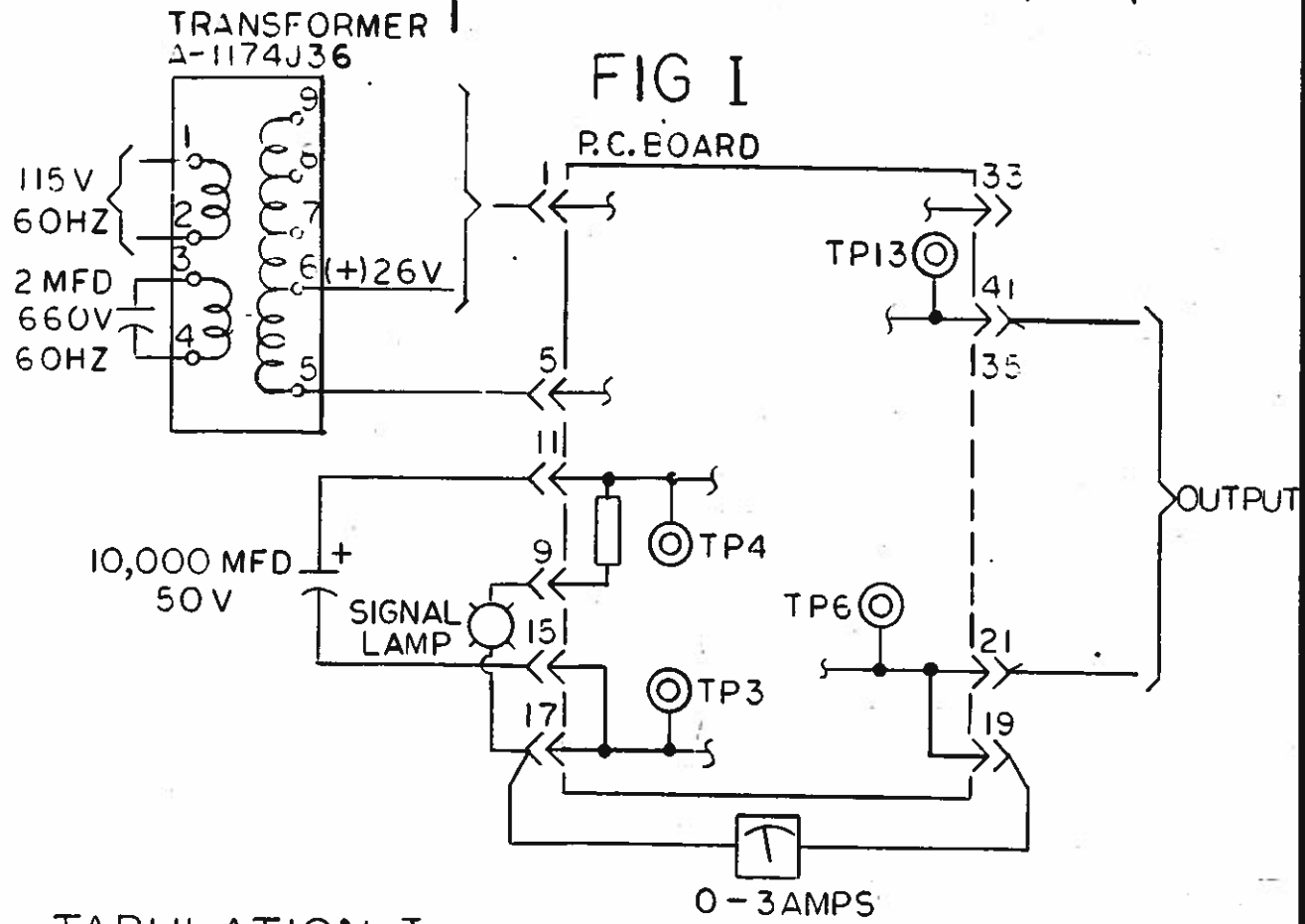


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



TABULATION I

DWG NO	DC RATING	RATED LOAD
D-4023J46	(+)26V	3.3A

F.M.F. BOARDS USING
ARTWORK D-4008J95-2

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:

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PERFORMANCE REQUIREMENTS

UNREG DC PWR SUP BD

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1. INITIAL CONDITIONS

- .1 CONNECT BOARD PER FIG. 1
- .2 VOLTAGE AT TP-4 TO TP-3 SHALL BE EQUAL TO UNREGULATED DC VOLTAGE PER TRANSFORMER SPECS A-1174J36 FOR BOARD RATED VOLTAGE (PER TABULATION 1)
- .3 LIGHT (PIN 9 TO 17) MUST BE ON.

2. OVERVOLTAGE PROTECTION

- .1 USING R24, RANGE OF OVERVOLTAGE PROTECTION TO BE BOARD RATED VOLTAGE (PER TABULATION 1) (+)3 VOLTS MINIMUM SPAN.
- .2 USING R24 SET OVERVOLTAGE PROTECTION TRIP POINT AT 31.0V WITH 1.0A LOAD.

3. AMBIENT OPERATION TEMPERATURE RANGE TO BE 0°C TO 70°C AT FULL LOAD.

4. VOLTAGE FROM PIN 33 TO PIN 39 SHALL BE BETWEEN 0.5V AND 1.0V WITH 1.0A LOAD.

5. SCR CHECKS

- .1 SCR SHOULD FIRE WHEN A JUMPER IS APPLIED BETWEEN TP-5 AND TP-10 AFTER OVERVOLTAGE TRIP HAS BEEN ADJUSTED.
- .2 CHECK FOR MARGIN FOR FIRING CAPABILITY. TEMPORARILY PLACE 40Ω BETWEEN TP-6 AND TP-11 AFTER INITIAL ADJUSTMENTS. SCR SHOULD STILL FIRE.
- .3 CHECK FOR IMMUNITY TO PRE-MATURE FIRING. SCR MUST NOT FIRE WHEN BOARD RATED VOLTAGE (PER TABULATION 1) IS SUDDENLY APPLIED.

6. GENERAL CIRCUIT CHECKING

- .1 CIRCUIT TESTING WILL BE PERFORMED TO ASSURE CONTINUITY OF ALL PINS AND TEST POINTS.

7. FINAL ADJUSTMENTS

- .1 USING R24 SET OVERVOLTAGE PROTECTION TRIP POINT AT 31.0V WITH 1.0A LOAD.

F.M.F. BOARDS USING ARTWORK D-4008J95-2

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PERFORMANCE REQUIREMENTS

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