

OPERATIONAL DESCRIPTION

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

A. RF Power Output	5 - 30 Watts Variable Power
B. Frequency Range	470-494 MHz
C. Frequency Stability	0.00010%
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 portable suitcase Repeater 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