



Flight Simulator Checkout

Approved 05/28/2024, supersedes all previous versions

I. Manuals, Guides, and System Overview

- Ensure the new user can locate and has reviewed the following documents prior to the checkout
 - Qualification and Approval Guide*
 - System Startup and Shutdown Manual*
 - Avionics Manual*
 - Instructor Operator Station (IOS) Manual*
- Conduct a brief overview & identify the locations of all AATD components
Power supply box, computer, WiFi router, projector & screens, IOS, flight deck
- Conduct a thorough introduction of the AATD flight deck and its elements
 - All instruments, switches, & controls
 - NOTE:** Circuit breakers can be pulled but have no effect on the system
 - NOTE:** Expect slight lags or delays between analog inputs and digital system recognition
 - Hobbs meter - used to record chargeable time while master switch is on (same as rental aircraft)
 - Headset jacks for pilot and instructor
 - Flight deck lighting (overhead from rear and under dash)

II. System Start & Setup

- Complete the step-by-step startup checklist (ref. *System Startup and Shutdown Manual*)
- Complete these scenario setup steps
 - Complete the Startup Checklist (ref. *System Startup and Shutdown Manual*)
 - Safely enter & exit the flight deck
 - CAUTION:** Use care to lift & open doors without bumping projector screens!
 - (optional) Connect electronic flight bag (EFB) to the AATD WiFi network

III. Operations

- Conduct a short flight: Use checklists, takeoff, fly a pattern, and land at Green Castle airport (IA24)
- Practice inducing and clearing various system failures
- Following an emergency procedure, restart the flight in a new location or position
- Practice manually moving aircraft position via double-clicking the airplane icon on the IOS map

IV. System Shutdown

- Complete the step-by-step Shutdown Checklist (ref. *System Startup and Shutdown Manual*)

Print New User Name

New User Signature

Date

Print Instructor Name

Instructor Signature

Date