGNATES LEG ONE OF GROUND POWER SUPPLY HARNESS.
L2 DESIGNATES LEG TWO OF GROUND POWER SUPPLY HARNESS.
- ITEMS 25 AND 26 (HEAT SHRINK) ARE 2" ± .25 EACH IN LENGTH.
ITEM 31 IS 1" ± .25 IN LENGTH.
- NICOPRESS (COPPER) TERMINALS.
A. NICOPRESS PER FAA AC43.13-18 7-148e "NICOPRESS STOP SLEEVE"
B. INSPECT PER FAA AC43.13-18 7-148f. "TERMINAL GAUGE".
C. FREE END OF CABLES, ITEM 30, MUST PROTRUDE .125-.250 INCHES OUT OF ALL NICOPRESS SLEEVES, ITEM 2.

UNLESS OTHERWISE SPECIFIED		PRINT DATE: 01-07-08
1-PLACE ± .1	ANGLES ± 1°	DRAFTER: G.KANE
2-PLACE ± .05	FRACTIONS ± 1/16	CHECKER:
3-PLACE ± .005		ENG:
REMOVE ALL BURRS AND SHARP EDGES		MFG:
MATERIAL: N/A		QUALITY:
FINISH: N/A		PRODUCTION EFFECTIVITY:
		A-60
		A-1

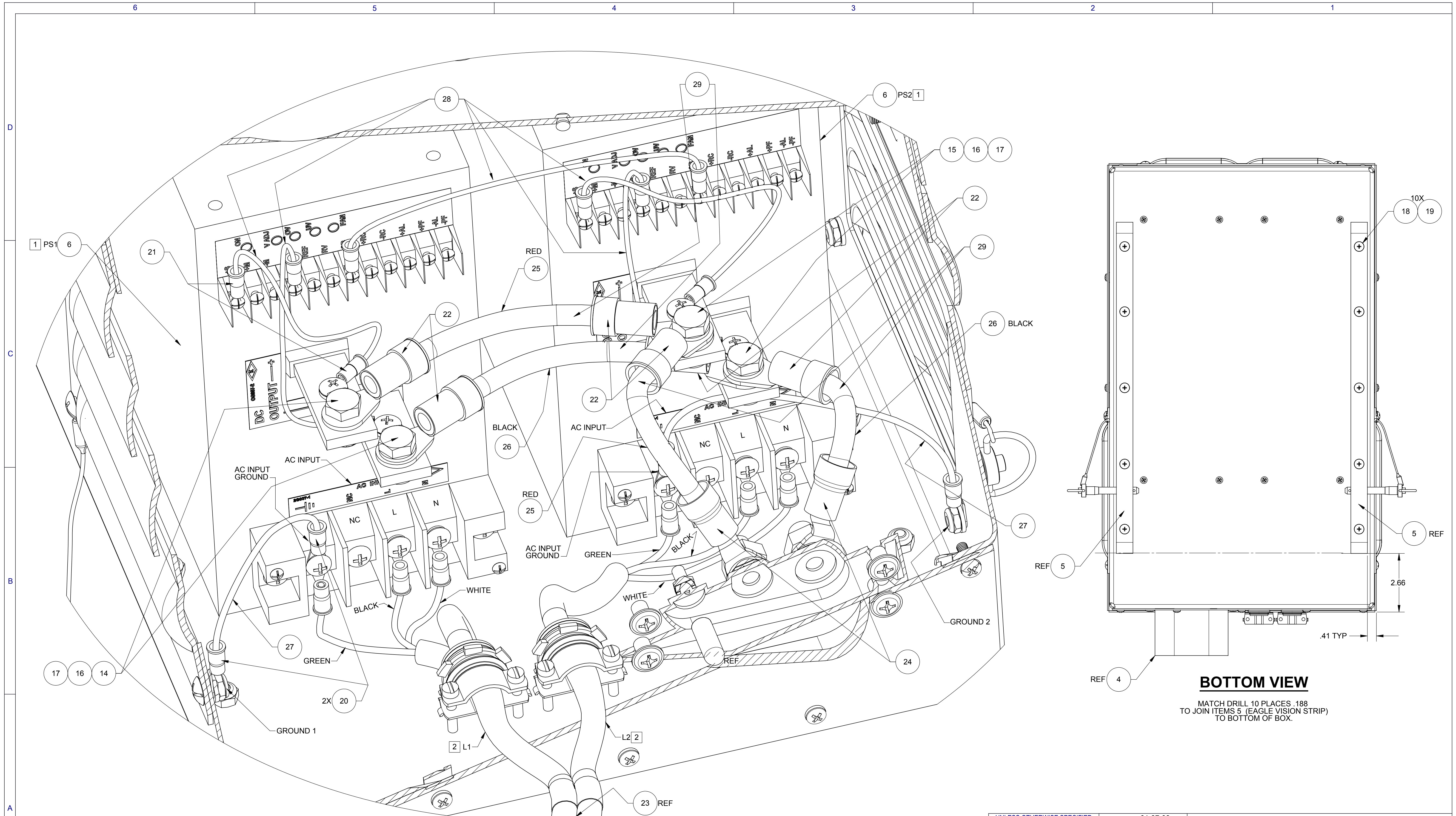
American Blimp Corporation
1900 N.E. 25th. AVE.
HILLSBORO, OR 97124
(503) 693-1611

creators of LIGHTSHIP

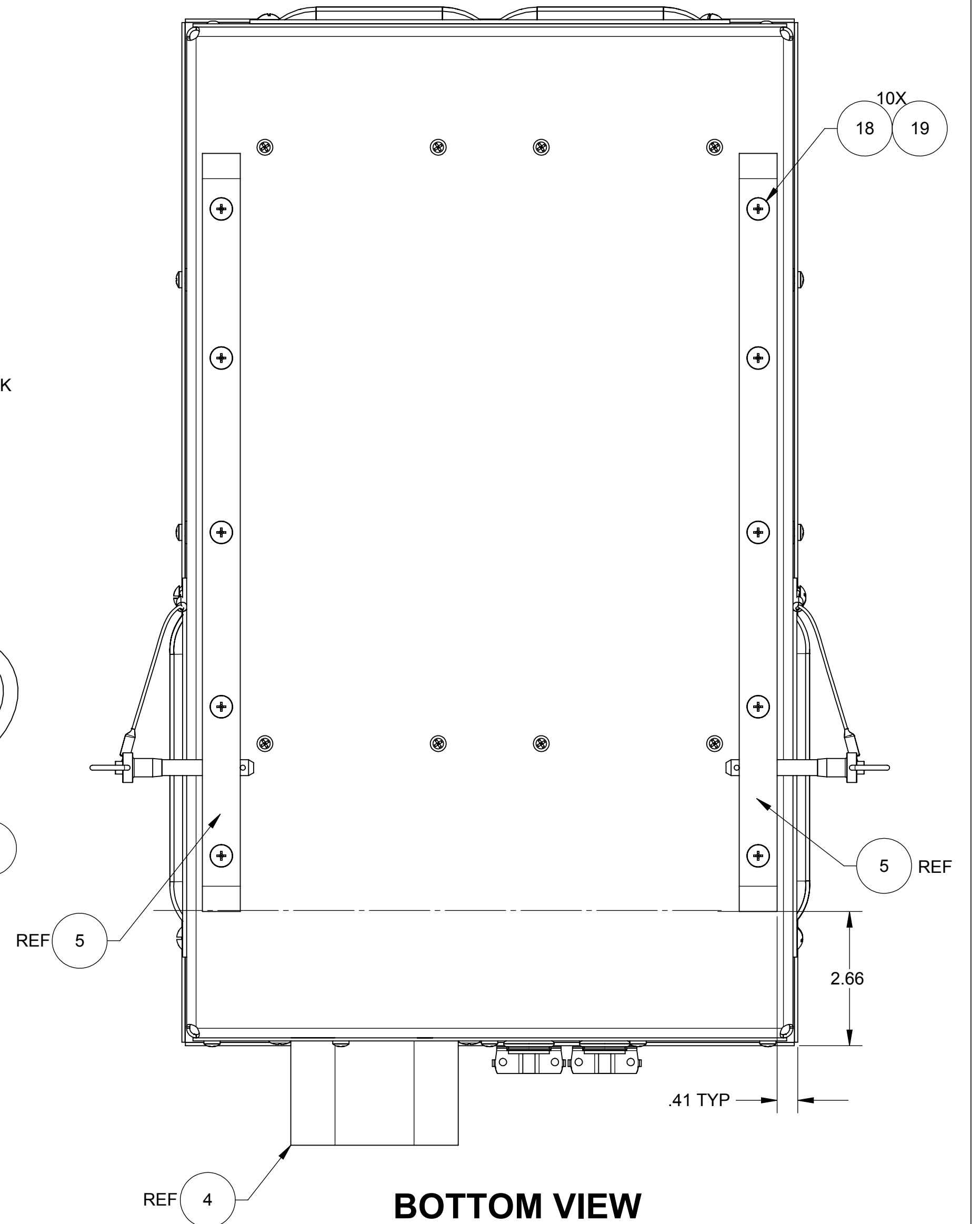


ASSEMBLY, GROUND POWER SUPPLY

FOR LIGHTSHIP	A-1	PLOT SCALE:	SIZE D	DWG NO. GH1312160-01	REV IR
NEXT ASSY				WGT. (40.77 lb)	SHEET 1 OF 2



DETAIL A
BROKEN-OUT SECTION
OF GROUND POWER SUPPLY BOX.



BOTTOM VIEW
MATCH DRILL 10 PLACES .188
TO JOIN ITEMS 5 (EAGLE VISION STRIP)
TO BOTTOM OF BOX.

UNLESS OTHERWISE SPECIFIED		PRINT DATE: 01-07-08	American Blimp Corporation	
1-PLACE ± .1	ANGLES ± 1°	DRAFTER: G.KANE	1900 N.E. 25th. AVE.	
2-PLACE ± .05	FRACTIONS ± 1/16	CHECKER:	HILLSBORO, OR 97124	
3-PLACE ± .005		ENG:	(503) 693-1611	
REMOVE ALL BURRS AND SHARP EDGES		MFG:	creators of LIGHTSHIP	
MATERIAL: N/A		QUALITY:	TITLE: ASSEMBLY, GROUND POWER SUPPLY	
FINISH: N/A		PRODUCTION EFFECTIVITY:	FOR: LIGHTSHIP A-1	PLOT SCALE: SIZE D
		A-60	DWG. NO. GH1312160-01	REV IR
		A-1	WGT. (40.77 lb) SHEET 2 OF 2	