

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