

# Virtual Fly Solo BATD desktop Simulator

## Under \$20,000 with Options

Bob Mitchelson (Mitch)  
 532 Quail Hill Dr.  
 DeBary, Florida 32713  
[mitch@simservices.biz](mailto:mitch@simservices.biz)  
[www.simservices.biz](http://www.simservices.biz)  
 386-748-1900

**The Virtual Fly Model SOLO PRO Aviation Training Device desktop aircraft instrument panel and controls replication. The unit was designed to replicate single engine general aviation aircraft typically used for pilot training.**

**The models selected for the SOLO-PRO design were the following single engine land aircraft:**

- Cessna 172SP
- Cessna 182RG
- Mooney M20M BRAVO

The SOLO-PRO closely represents the overall functionality, performance, avionics, and instrumentation. The platform consists of a cockpit section (instrument panel, table and floor mounted controls), an instructor's control station, visual display system and an audio system. It incorporates a combination of hardware and software components that is assembled and checked by Virtual Fly and Cert Works. All hardware elements are permanently installed and designed so the cockpit has the appearance and feel of an actual aircraft. From the pilot's seated position, there are no computer hardware elements such as keyboards, pointing devices, etc. for his or her use.

The SOLO-PRO provides realistic and true-to-scale cockpit design, avionics, and reliable hardware/software performance. This platform also provides an effective training environment for student and certificated pilots. This includes the capability of practicing scenario based flight training events, simulated equipment failure and emergency procedures, pilot evaluations, instrument procedures/ experience, and facilitating increased pilot proficiency overall.

### TRAINING DEVICE COMPONENTS LIST

The following table provides a list of all components and software used in the VirtualFly SOLO-PRO.

Instrument Panel

Virtual Fly, S.L.

SOLO Flight

Panel

V0.0

Flight instrument panel simulator. Metal construction:

24" LCD Display for indicators and radiostack.

SSD mini PC with SSD (Solid State Drive)

Yoke, Virtual Fly, S.L., YOKO,

Throttle Quadrant, Saitek, Pro Flight,

Rudder Pedals, Precision Flight

System Computer, Dell, Precision, N/A, 1, 8.0 G Memory

64-bit Operating System 500 G Hard Drive NVIDIA Quadro

System Computer, Dell, Precision, 8.0 G Memory

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Instructor Station Display, Standard, requirements: Dimension: 24 Inch.

Sound System, Standard,

Desktop Switch, Standard, 8 Port 10/100 Mbps Software

Main Computer Operating

Microsoft Windows 7 with Service *Flight Simulation Engine Lockheed Martin Prepar3D*

*Instructor Station Software*

*Luis Gordo iStation*

Flight Tracking Mapping

Google Earth

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