



# The one-G Foundation™

Based on the popular Cessna® single engine series aircraft, the one-G Foundation™ is a model-specific Advanced Aviation Training Device (AATD) designed as a platform for integrated flight instruction for all pilots: from brand new learners to seasoned commercial pilots and flight instructors alike. Our one-G Integrated Training Platform, advanced avionics emulation suite, and the mobility of the one-G Foundation™ are just a few of the things that make this AATD unique.

**BASE MODEL:** Cessna® 172S (optional 172RG, 182T, 182RG)

**DEVICE TYPE:** FAA-approved AATD

**APPLICATIONS:** FAA-approved pilot training, pilot proficiency, scenario based training, pilot logging per FAR 61/141



## FEATURING:

### one-G Integrated Training Platform

The one-G cloud-based Portal, dedicated IOS and, FAA approved AATD work seamlessly together to provide a hyper-realistic flight training environment. The Instructor can create dynamic Simulation-Based Mastery Learning (SMBL) training sessions, track learner progress, and store all flight data for review and debrief.

## KEY FEATURES:

- 1G-IOS (Instructor Operator Station) includes integrated flight scenario building tools, as well as recordable flight parameter tracking
- 1G-FF control loading yoke, haptic feedback
- Standard aviation headset jacks enable isolated learner and instructor communications
- Administrative features including full session history, instructor/solo learner user access control, and much more, all by logging into the secure, web-based one-G Portal
- Compatible with PilotEdge™ (live ATC, subscription necessary) using the push-to-talk button on the yoke
- Wireless support for ForeFlight™, Garmin Pilot™, WingX Pro™, and FlyQ™ apps, including AHRS and synthetic vision

## DISPLAY:

- LED display technology delivers a faithful, highly reliable graphical representation of analog gauges and instruments with low energy draw
- Three screen wrap: (3) 34" Full HD IPS LED monitors.

**DIMENSIONS:** 32"W x 52"L x 45"H

## FORM:

- 360 degree total lock castors, designed to roll through a standard 36" pedestrian doorway

**POWER:** Single 115volt, 15amp outlet

## AVIONICS:

- 1G-650™ GPS emulator module with touch screen, based on the popular Garmin® GTN650™
- 1G-KX165A NAV/COM module with flip/flop frequency swap
- 1G-KR87 ADF module with flip/flop frequency swap
- 1G-KFC150 autopilot module with flight director and altitude hold
- Audio panel with OMI
- LED advisory panel

## WARRANTY:

12-month limited warranty includes:

- Initial device orientation and training
- GPS database updates
- Software updates
- Hardware coverage
- Technical support via email, phone, and remote access

## AVAILABLE OPTIONS:

- 1G-WAVE rumble pack haptic feedback system
- 172RG package
- 182T package
- 182RG package
- Custom logo graphics
- Extended wraparound projection visuals

