

P1 CARRIER TELEPHONE SYSTEM
ADJUSTMENTS AND MAINTENANCE
REMOTE TERMINAL TESTS — TRANSMITTING

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1.00 INTRODUCTION

1.01 This section specifies adjustments and tests required to prepare the transmitting portion of a remote terminal for service. It also specifies tests required to locate trouble which has been isolated to this portion of a terminal by the trouble locating procedures summarized in Section 363-101-509.

1.02 To adjust a terminal, perform each adjustment in the order listed.

1.03 To locate a trouble in the transmitting portion of a remote terminal, perform all the steps in the order given. When requirements cannot be met, follow the procedure specified in Section 363-101-509.

1.04 All test points marked with a yellow dot are ground points. Binding post numbers shown in parentheses are located on the 386A apparatus case terminal block.

1.05 Preparations made for each test or adjustment will remain in effect until the end of the section (Transmitting) unless otherwise specified.

**2.00 ADJUSTMENT B — TRANSMITTED
CARRIER POWER**

2.01 On test set, turn REC switch to DET 600Ω position.

2.02 Turn DET SENS-db switch to +10 position.

2.03 Connect receive cord from REC jack on test set to CARR test point on board A; red to CARR (14), black to yellow dot (22).

2.04 On board B, adjust potentiometer marked CARR to obtain a reading of -4 on DECIBEL meter. If reading cannot be obtained, refer to Section 363-101-509.

2.05 Place W1Y cord (shorting strap) across MOD test points on board B.

2.06 Turn DET SENS-db switch to -10 position.

2.07 DECIBEL meter should read any position to left of -4. If requirement cannot be met, replace board B and repeat Adjustment B.

3.00 ADJUSTMENT C — COMPRESSOR

3.01 On test set, turn SEND switch to AUDIO position.

SECTION 363-101-505

- 3.02** Turn AUDIO OSC FREQ switch to 1000~ position.
- 3.03** Turn DET SENS-db switch to 0 position.
- 3.04** Operate and hold CAL OSC key.
- 3.05** Turn AUDIO OSC OUTPUT knob to obtain a reading of 0 on DECIBEL meter.
- 3.06** Release CAL OSC key.
- 3.07** Turn ATTENUATOR switches to 0 positions.
- 3.08** Remove 600-ohm resistor from VF test points on board A (7 and 8).
- 3.09** Connect send cord from SEND jack on test set to VF test points on board A; black to left (7), white to right (8), and sleeve to yellow dot.
- 3.10** Connect receive cord from REC jack on test set to CARR test point on board A; red to CARR (14), black to yellow dot (22).
- 3.11** On Board E, turn COMP potentiometer to obtain reading of -3.5 on DECIBEL meter. If reading cannot be obtained, refer to Section 363-101-509.
- 3.12** Remove send and receive cords from terminal.
- 3.13** Remove W1Y cord from MOD test points on board B.
- Note:** If no further adjustments or tests are to be made, refer to Section 363-101-507.