CVFDR ACCESSORY SHEET Cockpit Area Microphone & Control Panel

The optional accessories for the 200 series cockpit voice and flight data recorder product line include a Cockpit Area Microphone, as well as a Cockpit Control Panel meeting all applicable ED-112A crash survivability system performance regulations.

The Cockpit Area Microphone is available either standalone, or centrally mounted within the Cockpit Control Panel.



COCKPIT CONTROL PANE



The Cockpit Control Panel is available in variants including:

- Standalone CVR
- Single CVFDR
- Dual CVFDR
- Standalone CVR with Internal CAM
- Single CVFDR with Internal CAM
- Dual CVFDR with Internal CAM

COCKPIT AREA MICROPHONE

| | COCKPIT CONTROL PANEL | COCKPIT AREA MICROPHONE | |
|--|--|---|--|
| Dimensions | 145.8mm (5.74") width, 28.3mm (1.15") height, 75mm (3.0") depth | 28mm (1.1") width, 23mm (0.91") height, 52mm (2.1") depth | |
| Weight | Less than 400g (< 0.9 lb) with CAM Less than 300g (< 0.7 lb) without CAM | Less than 100 grams (standalone) | |
| Lighting | Backlit text legends, 0-28VDC variable control | N/A | |
| Mounting Type | DZUS Panel Mount | Qty 2x #8-32 fasteners or mounted within cockpit control panel | |
| Construction | Aluminium AMS QQ-A-200/8, ASTM-B221 | | |
| Finish | MIL-DTL-5541 Type II Class 3 on exposed and faying metal surfaces MIL-PRF-85285 Top Coat (Black) | MIL-DTL-5541 Type II Class 3 on exposed surfaces | |
| Power supply input | 28 VDC nominal, 10 to 80 VDC, DO-160 CAT Z | N/A – powered from CVFDR | |
| Input Connector | M24308/24-9F | N/A – flying lead (two wire M27500 shielded twisted pair) | |
| Mating Connector | M24308/4-8F | | |
| Operating Temperature (operating) | -20 to +50 degrees Celcius | | |
| Operating Temperature (non-operating) | -55 to +85 degrees Celcius | | |
| Operating Altitude | Up to 55,000 ft | | |
| Environmental Qualification | RTCA DO-160G | | |
| Design Assurance | RTCA DO-178C Level D | | |
| Design Approvals | TSO-C123c, TSO-C124c as applicable | | |
| Production Approvals | FAA TSOA, FAA 8130-3 Release | | |

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