

OPERATIONAL DESCRIPTION

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

- A. RF Power Output 5 - 30 Watts variable
- B. Frequency Range 450-470 MHz
- C. Frequency Stability 0.00015%
- D. Emissions 16K0F3E, 11K0F3E, 8K10F1E, 8K10F1D, 20K0F1E
- E. Spurious Emissions -25.1 dBc
- F. DC Voltage and Current into the final RF amplifier stage/stages 13.8 Volts  
10 A max

II. Transmitter Application

This transmitter is primarily intended for use as a transportable Base Station. The station is characterized by the following features, options, and accessories.

A. Power Supply Available

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

D. Microphone - Control

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

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
- 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