TMC SPECIFICATION

NO. S-1291

REV: Ø

COMPILED: S. DeMarco | CHECKED: C. Sturdberg | APPD: S. DeMarco 1/3/72 | SHEET 1 OF 4

TITLE: Test Procedure for RDCR-1YA

TEST PROCEDURE

for

MODEL RDCR-1YA

I. EQUIPMENT REQUIRED:

A. VOM Simpson Model 260 or equivalent.

II. PRELIMINARY ELECTRICAL TESTS:

CAUTION

BE SURE AC POWER IS REMOVED FROM RDCR-1YA.

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-1YA is an integral part of the MFTR-10KE5 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 15 seconds.

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.

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S 1291
LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
1/7/72	Ø			ORIGINAL RELEASE FOR PRODUCTION	

TMC FORM MLR-1 2-65—AINS.