DATE 19 April 1963	TMC SPECIFICATION NO. S 758	A
SHEET 1 OF 2		
RRH COMPILED / N.P. CHECKED	TITLE: PRODUCTION TEST PROCEDURE CPP-5	
APPROVED BP		

INTRODUCTION

This is a conventional power supply using 4 1N1084's as a full wave rectifier and an OA2 as a voltage regulator.

TEST EQUIPMENT REQUIRED

(1) Multimeter - Simpson 260.
(2) AC V.T.V.M. - Ballantine.
(3) VARIAC

PRELIMINARY

1. Inspect the unit for mechanical imperfections.
2. Inspect for obvious wiring errors.
3. Check for B+ shorts with ohm meter. Check for 0 ohm between pin M of J402 and chassis with ohm meter.
4. Check tube, diodes and fuses as to correct kind.
5. Attach jumpers between pins E & L, N & M of J402.
6. Plug AC cable into outlet.
7. I401 should be lit now.

TESTING OF CPP-1

A. Check out voltages at J402 and record on report sheet

Should any trouble be experienced in the voltage check of J402 then the following points should be checked.

C401	Pin 5	210 - 280 VDC
C402	Pin 5	210 - 280 VDC
V401	Pin 1	150 VDC
V401	Pin 5	150 VDC
F404		6.3V AC

If any of these voltages do not appear, check the components concerned.

RIPPLE TEST

(1) Place AC probe of Ballantine on Pin 5 of C402.
(2) Measure the amount of AC ripple present.
No more than .007V RMS.

REGULATION TEST

Change Input Voltage ±10%
Output Voltage between H and Ground
Should chang 1 ss than 5 Volts.

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REPORT SHEET

CPP-5

Voltage at J402 - No Load

On J402 Pins		Check Column
A, B, N - C, F, J	6.3 VAC	
D - L, E	115 VAC	
G - Ground	150 VDC	
H - Ground	210 - 280 VDC	
Ripple	Max. .007V	
10% Change in 115 V. AC	[redacted] in H-Ground 5 Volts	

DATE _____ UNIT SERIAL # _____

TESTER _____

SUPERVISOR _____

OGILVIE PRESS, INC., BROOKLYN 17, N. Y. STOCK NO. 439M

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S-758
LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
2/3/67	A	1,2	17786	Revised per EMN	

TMC FORM MLR-1 2-65—AINS.