



PC-12/45 EFIS



Introducing the Precision Flight Controls (AKA PFC)

PC-12/45 EFIS Advanced Aviation Training Device (AATD). For decades, Precision Flight Controls (PFC) has set the standard in professional flight simulation. The **PC-12/45 EFIS** is a high-fidelity, FAA-approved Advanced Aviation Training Device engineered specifically for advanced training, instrument proficiency and crew coordination.

Key Benefits

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

- True Turbo-Prop 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

Flight Deck Realism

The **PC-12/45 EFIS** cockpit replicates the look, feel, and layout of the **PC-12/45 EFIS**, minimizing negative training transfer and maximizing student confidence.



Avionics & Systems

Avionics configuration includes EFIS Displays, GNS 750 and GNS 650 software and replica panels, Bendix King 325 Autopilot and 340 Audio Panel, Systems modeling includes engine failure logic, electrical, fuel, and environmental systems, and accurate engine-out behavior.

Visual System

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

Instructor Operator Station (IOS)

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

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

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 3-4DOF or 6DOF Motion

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!

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.

Type Specific Flight Deck Eliminates Negative Training



High Resolution Integrated 225 Degree x 45 Degree Panoramax Visual System

Accuracy is critical to effective training. Each panel is designed to precisely replicate the **form and function of the real aircraft panels**, ensuring correct switchology and procedural flow. All panels are **fully backlit**, allowing for realistic **night and low-light operations** without compromise.



Professional Grade Components and Fidelity



Add a 6DOF Motion Base for Additional Realism



Audio Panel



Autopilot



EFIS Panel



Engine
Instrument
Display



Replica GNS 750/650 Avionics
Garmin's™ Software

Professional Grade Components and Fidelity



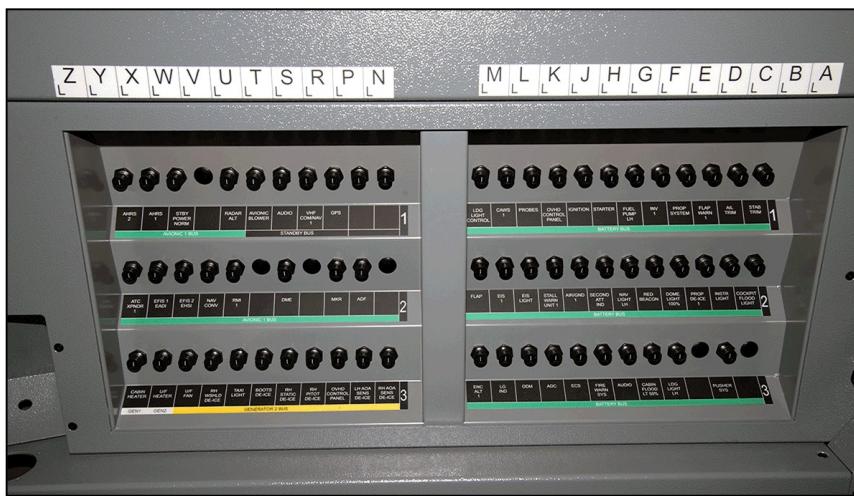
Annunciator Panel EFIS Panel and Radar Panel



Full Featured Throttle Quadrant

Engine Controls

Flaps Lever



Circuit Breaker Panels



Ful Featured PC-12 Yoke



Pressurization Panel



Emergency Fuel, ECS and
Landing Gear Pump



Overhead Panel

Why purchase from Precision Flight Controls?

For over 30 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:

\$395,000.00

Precision Flight Controls, Inc. Rancho Cordova, California www.flypfc.com

<https://www.youtube.com/watch?v=Rd5W74rXEco>



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