

TMC SPECIFICATION

NO. S 1152

REV:

0 A

COMPILED: RRH

CHECKED:

APPD: *[Signature]*

SHEET 1 OF 3

TITLE:

Typed by mtp 11/10/66

KIT-313

TMC SPECIFICATION

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2

OF 3

TITLE:

TEST PROCEDURE FOR KIT-313

I. PURPOSE

Purpose of this modification kit is to provide solid-state rectifiers for GPT-750 Power Supply, RTP-2.

II. MATERIALS SUPPLIED

<u>Item No.</u>	<u>Qty.</u>	<u>TMC Part No.</u>	<u>Description</u>
1	2	1N1239	Full Wave Rectifiers
2	2	DD134-1	Half Wave Rectifiers
3	1	NP362-46	Modification Nameplate
4	1	DD135	Full Wave Rectifier
5	1	CK1225	RTP-2 Conversion
6	1	TP131-1-CR607/DD135	Rubber Stamp
7	1	TP131-1-CR603/1N1239	Rubber Stamp
8	1	TP131-1-CR604/1N1239	Rubber Stamp
9	1	TP131-1-CR605/DD134-1	Rubber Stamp
10	1	TP131-1-CR606/DD134-1	Rubber Stamp
11	1	Stamp Pad	Stamp Pad

III. PROCEDURE

1. Remove power from RTP-2.
2. Remove the two 872A tubes, V606 and V607; two 5R4GY tubes, V604 and V605; and the 6X4 tube, V603 and its shield.
3. Remove lead from terminal 10 of T601 to pin 2 of XV604. Remove lead from terminal 11 of T601 to pin 8 of XV604. Change connection of fuse, F605, from pin 2 of XV604 to pin 8 of XV604.

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PROCEDURE (con't)

4. Remove leads from terminals 8 and 9 of T601 to pins 3 and 4 of XV603 (6X4 socket).
5. Remove lead between terminal 11 of T602 and pin 8 of XV605.
Remove lead between terminal 10 of T602 and pin 2 of XV605.
Change connection of choke L605 from pin 2 of XV605 to pin 8 of XV605.
6. Disconnect leads from terminal 5 of T603 to pin 2 of XV606 and XV607. Disconnect leads from terminal 7 of T603 to pins 1 of XV606 and XV607. Change connection of choke, L606, at terminal 6 of T603 to pins 2 of XV606 and XV607.
7. Plug DD135, Item 4, into socket V603. Plug 1N1239's, Item 1, into sockets V604 and V605. Plug DD134-1's, Item 2, into sockets V606 and V607 and attach plate caps to these rectifiers.
8. Using Items 6 through 11, restamp tube sockets as follows:

From	To
V603 - 6X4	CR607 - DD135
V604 - 5R4	CR603 - 1N1239
V605 - 5R4	CR604 - 1N1239
V606 - 872A	CR605 - DD134-1
V607 - 872A	CR606 - DD134-1

9. Affix modification nameplate, NP362-46, Item 3 to front panel of RTP-2.

