

DATE 8/31/73
SHEET 1 OF 3

TMC SPECIFICATION NO. S 1322

Ø

COMPILED

CHECKED

TITLE: Test Procedure for RDCR-1YB

J. De Mares 8/31/73
APPROVED

TEST PROCEDURE
for
MODEL RDCR-1YB

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I. EQUIPMENT REQUIRED:

- A. VOM Simpson Model 260 or equivalent.

II. PRELIMINARY ELECTRICAL TESTS:

CAUTION

BE SURE AC POWER IS REMOVED FROM RDCR-1YB

- A. Connect ohm-meter across AC input of unit. Be sure fuses F101 and F102 are in place.
- B. Set AC switch S101 to "ON". Continuity should exist across the AC input (approximately 5 ohms). Removing either F101 or F102 or setting S101 to OFF will break continuity.
- C. Continuity should not exist between AC leads and ground. Set S101 to "OFF" and remove ohm-meter from unit.

III. POWER SUPPLY VOLTAGE CHECKS:

- A. Set AC power to "ON". Power light DS101 will light. Removing either F101 or F102 will cause the power light to go out.
- B. Meter the voltage level at +38 Volt supply should be between +30 vdc and 38 vdc.
- C. Meter the voltage level at +64 volt supply should be between +60 vdc and 70 vdc.
- D. Set AC power to OFF. Record voltages on test data sheet.

IV. OPERATIONAL CHECK:

- A. 1. Insert PC615/A4898 into A1.
 2. Insert PC613/A4895 into A2.
 3. Insert PC614/A4897 into A3.

As the RDCR-1YB is an integral part of the GPTR2.5KE6-4 further tests should be made in the system.

V. FAULT TIMING ADJUST:

- A. Extend PC614/A4897 (A3).
- B. Set A.C. power switch to ON.
- C. Apply +38 volts to pin 8 of A3 and adjust R5 to trip fault circuit in about 60 seconds.

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- D. After the fault circuit has been triggered, the red pushbutton indicator should be lit. Depressing this pushbutton will extinguish the red indicator and the Fault circuit will be reset. If +38 volts is left on pin 8 the Fault indicator will again come on.

- E. Remove +38 volts from pin 8 of A3. Set AC power to off and replace PC614/A4897 into A3.

