



## Mobile Ratio Foam Controller

### CUSTOM EMBEDDED CONTROLLER

- Electronics, packaging and software developed by Airline engineers
- Implemented an autogain algorithm for dynamically controlling the ratio of water to foam for fire fighting pumping applications
- Controller consists of:
  - Two differential 10-bit A/D converters
  - Two 12-bit PWM outputs (2 amps each)
  - RS232 serial port
  - 8 digital inputs/8 digital outputs
  - CAN bus capable
- Designed to meet IP67 rating



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