



**YOUR NEXTGEN  
AVIONICS LEADER**

## **JETCALL** **SELECTIVE CALLING DECODER**

**FreeFlight System's JET CALL Selective Calling Decoder has external thumbwheel coding, no wire jumpers or remote switches and only takes about ten seconds to set. Two or five decoder channels are available to handle VHF and/or HF transceivers, while 16 available code letter tones for all four codewheels provide 43,680 code letter combinations and 10,920 tones. The JET CALL is certified to TSO-C59 and DO-160A environmental specifications.**

Its solid-state circuitry uses state-of-the-art switched capacitor filters with high inherent stability – no resonant reeds or active filters to drift. All decoder center frequencies are locked to a single high stability quartz crystal reference.

The JET CALL handles a wide range of input signal levels without adjustment. The high performance decoder circuit decodes at low S/N ratios without providing false alerts to unselected signals. A self-test circuit is designed to ensure all decoder channels are completely checked. JET CALL eliminates the need to monitor frequencies for incoming calls. Low power consumption is insured by efficient CMOS integrated circuits. Easy installation uses standard MIL type D connectors with insertable/removable pins. It's light, small, easy to wire into an aircraft, and attractively priced.



**JET CALL -**  
A TSO certified ground-to-air  
selective calling decoder

**For additional product information and  
specifications, please visit our website  
[www.freeflightsystems.com](http://www.freeflightsystems.com)**

**HIGHLIGHTS:**

- Exceeds Airline Category Requirements
- Certified to TSO-C59
- Small and lightweight
- Easy Installation
- Two-year warranty

**SPECIFICATIONS**

<b>Construction:</b>	Solid state, modular
<b>Number of Channels:</b>	2 or 5 depending on model
<b>Code Selection:</b>	Front Panel thumbwheel switch
<b>Input Impedence:</b>	10K ohms, transformer coupled
<b>Input Level:</b>	0.1 volts rms min each tone 3.2 volts rms max each tone
<b>REQUIRED RECEIVER Audio Response:</b>	Flat from 300-3000 Hz
<b>Tone Codes:</b>	All 16 ARINC tones
<b>Tone Decoder Frequency Stability:</b>	±.01%
<b>Channel Annunciate Output:</b>	28 VDC at 2.0 amperes max for resistive load 28 VDC at 200 MA max for tungsten lamp load
<b>Interrupted Circuit Output:</b>	28 VDC at 2 amperes max for resistive load at 1 to 2 Hz rate
<b>Non-Interrupted Circuit Output:</b>	28 VDC at 2.0 amperes max for resistive load
<b>Reset Circuit:</b>	External momentary switch to ground, each channel
<b>Self-Test Circuit:</b>	Automatic reset for self-test

**POWER REQUIREMENTS**

<b>Voltage:</b>	28 VDC
<b>Current:</b>	2 channels 320 MA 5 channels 360 MA

**PHYSICAL CHARACTERISTICS**

<b>Height:</b>	5.35 inches
<b>Width:</b>	2.44 inches
<b>Depth:</b>	15.0 inches
<b>Weight-2 channels:</b>	2.7 lbs
<b>Weight-5 channels:</b>	3.2 lbs

**CERTIFICATIONS**

<b>System:</b>	TSO-C59
<b>Environmental:</b>	DO-160A



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