

# FLIGHT TERMINATION SYSTEM TEST SET

## DATA SHEET & TECHNICAL SPECIFICATIONS



### Features

- ▶ Portable
- ▶ 8 Tones (1 - 8 standard)
- ▶ IRIG 313-01 Compliant
- ▶ Variable RF Output Level
- ▶ Variable Carrier Frequency
- ▶ 20 Tone model also available
- ▶ Antenna and Coaxial Cable included

### Applications

- ▶ Range Safety
- ▶ Test

The Model FTTS-P-8 Flight Termination Test Set (FTTS) is a portable unit used for flight-line checkout of flight termination receivers and/or command receiver/decoders.

The FTTS accepts AC power and generates a modulated RF output suitable for interrogation of flight termination receivers and/or command receiver/decoders.

The FTTS can transmit up to 6 tones simultaneously and the RF output power is adjustable from 0 to -127 dBm. The IRIG tones can be switched ON/OFF independently from the control panel.

A 20 Tone version of the FTTS is also available.

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### Specifications

- ▶ Size: 9.00" H x 12"W x 5" D (Standard EIA 19" Rack Mount)
- ▶ Weight: Approximately 10 pounds
- ▶ Power Input: Universal Input: 115 VAC to 230 VAC, 50 to 60 Hz
- ▶ Carrier Frequency: 406 to 450 MHz in 100 kHz steps
- ▶ Carrier Frequency Stability:  $\pm 0.0005\%$
- ▶ Power Output: 0 to -127 dBm
- ▶ Output Impedance: 50 ohms
- ▶ Output Connection: Type N Female
- ▶ Modulation: Wideband FM,  $\pm 30$  kHz per tone
- ▶ Tone Frequencies: Any combination of up to 8 tones per IRIG 313-01 (maximum of 6 tones ON simultaneously)
- ▶ Remote Control: RS-232 (other options available)
- ▶ Spurious Outputs: -50 dBc
- ▶ Harmonic Distortion: < 2%

### Options

- ▶ Rackmount
- ▶ Select any 8 of 20 available Tones
- ▶ 20 Tone model available (FTTS-P-20)
- ▶ Local/Remote: RS-232, GPIB, or 10Base100 Ethernet
- ▶ Customizable to fit your needs



20 Tone



Ready to Transport

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