



**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**

HIGHLIGHTS:

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

SPECIFICATIONS

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

POWER REQUIREMENTS

Voltage:	28 VDC
Current:	2 channels 320 MA 5 channels 360 MA

PHYSICAL CHARACTERISTICS

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

CERTIFICATIONS

System:	TSO-C59
Environmental:	DO-160A



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