



OPERATIONAL DESCRIPTION

I. Transmitter Technical Characteristics—Pursuant 2.983 (d)

- A. RF Power Output 1.0 Watt / 2.2 Watt
- B. Frequency Range 460-470 MHz
- C. Frequency Stability 0.00025 %
- D. Emissions Designators 11K0F3E, 16K0F3E(see General Info.)
- E. Spurious Emissions 76.1dBc
- F. DC Voltage and Current into the final RF amplifier stage/stages 4.8 Volts
1 Watt /570mAmps 2 Watt/ 820mAmps

II. Transmitter Application

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

A. Power Supply Available

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

B. Antenna Available

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

C. Squelch Types Available

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

D. Microphone - Control

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

E. **Maximum Transmit Channel Capability** 56 .

F. Housing

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

G. Other Options

- 1. Single Tone Encoder X
- 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 X
- 9. Sel-Call Decode N/A
- 10. Trunking N/A