

OPERATIONAL DESCRIPTION

- I. Transmitter Technical Characteristics -- Pursuant 2.1033(c)
 - A. RF Power Output 5 - 22 Watts Variable Power
 - B. Frequency Range 851-870 MHz
 - C. Frequency Stability 0.00010%
 - D. Emissions 16K0F3E, 8K10F1E, 8K10F1D, 20K0F1E
 - E. Spurious Emissions -69.2 dBc
 - F. DC Voltage and Current into the final RF amplifier stage/stages 13.8 Volts, 10 Amps max

II. Transmitter Application

This transmitter is intended for use as a transportable Repeater station. It is to be operated only in a fixed configuration, but is designed for easy transportation as necessary. 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