

Fire Protection System

CWCIS, Inc Avionics and Electronics has in-depth experience and expertise in the design, development and manufacture of fire protection systems that have been fitted to a diverse range of commercial and military aircraft. Our team has a very clear understanding of the issues concerning false alarm immunity and response time to fire. These systems have protected Engines, Auxiliary Power Units, Cargo Compartments, and Lavatories.

FC-310 Fire Protection Computer

Includes BITE & communicates system status, alarm and failure information via analog and digital data bus to the following aircraft systems:

- Central Maintenance Computer
- Aircraft Environmental Control System
- Cockpit EICAS and Fire Control Panel(s)
- Fire Control Panels can be provided



Next Generation Smoke Detector

- Faster response to real fire
- Significantly higher immunity to false stimuli
- Eliminates >99% of all false alarms in extensive testing
- Cost is the same as 2156 series
- Improved profit for airline operation
- Available as Open Air or Ducted



CSD-3300 Lavatory Smoke Detection System

- Can be used with or without Flight Attendant Panel FP-330
- Lavatory Smoke Indication
- Provides Aural Warning
- Provides System Test
- RI-330 Remote Indicator installed Outside Lavatory
 - Indicates when smoke is detected



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The CWCIS Fire Protection System consists of engine fire detectors and extinguishers, APU fire detectors, an APU fire extinguisher, wheel well overheat detectors, cargo bay smoke detectors and fire extinguishers, avionic bay smoke detectors, electrical bay smoke detectors, lavatory smoke detectors, lavatory fire bottles, and the redundant fire protection computer.

