



PART	DESC.	PART NO.
D1-4	1N4007	21A407-01
D5-9	1N4002	21A402-01
D10,11	1N4744	21A444-01
D12	GREEN LED ASSY	21-502-01
D13	RED LED ASSY	21-501-01
D14	YELLOW LED ASSY	21-503-01
P1-4	1MA POT	70-105-10
P5	25KA POT	70-253-10
P6,7	250KA POT	70-254-10
P8	25KRA POT	70-253-12
S1	3PDT SW/WHT CAP	88-301-03
AP1	25K TRIMPOT	71-253-25
J1-19	836TP .25" FST TB	17-836-01
J20,21	#6 GROUND LUG	17-500-01
J22	MFSS156-7 HEADER	17-310-07
J23	MFSS156-5-D HDR	17-310-05
J24	9 PIN HEADER	17-310-09
J25	CLIFF MONO JACK	39-119-01
J26-29	9-PIN TUBE SOCKET	17-450-09

**NOTES**

- 1) CAUTION: SHOCK HAZARD!! THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/2W-1% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- 4) CIRCUIT GROUND  $\nabla$  AUDIO GROUND  $\nabla$  POWER SUPPLY GROUND  $\nabla$

**CAUTION:**  
THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL. TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

SIGNATURES:	DATE:		1980 BORMAN DR. ST. LOUIS, MISSOURI 63148
DRAWN: S.RADER	2/20/91		
CHK'D: L JACKSON	05/31/91	PROJECT NAME:	
APP'D: L JACKSON	05/31/91	VL501/1001	
ORIGINAL ISSUED:	05/31/91	DRAWING NAME:	
PLOT DATE:	09/11/91	MAIN Bd. SCHEMATIC	
PLOT TIME:	14:08:48	DRAWING NO.	075590-01
FILE NAME:	07559001	SCALE: 1:1	SHEET: 1 OF 1