

OPERATIONAL DESCRIPTION

I. Transmitter Technical Characteristics -- Pursuant 2.1033(c)

- A. RF Power Output 275 mWatt to 4 Watts (Variable Power)
- B. Frequency Range 403 - 470 MHz
- C. Frequency Stability 2.5ppm
- D. Emissions 16K0F3E, 11K0F3E
- E. Spurious Emissions 25uW
- F. DC Voltage and Current into the final RF amplifier stage/stages 7.5 VDC 1.6 A

II. Transmitter Application

This transmitter is primarily intended for use as a vehicular repeater system. The system is characterized by the following features, options, and accessories.

A. Power Supply Available

- 1. NiCad Battery \_\_\_\_\_, DC X, Alkaline Battery \_\_\_\_\_, AC \_\_\_\_\_, Lead Acid Battery \_\_\_\_\_.

B. Antenna Available

- 1. Helical \_\_\_\_\_, Telescopic \_\_\_\_\_, Whip \_\_\_\_\_, Dipole \_\_\_\_\_, Dribble External \_\_\_\_\_, External X.

C. Squelch Types Available

- 1. Carrier Squelch X.
- 2. Tone "Private Line" X.
- 3. Digital "Private Line" \_\_\_\_\_.

D. Microphone - Control

- 1. Handset/Palm Microphone \_\_\_\_\_.
- 2. 600 Ohm wireline control \_\_\_\_\_.

E. Maximum Transmit Channel Capability 1.

F. Housing

The transmitter will be housed as shown in the accompanying photographs.

G. Other Options

- 1. Single Tone Encoder X
- 2. Multiple Single Tone Encoder
- 3. Touch Code Encoder
- 4. Unit ID Encoder
- 5. EMS Telemetry Encoder
- 6. Time out Timer X
- 7. Voice Encryption
- 8. Digital Signaling
- 9. Sel-Call Decode
- 10. Trunking