DATE 27/6/60 SH. 1 OF 4 COMPILED BY R.W.T.	TMC SPECIFICATION NO. S-10037	
	TITLE: PRODUCTION TESTING OF MODIFICATION CAN-2 ON MODEL GPR-90-RX	JOB
APPROVED R.W.T.		

INSTRUCTIONS

FOR THE

PRODUCTION TESTING OF MODIFICATION CAN-2

ON MODEL GPR-90-RX

DATE 27/6/60 SH. 2 OF 4	TMC SPECIFICATION NO. S-10037	
COMPILED BY R.W.T.	TITLE: PRODUCTION TESTING OF MODIFICATION	JOB
APPROVED	CAN-2 ON MODEL GPR-90-PX TMC	

INDEX

DATE 27/6/60 SH. 3 OF 4 COMPILED BY R.W.T.	TMC SPECIFICATION NO. S-10037	
	TITLE: PRODUCTION TESTING OF MODIFICATION CAN-2 ON MODEL GPR-90-RX	JOB
APPROVED		

1. TEST EQUIPMENT REQUIRED

1.1. Signal Generator - Measurements Model 82

1.2. Oscilloscope - Tektronix Model 545 with Type 53/54B drawer.

1.3. 600 ohm resistor load.

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2. TEST INSTRUCTIONS

2.1. General and Visual Inspection

2.1.1. Inspect the unit for obvious electrical and mechanical errors by comparison with the prototype.

2.1.2. Check that there are no dry joints and that crimp-on terminals are securely fastened to flying-lead ends.

2.1.3. Check that all screws are tight and that the screws affixing the unit to the main chassis do not protrude inside causing component damage.

2.2. Electrical Performance Tests

2.2.1. Connect the signal generator to the antenna terminal of the GPR-90-RX and feed in a carrier at 1 Mc/s modulated 30% at 1 kc/s.

2.2.2. Connect terminals 2 and 3 on the transformer unit together and connect the 600 ohm load between terminals 1 and 4.

2.2.3. Connect also the oscilloscope across terminals 1 and 4 and switch on all equipment.

2.2.4. Tune the GPR-90-RX to the signal and adjust the gain to a suitable level.

2.2.5. Check the amplitude and waveform appearing at the oscilloscope and then transfer the oscilloscope across terminals "0" and "600" at the rear of the receiver. The waveform and amplitude should be sensibly the same as before.

3. APPLICABLE DRAWINGS

CK-10316	Schematic
ML-10098	Material List
MS-10451	Bracket - punching