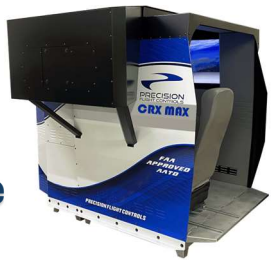
CRX MAX

High-Fidelity Performance. Exceptional Value



Introducing the Precision Flight Controls (PFC) CRX MAX – FAA Approved Advanced Aviation Training Device (AATD)

The **CRX MAX AATD** represents the next generation of cost-effective, professional flight simulation. Designed and manufactured by Precision Flight Controls, Inc., a leader in high-fidelity simulation for more than 30 years, the CRX MAX delivers exceptional training capability without compromising quality, reliability, or regulatory compliance.

FAA-Approved as an **Advanced Aviation Training Device (AATD)**, the CRX MAX is engineered for:

- Primary and advanced flight training
- Instrument proficiency
- Scenario-based training and systems management
- Advanced Avionics training

Built with aircraft-grade components and proprietary PFC technology, the CRX MAX provides a realistic cockpit environment that minimizes negative training transfer and maximizes student confidence. Its modular architecture supports a wide range of avionics configurations, including Garmin-integrated systems, allowing training organizations to match real-world aircraft platforms with precision.

The CRX MAX is not simply an **Affordable Simulator** — it is a professional training platform designed to elevate standards while delivering measurable return on investment.

Key Benefits

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

- Single and Multi- 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

Flight Deck Realism

The CRX MAX cockpit delivers true general aviation realism—replicating the look, feel, and layout pilots expect—building confidence and improving skill transfer from simulator to aircraft.

Standard Avionics Configuration Includes:

- Dual NAV/COM radios
- Bendix/King-style Digital Autopilot
- Altitude pre-selector
- Flight Director system
- Transponder
- **GNS 430w Included**
- ADF
- DME
- Audio Panel/ Altitude Pre-Selector
- Instructor's Controls
- Optional Circuit Breaker Panel

Advanced Avionics Options Include:

- Garmin **GTN 750Xi /GTN 650Xi** Touchscreen Navigator
- Garmin GNS 530w (WAAS-enabled)
- Software-driven avionics with precision replica panels
- Aircraft-quality switches, encoders, and control interfaces for authentic tactile feedback and long-term reliability

All advanced configurations are designed to replicate real-world avionics logic and workflow, minimizing negative training transfer and maximizing procedural accuracy

All systems are available as high-fidelity software implementations or replica panels, delivering aircraft-quality reliability, **tactile feel**, and long-term durability, while minimizing negative training transfer.

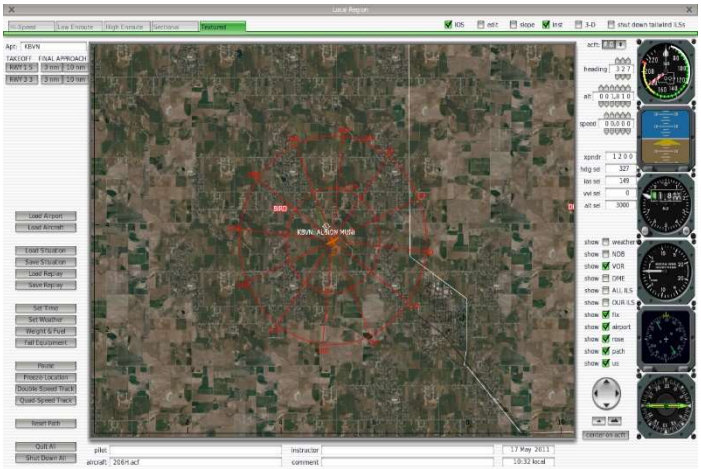
Shown above with Optional GNS 530w and Circuit Breaker Panel

Integrated High-Resolution 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 **CRX MAX** uses the X-Plane 12 Professional visual system, delivering advanced flight dynamics and improved atmospheric modeling.

Instructor Operator Station (IOS)

The integrated Instructor Operator Station (IOS) allows instructors to manage training sessions through aircraft repositioning, insertion of system failures, environmental and weather control, and real-time monitoring of aircraft state and pilot inputs.



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**.

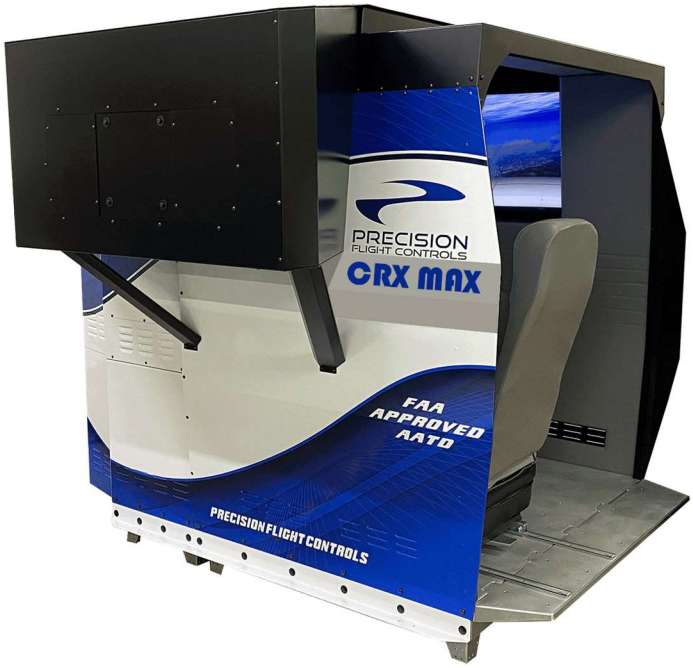
Real Support from Real Aviation Professionals

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

Two Hundred Degree High Resolution Visual System
Perfect for Both VFR and IFR Training

"With a full visual system, maintain proper lateral spacing on downwind using outside visual references—not just instruments. When the runway threshold moves to approximately 45 degrees aft of the wing—clearly visible over your shoulder in the panoramic display—initiate a smooth, coordinated turn to base



Robust Construction

All Aluminum/Steel Construction Enclosure
High Quality Vinyl Wrap Graphics

For enhanced immersion and aerodynamic cueing, the CRX MAX is available with an optional 3- 4-DOF motion platform

Feature Rich Flight Console shown with Optional GTN750Xi and GTN650Xi

High Fidelity/Quality Interfaces

Vernier

Throttle, Prop and Mixture

Vernier

Throttle/Mixture

3-Lever

Throttle, Prop and Mixture

INCLUDED

6-Lever

Throttle, Prop and Mixture

INCLUDED

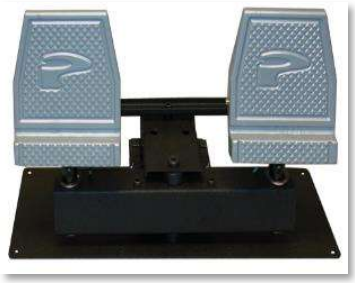
Carbureted

Carb Heat, Throttle and Mixture

Optional Adjustable Desk

4-Way Intercom (Included)

Optional Floor Seat



Rudder Pedals (Included)

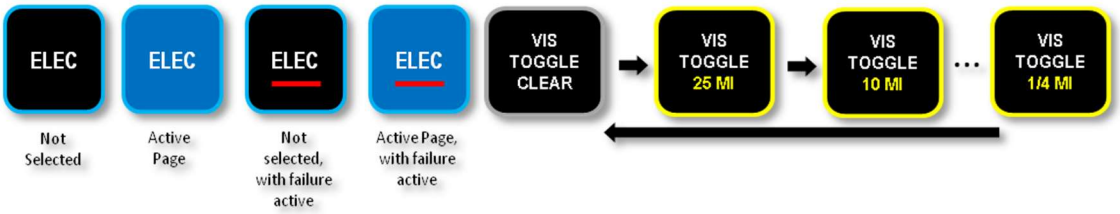
Examples of High-Resolution Analog Panels for Beechcraft, Cessna and Piper

Several Single-Engine Aircraft to choose from:
Beechcraft Bonanza
Beechcraft Bonanza TC
Cessna 172
Cessna182
Cessna 206
Cessna T206H
Cessna 210
Piper Archer
Piper Arrow IV
Arrow IV TC
Piper Arrow TC
Piper Warrior

Several Multi-Engine Aircraft to choose from:
Beechcraft Baron
Beechcraft Duchess
Cessna 414
Cessna 421
Piper Seminole
Piper Seminole TC
Piper Seneca
Piper Seneca V

Note: Custom Aircraft Available

Instructor’s Interface Console

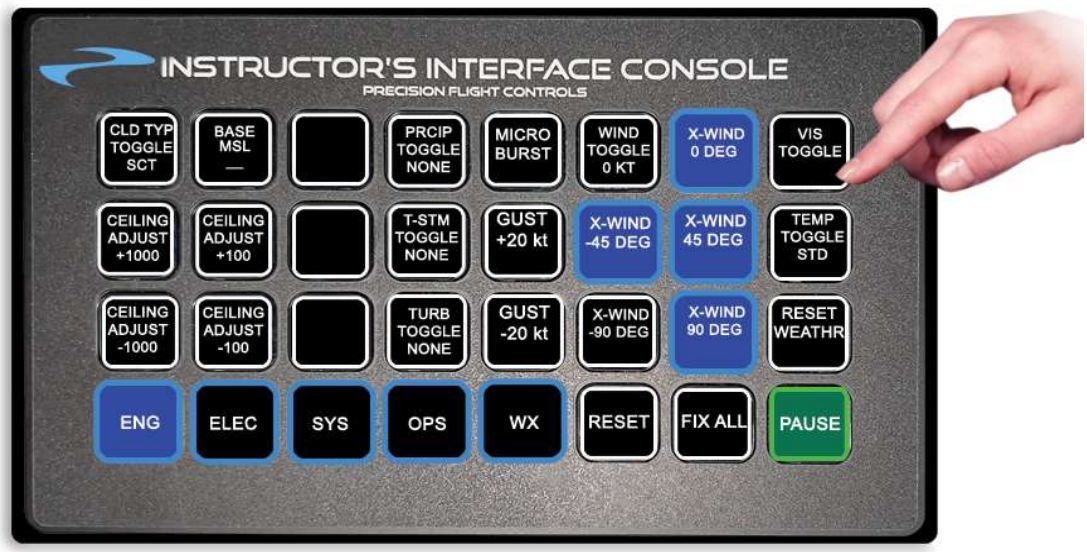


The Instructor's Interface Console is plug and play with a simple USB connection.

You can immediately or pre-set a system failure(s), reposition the airplane, pause the simulation and make weather changes on the fly.

Each tactile button changes color depending on the situation, for example: If you choose to set an engine fire push the Engine Fire Button, (defaulted to **Green** meaning there are no failures selected) once depressed, the button will turn **Red** indicating an Engine Fire has been initiated). You can reset the failure by pushing the button again.

Can be operated from Inside the Flightdeck or outside the Flightdeck at the Instructors Station



Built for Flight School Reality

Flight schools need equipment that works every day.

System Features:

- **3 Axis Control Loading**
- Commercial-grade Components
- High Dispatch Reliability
- Low Maintenance Requirements
- Many Options to fit your training

Multiple Styles of "Accurate" Yokes Available
Control Loading
High Quality Switches for
Elevator Trim, A/P Disconnect, F/D and PTT

Several Yokes types available for Cessna, Beechcraft and Piper
Over 20 Aircraft Flight Models Included
Custom Aircraft Available Upon Request

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.

Why purchase from Precision Flight Controls?

For over 34 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:

$69,995.00

PRECISION
FLIGHT CONTROLS

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