



GTX MAX Cessna



Introducing the Precision Flight Controls (AKA PFC) **GTX MAX Cessna Advanced Aviation Training Device** (AATD). For decades, Precision Flight Controls (PFC) has set the standard in professional flight simulation. The **GTX MAX Cessna** is a high-fidelity, FAA-approved Advanced Aviation Training Device engineered specifically for basic and advanced training, instrument proficiency, and crew coordination.

Key Benefits

FAA-Approved AATD – Maximizes loggable training time under Parts 61 and 141

- True Single Engine Training – Accurate Flight Model Performance
- All-Metal Cockpit Structure – Commercial-grade durability
- Low Cost of Ownership – Minimal maintenance and high dispatch reliability
- Designed to evolve with avionics and training requirements.
- Small Footprint
- **All three flight models are included!**

Flight Deck Realism

The **GTX MAX Cessna** cockpit replicates the look, feel, and layout of the **Cessna 172, 182 and 206** minimizing negative training transfer and maximizing student confidence.



Avionics and Systems Modeling

The avionics configuration can include genuine Garmin G1000 software with high-quality replica panels, or real Garmin G1000 avionics for customers requiring an even higher level of authenticity.

Systems modeling includes realistic dual-engine failure logic, electrical system operation, fuel system management, environmental systems, and accurate engine-out behavior. This allows pilots to train on normal, abnormal, and emergency procedures in a realistic cockpit environment, while building proper systems understanding, workflow, and decision-making skills.

Visual System

Integrated High-Resolution visual system, including multi-channel and wide field-of-view (220 x 45 degree) configuration optimized for smooth performance and realistic visual cues. World-Wide Visuals and Navigation Aids are included. The **GTX MAX Cessna** uses the X-Plane 12 Professional visual system, delivering improved atmospheric modeling.



Actual Garmin G1000 Software

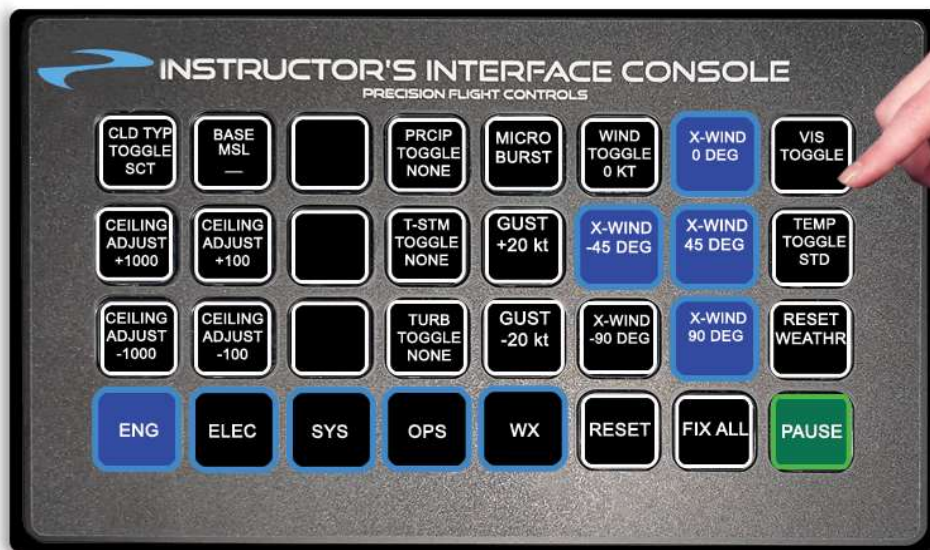
Instructor Operator Station (IOS)

A dedicated Instructor Operator Station allows full control of training scenarios, including repositioning, failures, weather control, and real-time monitoring.

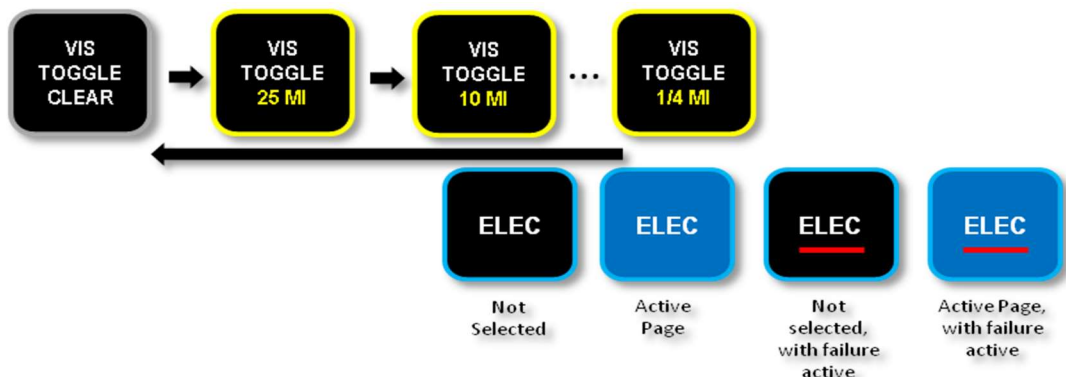


Moving Map Includes:

- Airways
- Terrain (Worldwide Data)
- Airports (Worldwide Data)
- VORs (Worldwide Data)
- IIS (Worldwide Data)
- Glide Path Display
- Airspeed
- Direction
- Altitude
- Instruments
- Re-Positioning
- Weather
- Radio Frequencies
- Airport Information
- Compass Rose/DME/VOR
- Fixes
- Set To Airport
- 3- and 10-Mile Final Approach
- Map Positioning
- Traffic
- Weather
- Failures
- Pause
- Freeze
- Record and Playback



Touch Based IOS Interface, just a slight push to systems, weather and



Lower Total Cost of Ownership

While some simulators cost less upfront, PFC focuses on **long-term value**:

- Fewer repairs
- Longer service life`
- Upgradeable platforms (avionics, visuals, software)

Over time, schools consistently see **lower costs per training hour**.

Real Support from Real Aviation Professionals

Precision Flight Controls does not outsource support to call centers.

You get:

- Knowledgeable technicians
- Direct access to engineers when needed
- Ongoing training and operational support

We understand flight school pressures because we collaborate with them.

You are not just buying a simulator, you are investing in reliability, credibility, and training outcomes!

Built for Flight School Reality

Flight schools need equipment that works every day.

System Features:

- All-metal Cockpit Structure
- Commercial-grade Components
- High Dispatch Reliability
- Low Maintenance Requirements
- 3 Axis Control Loading
- OEM Garmin G1000 Software
- Optional 3-4 or 6DOF Motion systems available



Train Like You Fly. From Day One.

A complete training solution—from first solo to advanced proficiency.

Crafted with **precision engineering**, **real Garmin™ integration**, and a fully **FAA-compliant architecture**, our simulators deliver **uncompromising realism** and measurable **training value**.

Whether you are training a new pilot or refining advanced procedures, this is the platform professional's trust.



Quality and accuracy are essential to effective flight training. Each panel is engineered to closely replicate the form, function, and operational feel of the real aircraft panel, supporting correct switchology, procedural flow, and cockpit habit patterns. Every control, switch, knob, and annunciator is designed with purpose, so pilots train in an environment that feels familiar, professional, and operationally accurate.

All panels are fully backlit to support realistic night, low-light, and instrument training conditions without compromise. We use premium components, including Grayhill encoders and high-quality aircraft-style switches, to provide the proper tactile feedback, durability, and long-term reliability required in a professional training environment.

The result is a higher-quality simulator panel that not only looks the part but performs reliably under repeated daily use.

Why purchase from Precision Flight Controls?

For over 35 years Precision Flight Controls helped flight schools train better pilots, reduce operating costs, increase utilization, and protect long-term investments.

Pricing Starting as Low as:

\$155,495.00



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