



SOLID GROUND
— AVIATION —

SG-2 **Flight Simulator**

Immersive

Adaptable

Precision-Engineered

One Device, Three Configurations, Endless Options



FAA Approved Devices

2 FAA approved devices utilizing one base simulator

SG-2A

Advanced Aviation Training Device (AATD)



**Cessna 172S G1000
simulator with true to life
avionics replication and real
knobs/buttons.**

- Realistic C172S flight model
- Legacy and NXi emulation
- Force-feedback flight controls
- Wrap-around visuals
- Powerful instructor station

SG-2B

Basic Aviation Training Device (BATD)



**Highly configurable and
interactive simulator
designed to match your
aircraft.**

- 35 approved panel combinations
- Cessna 172S, PA-28, PA-28R
- Force-feedback flight controls
- Wrap-around visuals
- Powerful instructor station

SG-2B Configurations

35 Panels with a variety of avionics

Flight Displays

Round dial
Garmin G5
Aspen EFD1000
G1000

GPS Navigators

GNS430W
GNS530W
GTN750
GTN650
G1000

Autopilots

GFC500
S-TEC55X

Sample Panels



Custom Non-Approved

SG-2C Custom Flight Simulator

The SG-2 becomes the SG-2C when adding custom aircraft not already reviewed by the FAA.

The SG-2C uses a library of over 800 instruments to create custom panels

- Model specific aircraft
- Replicate entire fleet
- Learn new avionics



Simulates most aircraft

Hundreds of general aviation, business, and commercial aircraft are available for custom configuration¹

Included Aircraft

Beechcraft Baron 58
Cirrus SR-22
Cirrus Vision Jet
Boeing 737-800

The SG-2 can be changed between the FAA approved and non FAA approved configurations in minutes.

1. Custom configurations may require additional fees and are not FAA approved for logging time

Key Features

Train using your aircraft and avionics.

The SG-2 uniquely simulates a wide range of aircraft, from light piston planes to business jets and large airliners.



Make training count

The SG-2B contains 35 FAA approved aircraft/panel combinations for logging time and currency requirements

Feel there

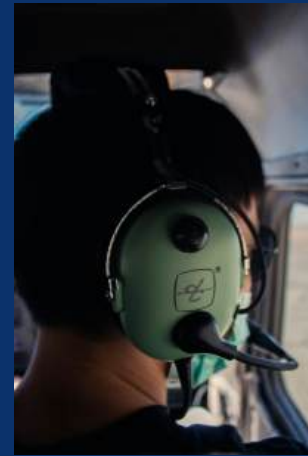
All configurations include state of the art force-feedback controls adapt the aircraft in use providing realistic handling



Key Features

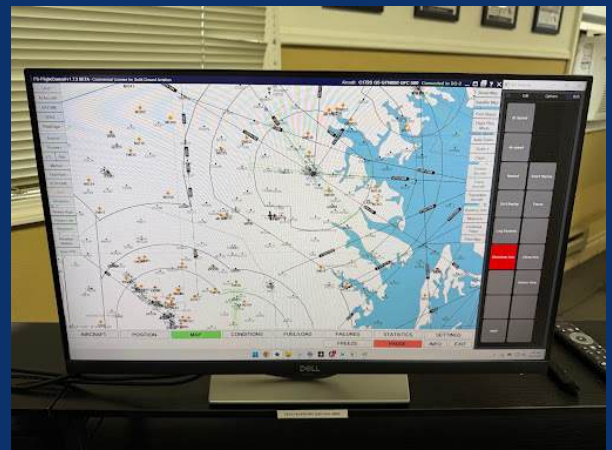
Powerful Integrations

The SG-2 connects with online Air Traffic Control, real-time live traffic, and more.



EFB Connectivity

Link the SG-2 with any EFB app including ForeFlight



Powerful Instructor Station

Maintain complete control over every aspect of the training environment to ensure realistic, efficient, and targeted instruction

Advanced Jet Training

The SG-2C config is the perfect tool for introducing jet operations utilizing the Boeing 737-800



Automation management



Experience realistic crew coordination and avionics management with a fully functional automation panel designed to develop CRM, flight mode awareness, and situational understanding.

FMS Operation

Experience realistic crew coordination and avionics management with a fully functional automation panel designed to develop CRM, flight mode awareness, and situational understanding.



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1. The Boeing 737-800 Simulator is not FAA approved for type rating training/currency. It is intended as a training aid only.

Pricing & Services

SG-2A AATD - Cessna 172S, G1000

Home/Private Use

\$24,590¹

Commercial Use

\$28,590¹

SG-2B BATD - 35 FAA Approved Panels - C172S - PA-28, PA-28R

Home/Private Use

\$24,590¹

Commercial Use

\$28,590¹

SG-2B BATD + SG-2A AATD

- One simulator, both devices
- Leverage the strengths of each
 - AATD for high FAA credit
 - BATD for targeted training

Home/Private Use

\$27,975¹

Commercial Use

\$32,500¹

1. Taxes, installation, and freight vary based on location/quantities

2. Commercial vs home use pricing difference is due to software licensing restrictions only, no operational differences exist.

SG-2C Add-on options

- Jet trainer (737-800) - \$1,100
- Custom aircraft - \$20- \$3,000³



3. Custom aircraft vary based on type and license requirements, inquire directly about specific models.

Warranty/Service Plan

1 year comprehensive warranty included on all parts/software
1 year service plan included (remote or in-person)