OPERATIONAL DESCRIPTION

I. Transmitter Technical Characteristics—Pursuant 2.983 (d)

A. RF Power Output	1.0 Watt
B. Frequency Range	458-470 MHz
C. Frequency Stability	0.00025 %
D. Emissions Designators	11K0F3E, (see General Info.)
E. Spurious Emissions	76.1dBc
F. DC Voltage and Current into the final RF amplifier stage/stages	3.6 Volts 550 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 _____, 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"_____.

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 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	N/A
9. Sel-Call Decode	N/A
10. Trunking	N/A