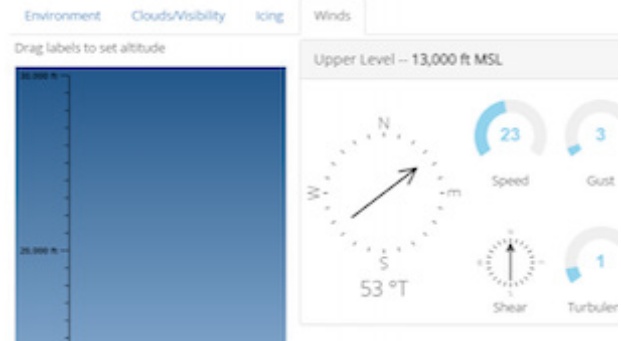


## 1G-IOS™

The 1G-IOS™ is a software application that pairs with one-G's fleet of advanced aviation training devices. From its ability to architect complex, scenario-based situations to its host of administrative and logging features, this application delivers.

The 1G-IOS™ allows flight instructors to spend more time on what matters most - the student.



### THE BASICS

- The 1G-IOS™ is a platform agnostic application, designed to work with any wireless tablet or desktop console
- When utilized on a tablet, the intuitive touchscreen interface features sliders for settings and controls, enabling instructors to manually enter digits and manipulate settings
- Instructors can easily store and load multiple training scenarios, creating consistent training sessions and seamless curriculum building
- The one-G Access Portal includes administrative tools for student hour logging and billing, among others, while screen and data capture and session-specific note capturing functions provide comprehensive record keeping of student performance

### SITUATIONAL AWARENESS

- Features terrain, traffic, and a detailed declutter feature that includes navigational and airspace fixes
- Instructors can set a session in any airspace and maintain situational awareness with tools such as barring and distance measurement, recorded track, and relationship to instrument approach corridors
- Features a complete glass panel depiction of student instruments including nav and comm radios, annunciators, and autopilot, and a scalable profile view that displays localized and glide scope performance

### SIMULATOR CONTROL AND SYSTEM FAILURES

- The 1G-IOS™ includes rapid and precise repositioning for both airborne and airport-based aircraft
- From avionics and electrical failures to icing or instrument malfunctions, instructors can create failures on virtually any model-specific instrument, with a comprehensive system failures tab that allows the instructor to see the status of all instruments at a glance
- Instructors can schedule a failure at a specific time, airspeed, altitude, or at random

### WEIGHT AND BALANCE

- Instructors can make changes in real-time to the graphical weight and balance envelope
- Payload and center of gravity are calculated just as they would be in a real aircraft, giving students an understanding of the effect of being improperly loaded

### WEATHER

- The IG-IOS™ provides refined control over multiple cloud and wind layers, and also includes precise control over cloud bases and tops with automated AGL versus MSL, and magnetic versus true
- Dynamic ice control allows for control of ice accretion on the wind screen, propeller, air frame, and induction system, among others
- High resolution wind shear and turbulence allows for precise control over the aircraft

## IG-IOS™



EQUIPMENT:  
DESKTOP MONITOR OR TABLET WITH  
A TOUCHSCREEN INTERFACE

PROGRAM BASICS:  
SCENARIO-BASED TRAINING

INSTRUCTOR-PROGRAMMED  
SESSIONS

COUNTLESS LESSONS BASED  
ON MODEL-SPECIFIC AIRCRAFT  
AND CURRENT FAA NAVDATA

