

## Monitor Panels

**Model C2323A/AIC (PN A81-59)****Model C3943(P) (PN A81-53)****THIS UNIT IS USED ON THE  
FOLLOWING AIRCRAFT:**

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

### GENERAL CHARACTERISTICS

|                                 |                                  |
|---------------------------------|----------------------------------|
| A81-59.....                     | MIL-I-27543                      |
| A81-53.....                     | Exhibit ASNLS 61-26B             |
| Environmental.....              | MIL-E-5400, Class 2              |
| Mean Time Between Failures..... | 4000 hrs.                        |
| Size.....                       | 5 3/4" W x 2 5/8" H x 4 21/64" D |
| Weight.....                     | 1.3 lbs. maximum                 |
| Connector.....                  | KO2-19-20 PN                     |
| Mating Connector.....           | KO3-19-20 SN                     |
| Input Line Termination.....     | 150 ohms                         |
| Gain @ 1 KHz (Note 1).....      | 21 dB +/-5 dB                    |
| Bridging Loss (Note 2).....     | 47 dB +/-2 dB                    |
| Monitor Volume Range.....       | 18 dB +/-3 dB                    |
| Cross Talk.....                 | 60 dB down minimum               |

The C-2323A/AIC is designed for use with the Intercommunication Set Control C-2106A/AIC-18

The C-3943(P)/AIC is designed for use with the Intercommunication Set Control C-3942(P)/AIC-18

These monitor panels do not contain amplifiers. They may be used with other Set Controls requiring similar functions.

**Note:**

1. From audio input to Headset output of associated Set Control.
2. From audio input to audio output, terminated with 120 ohms.

### DESCRIPTION AND USE

The Andrea A81-59 and A81-53 Monitor Panels are panel mounted assemblies with eight combination monitor switch - monitor volume controls. These controls provide selection and individual level adjustment of eight audio input lines.

Panel lighting of the A81-59 Monitor is provided by two 27.5 VDC lamps with red filters. Typical power for panel lights is 2.2 Watts.

Panel lighting of the A81-53 Monitor is provided by two 6.0 VDC or 400 Hz lamps with white filters.

C46-5391 Rev C