



## How Does the F1 Tech 1000 Stack Up to the Competition? See for yourself.

**Before you purchase a G1000 flight training device, do your homework.** Make a list of the scenarios you hope to simulate and the features required. Then compare that list against the features offered in a given solution. Don't be seduced by how a device looks—ask what you can do with it. As you shop around, use this handy checklist to compare different products.

HARDWARE	F1 Tech 1000	Competitor 1	Competitor 2	Competitor 3
<b>Realistic G1000 graphical display units and audio panel, with fully functional buttons and knobs.</b> The F1 Tech 1000 includes PFD, MFD, and audio panel hardware bezels mounted in a 28" vertical desktop stand. It provides the tactile feedback you'd expect from a G1000, so pilots can build muscle memory and minimize negative transfer. Also includes a swing-out "side wing" that can be used to hold approach plates, a tablet, or standby instruments.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Standby instruments.</b> Effective partial panel training requires standby instruments. The F1 Tech 1000 includes software to simulate an Integrated Standby Instrument System (ISIS) that displays attitude, airspeed, altitude, and heading. The ISIS software can be displayed on a small LCD monitor (available separately).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GARMIN G1000 SIMULATION SOFTWARE	F1 Tech 1000	Competitor 1	Competitor 2	Competitor 3
<b>The most realistic and flexible G1000 simulation software available.</b> The heart of the F1 Tech 1000 is Flight1 Aviation Technologies' Garmin G1000 Student Simulator software. This means you'll have:				
<ul style="list-style-type: none"> <li> <b>Updatable navigation data.</b> The G1000 Student Simulator software features an updatable worldwide Navigraph navigation database, so pilots can train using the same nav aids and frequencies they use when they fly for real.               </li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li> <b>A map display that looks just like the real G1000.</b> To minimize negative transfer, the map displays were coded from scratch to look just like the real G1000. They include highways and roads, railroads, cities, state and province boundaries, water body names, and realistic de-cluttering.               </li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li> <b>Obstacles.</b> Obstacle icons are on the map displays, and accurate obstacle alerts and annunciations let you know when you get too close.               </li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li> <b>Terrain.</b> The Terrain Proximity page is simulated, as is the ability to display terrain on the Navigation Map. Terrain alerts and annunciations mirror those on the real G1000.               </li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li> <b>Airways and airway waypoints on the map displays, as well as airways in flight plans.</b> The G1000 makes navigating via airways easy since you don't have to enter all the individual waypoints. The G1000 Student software includes this valuable functionality so pilots can save time and train like they fly.               </li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

GARMIN G1000 SIMULATION SOFTWARE (Continued)	F1 Tech 1000	Competitor 1	Competitor 2	Competitor 3
<ul style="list-style-type: none"> <li>• <b>Departure and arrival procedures.</b> The navigation database includes DPs and STARs that can be incorporated into flight plans.</li> <li>• <b>Glidepath mode (GP) for LPV/WAAS approaches.</b> The simulated GFC 700 AFCS includes Glidepath mode. Pilots can hand-fly more than 3,000 LPV/WAAS approach procedures using the Glidepath Indicator and flight director, or by have the autopilot follow them. Without Glidepath mode, they can't simulate flying LPV approaches at all.</li> <li>• <b>Missed approach procedures.</b> Missed approach functionality is realistically simulated, including Course to Altitude (CA) legs.</li> <li>• <b>Coupled holds and procedure turns.</b> The real GFC 700 can fly course reversals (holds and procedure turns) that are part of an instrument approach. The included GFC 700 simulation models this functionality.</li> <li>• <b>Vertical Navigation (VNAV).</b> Vertical guidance based on specified altitudes at waypoints in the active flight plan, VNV Direct-to, and both manual and autopilot-coupled guidance (VPTH) are simulated. Altitude constraints associated with lateral waypoints can be manually entered, deleted, and followed using Vertical Path Tracking Mode (VPTH).</li> <li>• <b>Multiple aircraft configurations.</b> Aircraft-specific V-speed and Engine Indication System (EIS) displays are included for eight different Cessna and Diamond aircraft, so pilots can train with the aircraft they actually fly.</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>FLIGHT SIMULATION SOFTWARE</b>	<b>F1 Tech 1000</b>	<b>Competitor 1</b>	<b>Competitor 2</b>	<b>Competitor 3</b>
<p><b>A cutting edge flight simulation engine.</b> The F1 Tech 1000 is designed to integrate with Lockheed Martin's Prepar3D® or Microsoft® Flight Simulator X—the same visual simulation platforms used by individual pilots, commercial organizations, militaries, and educational institutions around the world. They're also the most extensible platforms, with hundreds of scenery, weather, aircraft, and utility add-ons that can increase the realism even further.</p> <p>*Must be purchased separately for use with the F1 Tech 1000.</p>	<p>*</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>INSTRUCTOR STATION SOFTWARE</b>	<b>F1 Tech 1000</b>	<b>Competitor 1</b>	<b>Competitor 2</b>	<b>Competitor 3</b>
<p><b>A powerful Instructor Operator Station (IOS).</b> The F1 Tech 1000 is designed to integrate with Flight1 Aviation Technologies' Virtual Instructor Station Pro (VISPRO) software. VISPRO features professional-quality tools for monitoring, instruction, and analysis. VISPRO includes plan, profile, and extended profile views; a flight data recorder with intuitive replay controls; METARS; click-and-drag or ID repositioning; and other tools. An instructor can easily control the simulation's environment as the student flies, change the weather, reposition the student's aircraft, and introduce failures.</p> <p>*Can be purchased separately for use with the F1 Tech 1000.</p>	<p>*</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>Spontaneous, unexpected triggering of failures.</b> The F1 Tech 1000 is designed to integrate with Flight1 Aviation Technologies' G1000 Failures Plug-in for VISPRO. With the plug-in, an instructor can covertly introduce spontaneous G1000 component and LRU failures into a student's training—including the automatic switch to Reversionary mode after a display failure.</p> <p>*Can be purchased separately for use with the F1 Tech 1000.</p>	<p>*</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>PRICE</b>	<b>F1 Tech 1000</b>	<b>Competitor 1</b>	<b>Competitor 2</b>	<b>Competitor 3</b>
<p>*For pricing information, visit <a href="http://flight1tech.com">flight1tech.com</a></p>	<p>*</p>	<p>\$ _____</p>	<p>\$ _____</p>	<p>\$ _____</p>