

**Dynamic Loudspeaker  
Model LS-184A/AIC-10 (PN A61-9)**



**Model LS-184A**

**THIS UNIT IS USED ON THE  
FOLLOWING AIRCRAFT:**

- KC-135
- C-130
- B-52

**GENERAL CHARACTERISTICS**

PERFORMANCE

Specification.....	MIL-D-9415A
Environmental.....	MIL-E-5400 Class 1
Size.....	8 5/32" H x 7 1/4" W x 4 1/8" D
Weight.....	3.25 lbs.

TEMPERATURE

Continuous Operation.....	-54° C to +71° C
Storage.....	-65° C to +95° C

INPUT VOLTAGE..... 27.5 VDC

OPERATIONAL PERFORMANCE

Gain @ 1 Khz.....	7.5 +/-1.5 dB
Power Input.....	5.7 W @ 27.5 VDC and 1 W Output
Power Output.....	1 W
Frequency Range.....	200 to 10,000 Hz
Internal Noise.....	1 mV maximum
Noise with 1.5 V ripple.....	mV maximum
400 Hz on 27.5 V line	

IMPEDANCE

Input Impedance.....	1000 Ohms @1 kHz
Speaker.....	8 Ohms

**DESCRIPTION AND USE**

The Andrea A61-9 is a bulkhead mounted dynamic loudspeaker. It combines an audio amplifier and loudspeaker, converting the audio input signal from an intercommunication system into audible sound. The self-contained push-pull amplifier provides the power amplification and impedance conversion needed to drive the 8 Ohm loudspeaker. The amplifier is type AM-492B/AIC-10 (Andrea P/N A61-8). This amplifier provides the wide range response and peak clipping needed to maintain a high signal to noise ratio under high ambient noise conditions. The unit contains an ON/OFF toggle switch.

C46-5394 Rev B