

OPERATIONAL DESCRIPTION

I. Transmitter Technical Characteristics—Pursuant 2.983 (d)

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|---|-------------------------------|
| A. RF Power Output | 0.5 Watt |
| B. Frequency Range | 462.5625 - 467.7125 MHz |
| C. Frequency Stability | 0.00025 % |
| D. Emissions | 11K0F3E, (see General Info.) |
| E. Spurious Emissions | 76.1dBc |
| F. DC Voltage and Current into the final RF amplifier stage/stages | 4.5 Volts 450 mAmps |

II. Transmitter Application

This transmitter is primarily intended for use in a hand-held two-way portable radio. The radio is characterized by the following features, options and accessories.

A. Power Supply Available

- 1. NiCad Battery _____, Mercury Battery _____, Alkaline Battery X ,
AC _____, Lead Acid Battery _____, Nickel Metal Hydride _____.

B. Antenna Available

- 1. Helical X , Telescopic _____, Whip _____, Dipole _____,
Dribble External _____, External _____.

C. Squelch Types Available

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

D. Microphone - Control

- 1. Handset/Palm Microphone X .
- 2. 600 Ohm wireline control _____.

E. **Maximum Transmit Channel Capability** 14 .

F. Housing

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

G. Other Options

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