



DISPLAY BOARD

TEST POINT CHART

TP	VAC RMS	VDC
1	.883 V	
2	.883 ± .5 V	
3	.883 ± .5 V	
4		

MEASUREMENT CONDITIONS:  
 .883 Vrms @ 1 KHz, LIMITER OFF,  
 120 Vac, NO LOAD.

DESIGNATOR	DESC.	PART NO.
D1	YEL LED ASSY	21-503-01
D2	1N4747	21A447-01
D3-6, 13	GRN LED W/.3"SPCR	21-511-01
D7-9	YEL LED W/.3"SPCR	21-511-02
D10	RED LED W/.3"SPCR	21-511-03
D11, 12	1N914	21A914-01
IC1	NE5532	37-532-01
IC2	LM3915 LED DRIVER	37-491-03
Q1	MPS-A-55	96-055-01
P1	250KL W/PULL SW	70-254-25
P2	250KL POT	70-306-01
J1	10 PIN .156 HDR	17-310-10
J2, 3	3 PIN .156 HDR	17-310-03
J4, 5	836TP, 25*FST TB	17-836-01

NOTES

- CAUTION: SHOCK HAZARD !!! THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- CIRCUIT GROUND  $\Downarrow$  DISPLAY GROUND  $\Downarrow$  CHASSIS GROUND  $\Downarrow$

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:	11890 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN: ML		12-17-90	
CHK'D: DAP		05/10/91	PROJECT NAME:
APP'D: DAP		05/10/91	AP-3550 CONTROL BD.
ORIGINAL ISSUED:		05/10/91	DRAWING NAME:
PLOT DATE:		05/10/91	SCHEMATIC
PLOT TIME:		08:52:07	DRAWING NO. 07S355-01
FILE NAME:		07S35501	SCALE: NONE SHEET: 1 of 1