10-24-03; 2:39РМ;GE AUG Ø3 '98 12:3ØF	M GE ROOM 420 II TE	ST RECORDS	:502 49 R	3 0640 # 1/ EVP.2
Power Supply Board +26	APPLICATION 7556D15	2.C.3D. NO. 4038J22-1	ED. NO.	ser. no.
TEST: INSTRUCTIONS A	-1077J13; 5.6.5.2.	01 EQUIPM	ENTHO3397	8 DATE
1.0 INSPECTION	# F 13 -	CA		
.1 Identification .2 Comp./Conn.	.3 So .4 Te	lder/Wire	.5 Key S1 6 7	.ot(5-37)
remarks:				5
2.0 PREPARATION 1 Connect test ki 2 Plug test kit i 3 Turn R40 full C 4 Leave load in C 3.0 INITIAL TESTS 1 Switch power ON 2 Read a-c input 3 Read unregulate 4 Adjust R34 for 5 Adjust R39 for Check adjustmen 7 Push STBY test; 8 Read MON jack (nto 110V outlet;] CW; R29 to mid por FF position ; lamp should con at TP1-TP2 (35-39V d d-c at TP4 to TP CUTFUT of 25.74 7.5V at TP12 - TP1 t range of R34 (25 read OUTFUT (25.5)	ne ON rms) 5 (38-42V) 5; repeat steps 5 to 26.5); *1e	DATE 2-1	Range
4.0 CURRENT LIMIT 10 Turn load reost	at full cow. switch	h load switch on		
.11 Increase load b	y gradually turnin	g recstat cw unt	Il output current	7
drops to approx	t allow current to	exceed 8 amps.	: 19	
.12 Read maximum cu	rrent just before	it drops to 0, s	hould be	Amps
between 6.8 to .20 Turn load reost	7.6 amps at full cow than o	w to 3 amos	0	Auus
· 21 Read TP6 - TP16	(.5 to 1.0V)			·
o22 Read output rip .23 Read TP11 to TP	ple with a-c. Voltm S when rucking one	eter (Less then n meter switch (1.0V)	. MV
.23 Read Tril to tr .24 Turn load switc Dwg. No. 653A31	h off, replace reo	stat with .S.re	sistor	
.30 Connect storage	scope to shunt te	rminels to measu	re short circuit	
current. (see .31 Switch load swi	tch on. Peak to p	eak value of the	initial voltage	**
spike should be .32 Oscillation env	between .125 to .	150 Volts.		
peak after init	ial spike		- <u>-</u>	v
TRANSPORT OF THE PROPERTY OF T	to approx. O Volt	s in 500 msec.		msec
.34 Ammeter must re .35 Reconnect Reost	ad less than .25 a at. Leave Load suf	mps ateady state teh in OFF posit:	, ion.	
5.0 OVER VOLTAGE LI .1 Push O.V. pb wh	MIT (No Load)			
.1 Fush O.V. ps wa . at TP11 to TP16	re emitting advara	, , ,	- '	

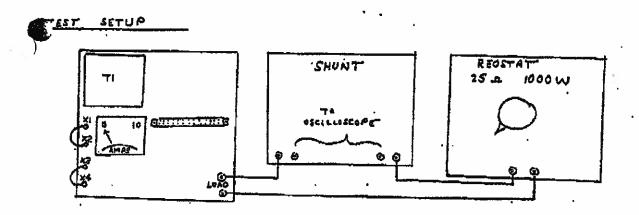
MARK II TEST RECORDS

<u>+267</u>

5.6.5.2.01

;502 493 0640

5.0 .2 .3	OVER VOLTAGE LIMIT (cont.) Adjust R40 CW to just trip at 32.0V (holding OV pushbutton) Reset by switching power OFF, then ON	· ·
.6	Reset and read TP13 to TP11 (6.5 to 8V) Read TP10 to TP11 (less than 0.2V) Read TP7 to TP11 (less than 0.3V) Read TP8 to TP11 (10.6 to 11.8V)	
.1 .2 .3	REGULATION & TRANSIENT RESPONSE Set LOAD for 6.0 amps; read OUTPUT with Fluke Meter Switch LOAD OFF; OUTFUT change must be less than 2.6 mv Place scope across OUTFUT; for a-c input Connect Square Wave Generator to jacks (2KC, 10Vpp) Turn load to CYCLE and observe OUTFUT on scope	KV V



overshoot must be less than 1.0V; settling time must be less than 1 msec.

SHORT CIRCUIT CURRENT

SCOPE ON BC , VOLTS/DN-SO MY , TIME/DIV ON SEC , SINGLE SWEEP

