

DESCRIPTION

## I. Transmitter Technical Characteristics -- Pursuant 2.983 (d)

- |                                                                       |                                                |
|-----------------------------------------------------------------------|------------------------------------------------|
| A. RF Power Output                                                    | 1 - 6 Watt (Variable)                          |
| B. Frequency Range                                                    | 136 - 174 MHz                                  |
| C. Frequency Stability                                                | 0.00020 %                                      |
| D. Emissions                                                          | 16K0F3E, 11K0F3E, 8K10F1E, 8K10F1D,<br>20K0F1E |
| E. Spurious Emissions                                                 | - 75 dBc                                       |
| F. DC Voltage and Current into<br>the final RF amplifier stage/stages | 7.5 Volts<br>2.0Amps                           |

## II. Transmitter Application :

This transmitter is primarily intended for use as a hand-held portable radio. The transmitter is characterized by the following features, options and accessories.

- A. Power Supply Available  
 Ni-Cad Battery   X  , Mercury Battery           ,           , Alkaline Battery           ,  
 AC           , Lead Acid Battery           , Ni-MH Battery   X  , Li-Ion   X
- B. Antenna Available  
 1. Helical   X  , Telescopic           , Whip   X  , Dipole           ,  
 Dribble External           , External           .
- 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. Wireline control   X  .
- E. Maximum Transmit Channel Capability   250  .
- F. Housing  
 The transmitter will be housed in the housing shown in the accompanying photographs.
- G. Other Options
- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 1. Single Tone Encoder          | <u>          X          </u>      |
| 2. Multiple Single Tone Encoder | <u>                          </u> |
| 3. Touch Code Encoder           | <u>                          </u> |
| 4. Unit ID Encoder              | <u>          X          </u>      |
| 5. EMS Telemetry Encoder        | <u>                          </u> |
| 6. Time out Timer               | <u>          X          </u>      |
| 7. Voice Encryption             | <u>          X          </u>      |
| 8. Digital Signaling            | <u>          X          </u>      |
| 9. Sel-Call Decode              | <u>          X          </u>      |
| 10. Trunking                    | <u>          X          </u>      |
| 11. Conventional                | <u>          X          </u>      |
| 12. Digital Voice               | <u>          X          </u>      |