

# MissionFit™ Flight Training Device and Interactive Training System – Specifications

## Specifications

- Flight controls include representative yoke, rudder pedals, toe brakes, power level, gear handle, flap handle and engine condition lever
- Single-channel visual
- Tactile panels include flight guidance, multi-function keyboard and cursor control device
- Reconfigurable to easily switch cockpit, flight controls and tactile panels to other aircraft types
- Five-wheeled modules for easy relocation and setup into any office space with a minimum door width of 32 inches (82 cm)
- Part 60 Level 5 capable creditable training
- Works on standard office power outlet (850W, 110-240 VAC, 50-60 Hz)
- Consumes .25 tons worth of air conditioning
- 8 ft (w) x 8 ft (l) x 6.5 ft (h)

## Normal Operation Procedures Training

- Systems Integration Training (SIT)
- FAA 14 CFR Part 60 Level 5
  - Preflight inspection
  - Engine start procedures
  - Pre-takeoff checks
  - Departure procedures
  - Steep turns
  - Approach to stalls
  - Standard terminal arrival instrument procedures
  - Holding instrument procedures
  - Precision instrument procedures
  - Engine operating instrument procedures
  - Non-precision instrument approach instrument procedures
  - Missed-approach instrument procedures
  - Emergency evacuation procedures
  - After-landing procedures
  - Avionics systems
- Interactive training material capable

## Sample of Supported Abnormal and Emergency Procedures

- Engine failure in flight – total power loss
- Engine interstage turbine temperature (ITT)
- Engine starter engaged
- Engine hot start
- Fire detect
- Pitch trim runaway
- Trim runaway
- Avionics 1 Bus
- Generator 1 Off
- Battery 1 or Battery 2 Hot or Battery 1 + 2 Hot
- Flight director fail
- AFCS Fault
- Flight director fail and autopilot fail and yaw damper fail



\*Additional abnormal and emergency procedures can be added upon request.



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