KODIAK 100

Precision Flight Controls Kodiak 100 Type-Specific AATD. A high-fidelity, FAA-approved Advanced Aviation Training Device designed for flight deck familiarization, Garmin® G1000 avionics training, CRM, normal procedures, abnormal procedures, and emergency training. For decades, Precision Flight Controls (PFC) has set the benchmark in professional flight simulation. The PFC Kodiak Simulator continues that tradition as a high-fidelity, FAA-approved Advanced Aviation Training Device (AATD) purpose-built for type-specific training, flight deck familiarization, instrument proficiency, emergency procedures and CRM training.

Designed to closely replicate the operational environment of the Kodiak flight deck, the system incorporates aircraft-specific controls, panels, and systems, including pressurization controls, replica throttle quadrant and center flight console. Together, these elements provide pilots with a highly authentic training environment that reinforces real-world procedures, cockpit workflow, aircraft-specific operational familiarity and CRM.


PRECISION
FLIGHT CONTROLS
PRECISION
FLIGHT CONTROLS


STALL
WARNING
PRESS TO TEST
OVERSPEED
GOVERNOR
PRESS TO TEST
INTERCOM
MIC
PHONE
KNOTS
AIRSPEED


LIGHTS
BEACON
ON
STROBE
ON
NAV
ON
LANDING
ON
TAXI
ON
CABIN
ON
INTERIOR
INSTRUMENT
SWITCH/CB
PANEL
OFF
PULSE
NORM
ICE PROTECTION
ENG INLET
BYPASS
OVERRIDE
BYPASS
NORMAL
PITOT
HEAT
L
R
ON
Approach Speed
Wt (lbs)
7190
6940
6690
6540
6390
6240
6090
Spd (kts)
76
75
74
73
72
71
70
Wt (lbs)
5940
5790
5640
5490
5340
5190
5040
Spd (kts)
69
68
67
66
65
64
63


TURN PULSE LIGHTS OFF
WHEN UTILIZING STORM SCOPE
PARKING
BRAKE
PUSH BUTTON
& PULL TO SET
PRK
BRK
LIGHTS
BEACON
ON
STROBE
ON
NAV
ON
LANDING
ON
TAXI
ON
CABIN
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Authentic G1000 Software for Precise Operations

Avionics utilizes actual Garmin® software, providing authentic system logic, interface behavior, and operational functionality consistent with the real aircraft avionics suite. This allows pilots to train with realistic buttonology, menu structure, flight planning, navigation management, communication procedures, and system interaction.

The avionics environment supports accurate use of primary and multifunction displays, GPS navigation, flight plan entry and modification, waypoint sequencing, map functions, radio tuning, transponder operation, traffic and terrain awareness displays, approach loading, and instrument procedure management.

This level of fidelity helps reinforce proper cockpit workflow, avionics familiarity, checklist discipline, and real-world decision-making.

By using Garmin-based software rather than a generic display simulation, the system provides more authentic training experience and helps reduce the risk of negative training transfer. Pilots can practice normal, abnormal, and emergency procedures in an avionics environment that closely reflects what they will see and operate in the aircraft.

Key Benefits :

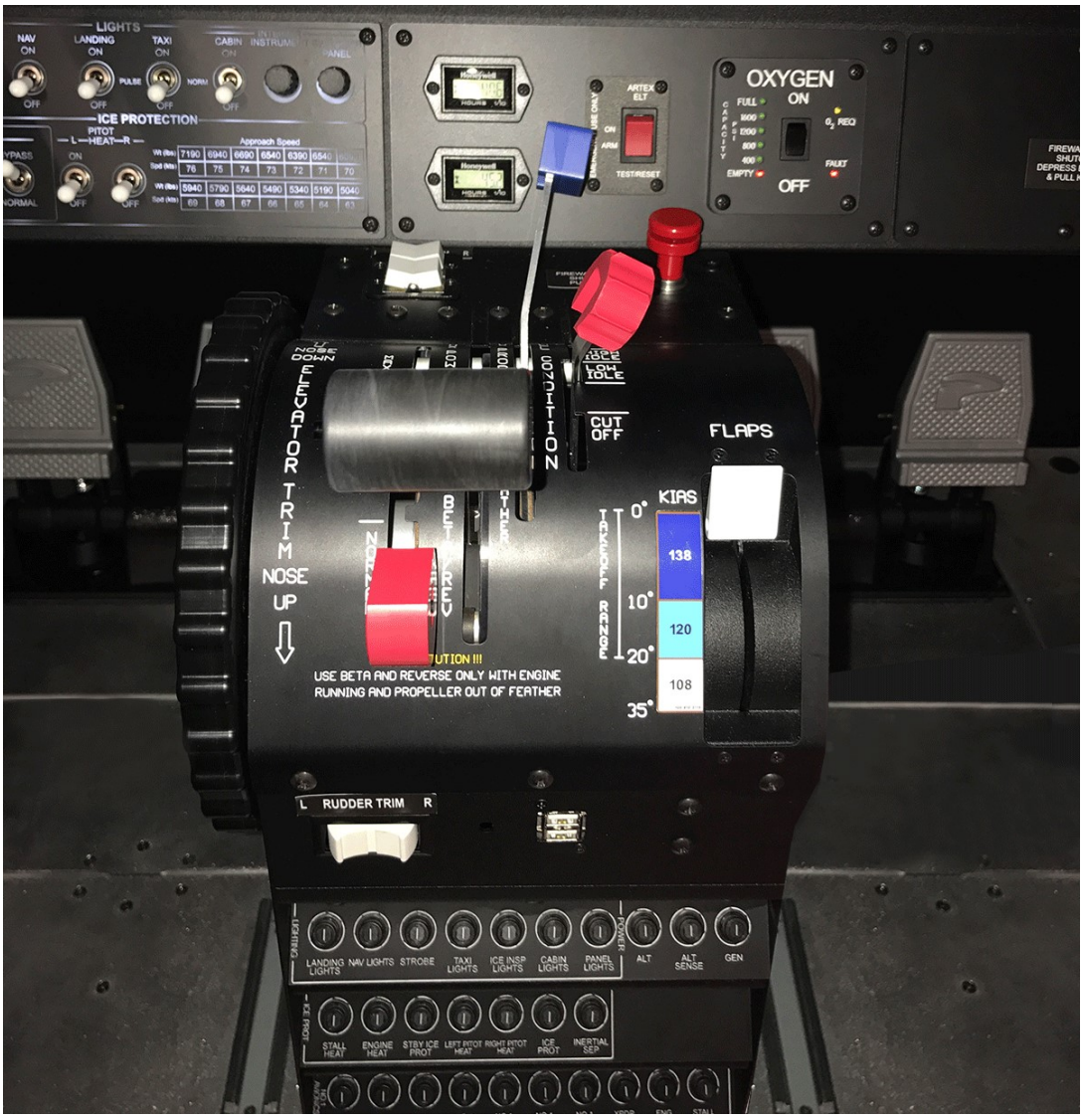
“FAA-approved AATD - Supports applicable training credit under Parts 61 and 141 when used in accordance with FAA regulations, LOA provisions, and approved training program requirements.”

- 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 Kodiak flightdeck delivers true general aviation realism—replicating the look, feel, and layout pilots expect—building confidence and improving skill transfer from simulator to aircraft.

Each panel is meticulously re-created for proper placement ,feel and system operations. All panels are backlit for night operations.



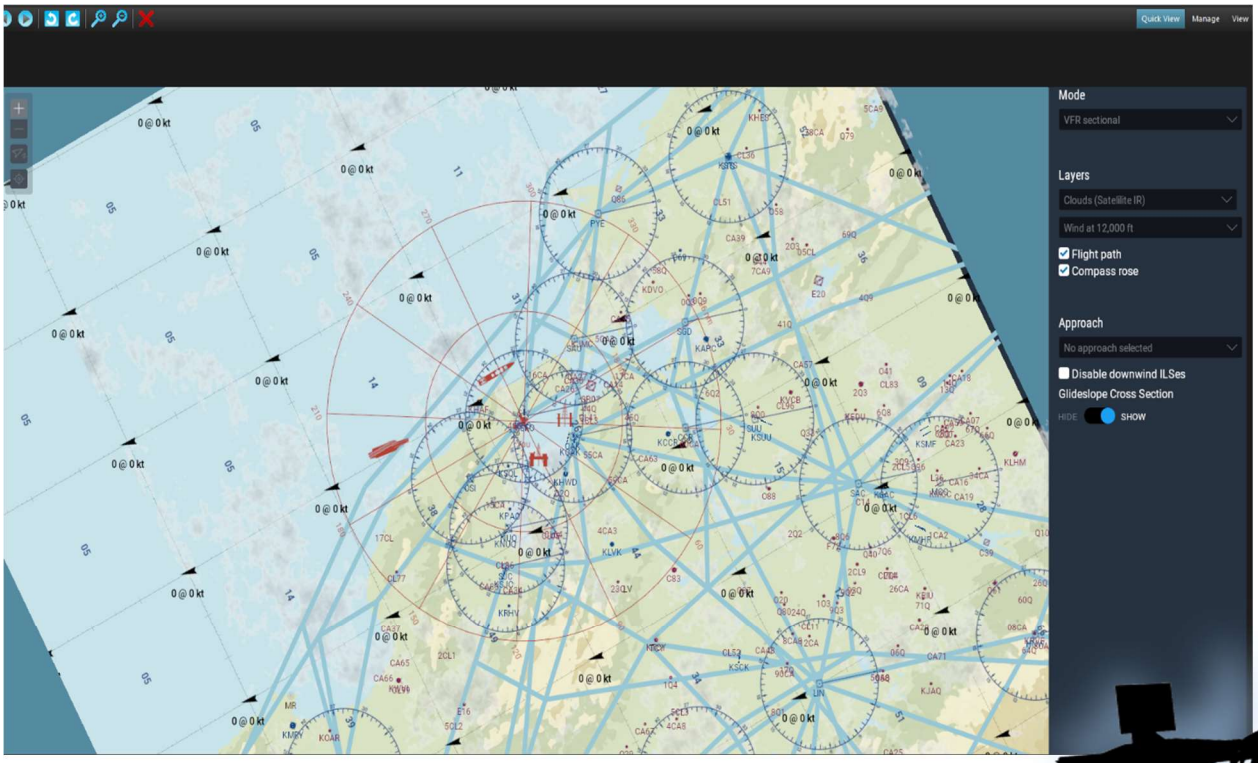
Flight Deck Pictures

Because of the accuracy of our flight model and high-resolution visual system, pilots can safely practice a wide range of training scenarios including night landings, upset recovery, unusual attitude recovery, circling approaches, and numerous emergency procedures.

Integrated High-Resolution 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. Worldwide Visuals and Navigation Aids are included. The **Kodiak** uses the X-Plane 12 Professional visual system, delivering advanced flight dynamics and improved atmospheric modeling. Custom scenery is available!

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.



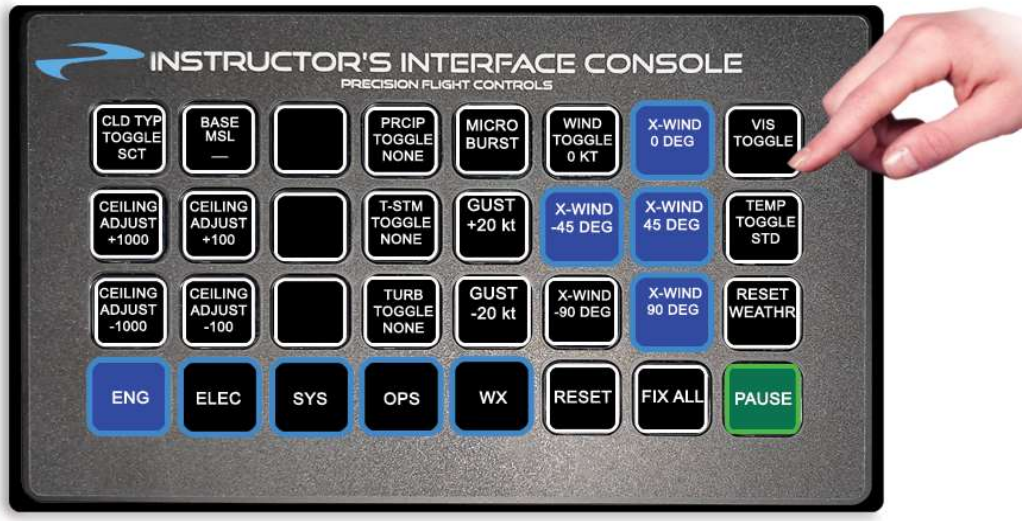
Investing to save time and money!

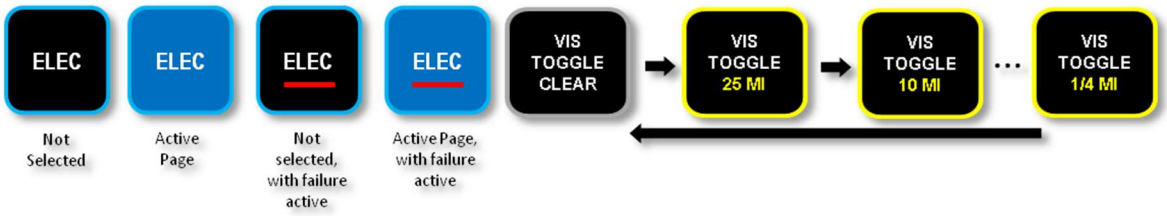
Depending on fuel prices, utilization, maintenance reserves, insurance, hangar, and crew assumptions, the Daher Kodiak 100 can cost approximately $750 to $1,800 per flight hour to operate. A high-fidelity simulator provides operators with a cost-effective way to conduct flight deck familiarization, avionics training, CRM, normal procedures, and emergency procedure training while reducing aircraft operating expense, fuel burn, maintenance exposure, and aircraft downtime.

QUALITY SIMULATION = POSITIVE TRAINING RESULTS

Instructor Interface Console (IIC)

Touch Based IOS Interface





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

Motion Systems

3 -4 Axis DOF Motion System:
Provides realistic pitch, roll, heave, and yaw effects utilizing advanced washout algorithms to deliver smooth, natural motion cueing while maintaining simulator envelope limits.

6 DOF 6 - Axis Motion System:
Adds full-axis motion capability, providing pitch, roll, heave, yaw, surge, and sway for maximum realism and enhanced vestibular cueing during complex flight maneuvers, turbulence, and runway operations.

Motion and Cueing Effects Include:
Stall buffet, parasitic drag response, flap deployment cues, landing gear extension effects, turbulence modeling, runway surface texture feedback, engine vibration simulation, and realistic acceleration and deceleration forces and more……

6 DOF Motion

3-4 DOF Motion Platform

Whether you choose our 3–4 DOF or full 6DOF motion system, the added realism significantly enhances the training experience by providing accurate motion cues that replicate parasitic drag, ground textures, pitch, roll, yaw, heave and acceleration forces—helping pilots better sense aircraft attitude, control inputs, and flight dynamics during maneuvers, approaches, and emergency procedures

Our high-resolution instrument displays provide exceptional clarity, responsiveness, and remote-control capability for instructor-driven training scenarios. The display architecture is fully modular and interchangeable, allowing seamless integration with our precision-machined, instrument panels. Each panel configuration reflects the actual layout, functionality, and workflow commonly found in the Kodiak 100 minimizing negative training transfer and reinforcing flightdeck familiarity. All panels are constructed using high-quality, aviation-grade switches and components to ensure proper tactile feel, durability, and long service life. Backlit legends and annunciators are standard, enabling effective night and low-visibility training operations.

Garmin® Avionics = One Hundred % Software Accuracy

Features Include: Synthetic Vision, Safe Taxi, TCAS, SafeTaxi® and Runway Advisory and Alerting Features

“The system is ready for georeferenced moving-map integration with compatible applications such as ForeFlight or Jeppesen, subject to applicable subscriptions, licensing, and configuration requirements.”

JEPPESEN
A BOEING COMPANY

ForeFlight
Intelligent Apps for Pilots

ForeFlight provides access to a full library of current VFR, IFR, TAC, area, and gulf charts. All charts are elegantly projected onto a 3D representation of the world, and charts of the same type are interweaved into a seamless single map - no more fumbling with paper in the cockpit. The system is ready for Geo Reference Connectivity to your moving map software!

Live ATC
via Pilotedge
pilotedge.net

Stay Current and Maintain Proficiency

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.

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 DOF or 6DOF Motion**
- **Many Options to fit your training Requirements**

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!

Summary

- **FAA-approved AATD**
- **Kodiak 100 type-specific cockpit layout**
- **Garmin® G1000 software**
- **Replica throttle quadrant and center console**
- **Pressurization controls**
- **Backlit panels**
- **3-axis control loading**
- **220° x 45° visual system**
- **X-Plane 12 Professional**
- **IOS and IIC instructor tools**
- **Optional 3-4 DOF or 6DOF motion**
- **Optional PilotEdge / live ATC compatibility**
- **ForeFlight / Jeppesen georeferenced moving-map readiness**

Why purchase from Precision Flight Controls?

While some simulators may cost less upfront, PFC focuses on long-term value, durability, and overall cost of ownership.

Our systems are designed to provide:

- Fewer repairs
- Longer service life
- Upgradeable, visuals, software, and system enhancements
- Reduced downtime
- Reliable performance in high-use training environments

Over time, flight schools and training organizations can realize a lower cost per training hour through improved reliability, reduced maintenance, and a simulator platform that can evolve with their training requirements.

Real Support from Real Aviation Professionals

Precision Flight Controls does not outsource support to a call center. When you work with PFC, you receive direct support from people who understand aviation, simulation, and training operations.

Our support includes:

- Knowledgeable technicians
- Direct access to engineers when needed
- Ongoing operational and technical support
- Product training and system familiarization
- Practical guidance from professionals who understand real-world flight training

PFC is committed to supporting customers long after delivery, helping ensure each simulator continues to perform reliably and deliver meaningful training value for years to come.

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:

$375,000

PRECISION FLIGHT CONTROLS

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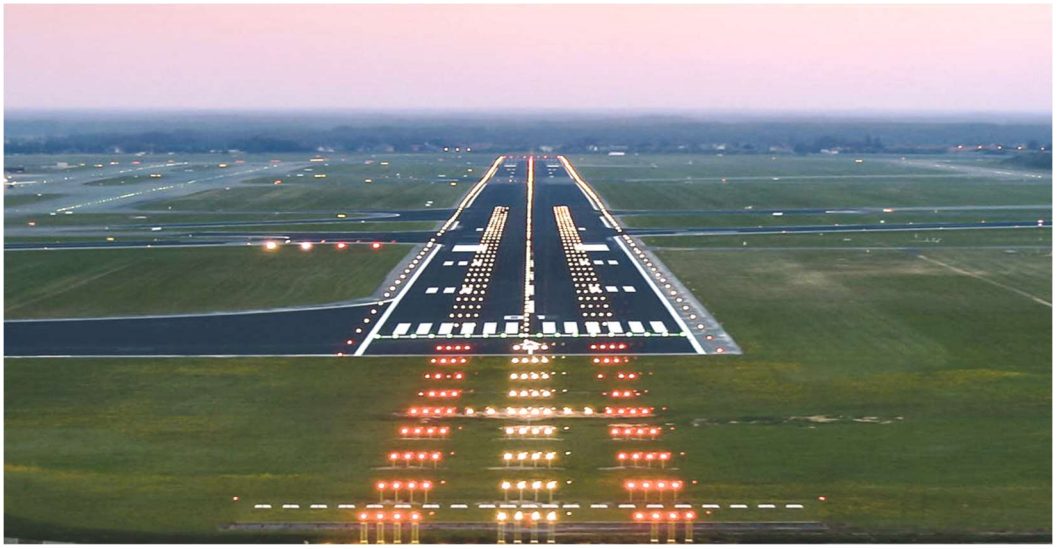
GARMIN AUTHORIZED DEALER



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