*****IMPORTANT*****

REVISION FOR TRACK & FIELD SERVICE MANUAL.

OPTIONAL DIP SWITCH SETTINGS OF DIP SWITCH NO.2 (8P DIP SWITCH).

ATHLETES GIVEN

NO. OF ATHLETES	SW1
One	Off
Two	On

EXTENDED ROUND

OPTION	SW2
No extended round permitted	Off
Extended round permitted	On

GAME TYPE

STYLE	SW3	PLAYERS
Table	Off	1 thru 4
Upright	On	1 thru 4

BONUS PLAYER

NO. OF PLAYER	SW4
None	Off
First at 100,000 and every 100,000	On

RANKING

MEMORY AT POWER UP	SW5
Data entered remains	Off
Data entered erased	On

LEVEL OF DIFFICULTY

OPTIONS	SW6	SW7
Easy	Off	Off
Normal	On	Off
Hard	Off	On
Difficult	On	On

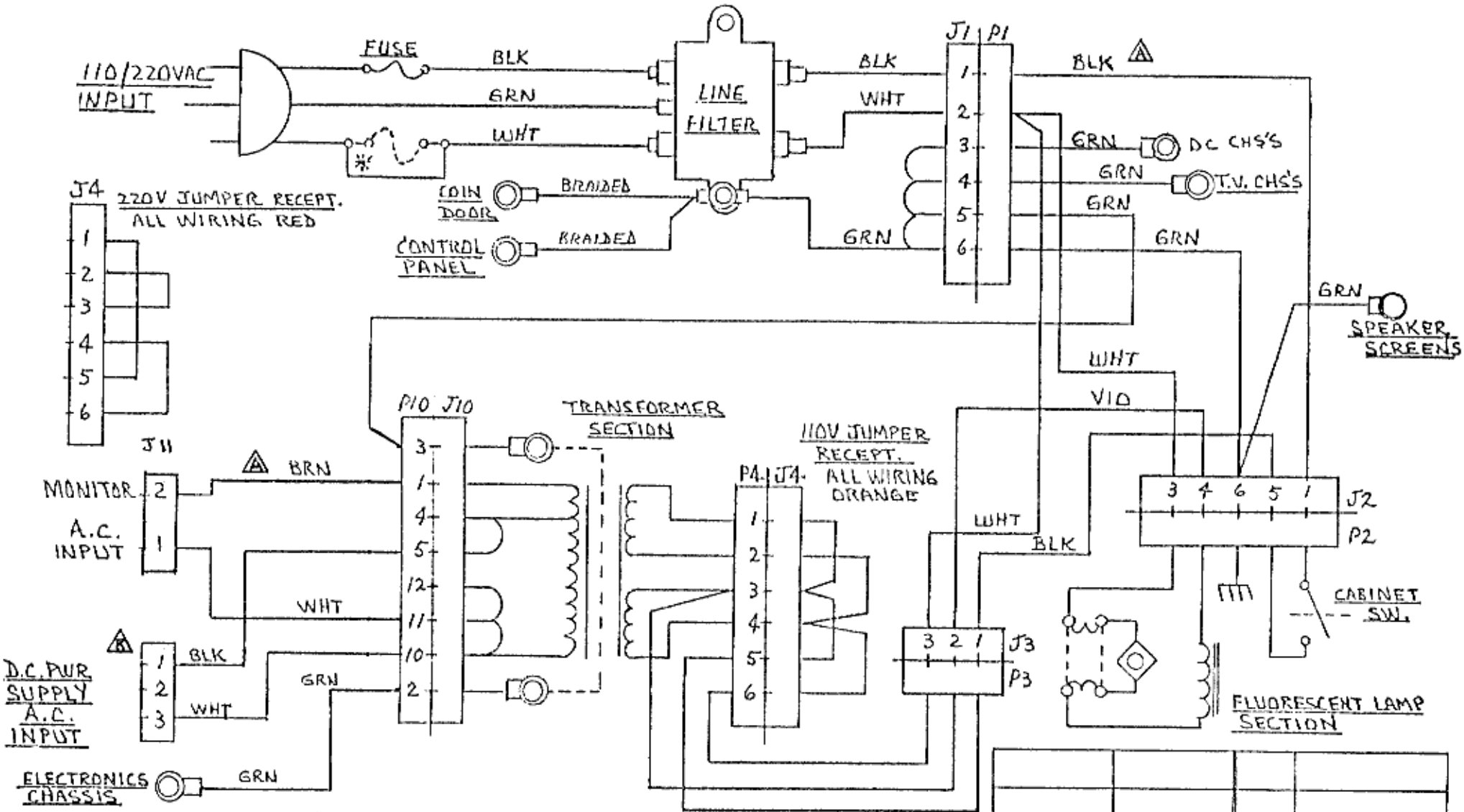
AUDIO ATTRACTION

MUSIC MODE	SW8
Music on	On
Music off	Off

GAMES WITH PSR-1105-AP

POWER SUPPLY #414-2021

* SEE SERVICE MANUAL FOR 220 VAC CONVERSION



USG WITH POWER SUPPLY PSR-1105-AP

REV. LET.	ECN NO.	REVISION	BY
B		OPEN LUGS REPLACED WITH A 3 PIN CONNECTOR	CN
A		WHT/GRN WIRE CHANGED TO BLACK WHT/GRN WIRE CHANGED TO BROWN	CN

TOLERANCES Unless Otherwise Specified		
FRACTIONS	±	1/32
DECIMALS 2 PL	±	.015
DECIMALS 3 PL	±	.005
HOLES	+	.003
	−	.001
ANGLES	±	1/2°
SHT. MET BENDS	+	2°

QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

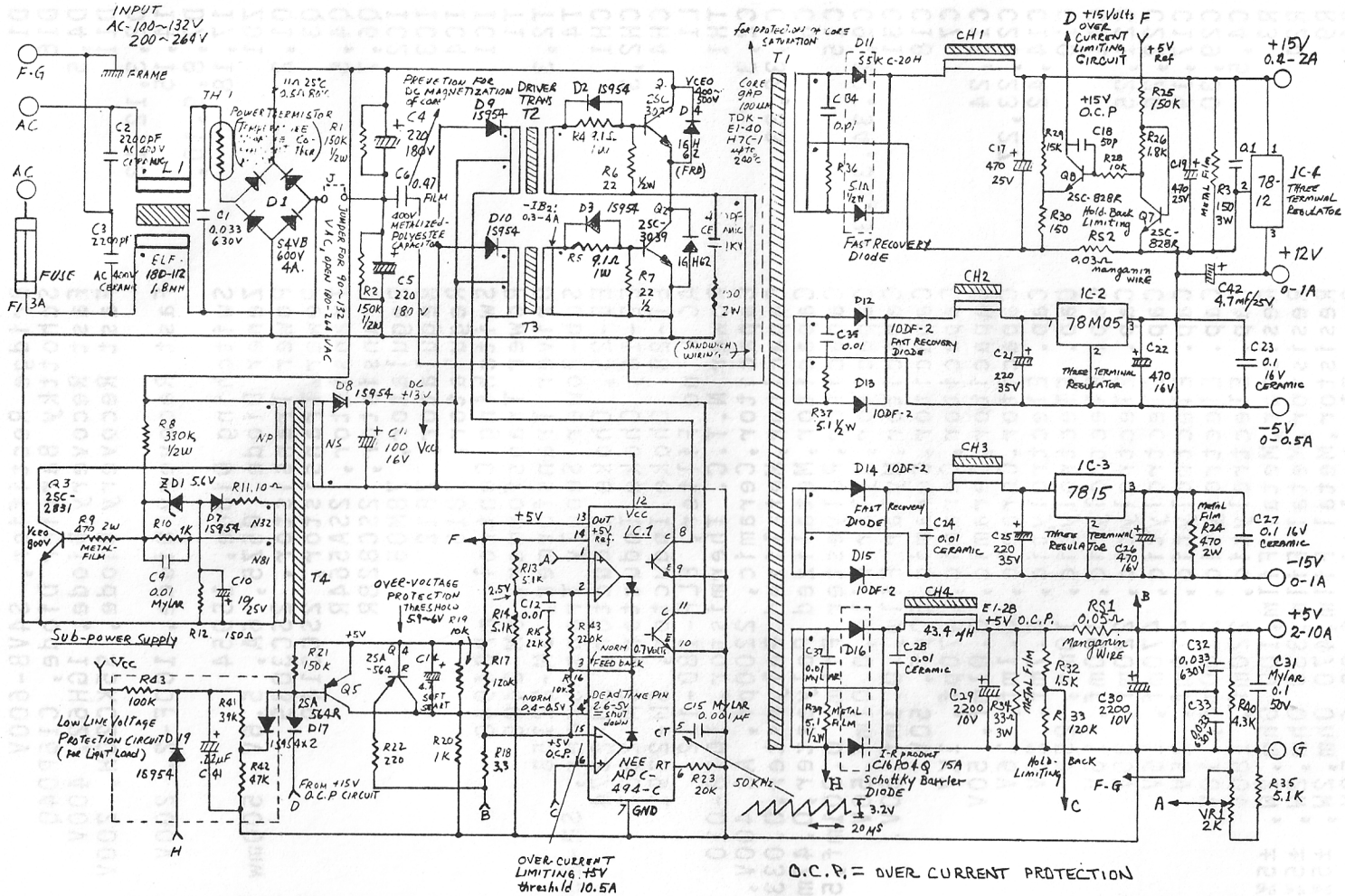
centuri inc. HIALEAH, FLORIDA 33014

NAME: 110/220 V. POWER INTERCONNECT DIAGRAM

MATL'S.	HEAT TREAT.	FINISH

DWN.	APP'D.	DATE	SCALE	PART NO.	REV.
M.J.		11/11/83	2	906-3129	B

AF 17899A



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

REV. LET.	ECN NO.	REVISION	BY

TOLERANCES
Unless Otherwise Specified

FRACTIONS	± 1/32
DECIMALS 2 PL	± .015
DECIMALS 3 PL	± .005
HOLES	+ .003 − .001
ANGLES	± 1/2°
SHT. MET BENDS	± 2°

centuri inc. HIALEAH, FLORIDA 33014

NAME: SWITCHING POWER SUPPLY, PSR-1105-AP

MAT'L'S. | HEAT TREAT. | FINISH

DWN.	APPR.	DATE	SCALE	PART NO.	REV.
M.J.		8-1-83		414-2021	

Power Supply PSR-1105AP
Parts List

Symbol	Description	Qty
D1	Bridge Rectifier, S4VB-600V	1
D16	Schottky Barrier Diode, C16P04Q	1
D4,5	Fast Recovery Diode, 1GH62, 400V	2
D11	Fast Recovery Diode, S5KC20H, 200V	1
D2,3,12,13 14,15	Fast Recovery Diode, 10DF-2, 200V	6
D7,8,9,10, 17,18	Switching Diode, 1S954	6
ZD1	Zener Diode, 05Z5, 6A, 5.6V, 500mw	1
Q1,2	Power Transistor, 2SC3039	2
Q3	Power Transistor, 2SC3149	1
Q4,5	Transistor, 2SA564R	2
Q6,7	Transistor, 2SC828R	2
IC2	Regulator, 78M05	1
IC3	Regulator, 7812	1
IC4	Regulator, 7815	1
IC1	Switching Control, mPC494C	1
T1	Power Transformer, SM-2405	1
T2,3	Driver Transformer, SM-2215B	2
T4	Sub-Power Supply Transformer, SM-2399	1
CH1	EE-25, Choke Inductor, SM-2374	1
CH2,3	EE-16, Choke Inductor, SM-2367	2
CH4	EI-28, Choke Inductor, SM-2391	1
L1	AC Line Filter, ELF-18D-112	1
TH1	Power N.T.C. Thermistor, TD18-010	1
C2,3	Capacitor,Ceramic, 2200pf, AC 400V, ±20%	2
C1,32,33	Capacitor,Metalized Polyester,0.033mf,630V.	3
C6	Capacitor,Metalized Polyester,0.47mf,400V.	1
C15	Capacitor,Polyester Film, 0.001mf,50V.	1
C9,12,34,35,37	Capacitor,Mylar Film,0.01mf,50V	5
C31	Capacitor,Mylar Film, 0.1mf,50V.	1
C18	Capacitor,Ceramiç,50pf, 50V	1
C7	Capacitor,Ceramic, 470pf, 1KV	1
C16,24	Capacitor,Ceramic, 0.01mf, 50V	2
C20,23,27	Capacitor,Ceramic, 0.1mf, 16V	3
C14,42	Cap. Electrolytic, 4.7mf, 25V	2
C10	Cap. Electrolytic, 10mf, 25V	1
C11	Cap. Electrolytic, 100mf, 16V	1
C21,25	Cap. Electrolytic, 220mf, 35V	2
C22,26	Cap. Electrolytic, 470mf, 16V	2
C17,19	Cap. Electrolytic, 470mf, 25V	2
C29,30	Cap. Electrolytic, 2200mf, 10V	2
C4,5	Cap. Electrolytic, 220mf, 180V	2
R3	Resistor,Metal Film,100 Ohm,2W, ±5%	1
R24	Resistor,Metal Film,330 Ohm,2W, ±5%	1
R9	Resistor,Metal Film,470 Ohm,2W, ±5%	1
C41	Cap. Electrolytic, 0.22mf, 50V	1

Power Supply PSR-1105AP
Parts List

Symbol	Description	Qty
R31	Resistor,Metal Film,150 Ohm,3W, ±5%	1
R34	Resistor,Metal Film, 33 Ohm,3W, ±5%	1
R36,39	Resistor,Metal Film,5.1 Ohm,1W, ±5%	2
R4,5	Resistor,Metal Film,9.1 Ohm,1W, ±5%	2
R37	Resistor,Carbon Film,5.1 Ohm,½W, ±5%	1
R6,7	Resistor,Carbon Film,22 Ohm, ½W, ±5%	2
R1,2	Resistor,Carbon Film,100K Ohm, ½W, ±5%	2
R8	Resistor,Carbon Film,330K Ohm, ½W, ±5%	1
R11	Resistor,Mini-Metal Film,10 Ohm, ¼W, ±5%	1
R12	Resistor,Mini-Metal Film,150 Ohm, ½W, ±5%	1
R10	Resistor,Mini-Metal Film,1K Ohm, ½W, ±5%	1
R18	Resistor,Carbon Film, 3.3 Ohm, ¼W, ±5%	1
R22	Resistor,Carbon Film, 220 Ohm, ¼W, ±5%	1
R30	Resistor,Carbon Film, 150 Ohm, ¼W, ±5%	1
R20	Resistor,Carbon Film, 1K Ohm, ¼W, ±5%	1
R32	Resistor,Carbon Film, 1.5K Ohm, ¼W, ±5%	1
R26	Resistor,Carbon Film, 1.8K Ohm, ¼W, ±5%	1
R40	Resistor,Carbon Film, 4.3K Ohm, ¼W, ±5%	1
R13,14,35	Resistor,Carbon Film, 4.1K Ohm, ¼W, ±5%	3
R16,19	Resistor,Carbon Film, 10K Ohm, ¼W, ±5%	2
R29	Resistor,Carbon Film, 15K Ohm, ¼W, ±5%	1
R23	Resistor,Carbon Film, 20K Ohm, ¼W, ±5%	1
R15	Resistor,Carbon Film, 22K Ohm, ¼W, ±5%	1
R17,33	Resistor,Carbon Film, 129K Ohm, ¼W, ±5%	2
R21,25	Resistor,Carbon Film, 150K Ohm, ¼W, ±5%	2
R40	Resistor,Carbon Film, 100K Ohm, ¼W, ±5%	1
R41	Resistor,Carbon Film, 39K Ohm, ¼W, ±5%	1
R42	Resistor,Carbon Film, 47K Ohm, ¼W, ±5%	1
R43	Resistor,Carbon Film, 220K Ohm, 1/8W, ±5%	1
RS1	Resistor,Wire Manganin,A-2145,0.005 Ohm,2 ø	1
RS2	Resistor,Wire Manganin,A-2256,0.03 Ohm,1 ø	1
VR1	Potentiometer,Mini, 2K Ohm	1
F1	Fuse, 3 Ampere	