Piper Seminole

FLIGHT SIMULATION TRAINING DEVICE

FEATURED TECHNOLOGY & BENEFITS

Actual Garmin G1000 NXi

Hardware and software operates and functions exactly like the aircraft for maximum transfer of learning.

Flight Deck

Accurate representation of the aircraft with operational knobs and switches in their correct positions, and a fiberglass shell that is similar in size and shape as the actual aircraft for a realistic learning environment.

Flight / Aerodynamics Model

Based on actual aircraft flight test data. Enables students to transfer a greater amount of learning from the training device to the aircraft.

Active Control Loading

Pressures on all flight controls change with airspeed and configuration to provide the pilot with realistic feedback on the controls just like when flying the actual aircraft.

Visual Display

Wrap-around, 220° horizontal x 57° vertical view outside the simulated aircraft of smoothly moving landscape, structures and sky creates the illusion and feeling of actually flying.

For more information about our product line, contact us today.

FRASCA.COM
info@frasca.com ▪ 217.344.9200

FRASCA
FLIGHT SIMULATION

» Real Garmin G1000 NXi Hardware & Software

(1) GDU-1050 for PFD and (1) GDU-1054 for MFD
System Software Version 2694.01
SafeTaxi and FliteCharts

» Simulated Components

Garmin GFC-700 Integrated Autopilot
GMA-1347 Audio Panel w/Marker Beacon/Intercom
GTX-335R Transponder-Mode S w-TIS
GIA-63W NAV/COM/GPS/WAAS w/GS #1
GIA-63W NAV/COM/GPS/WAAS w/GS #2
GEA-71 Engine/Airframe computer
GSU-75 Air Data, Attitude & Heading Reference System
GMU-44 Magnetometer
King KN-63 DME
Aspen EFD1000 Standby Flight Instrument

» Engine & Propeller Modeling

(2) Lycoming IO-360-A1H6
(2) Hartzell 2-blade, constant speed, full feathering

» Navigation Databases

Regional Jeppesen database for G1000
World-wide Jeppesen database for Visual, Host & IOS
G1000 update procedures same as actual aircraft

» Circuit Breakers

All circuit breakers are installed, some associated with emergency procedures may be "tripped" so the associated equipment becomes inoperative

» Instructor Operator Station

FRASCA's exclusive Simplicity™ IOS
2 Touch Screens on desk
Scenario Building Tool
Maintenance and Calibration Tools

» Visual System Databases

Worldwide runways accurately placed for over 10,000 airfields with representative surface types, markings, and lighting
Taxiway layouts (including markings and signage), windsocks, and aprons for many airfields
Worldwide terrain elevation and imagery, ocean coastlines, major roads, major railroads, and major powerlines

» Sound System

A multi-channel amplifier boosts sounds recorded from the actual aircraft to several speakers placed throughout the cockpit
Headset jacks for Pilot, Copilot and Instructor allow communications

» 2 Year Warranty

Includes replacement or repair of defective parts, technical support, and remote diagnostics
Extended Warranty packages available

» Approval

Approved as FAA AATD
Other approval levels available per options

PIPER SEMINOLE AATD PRICE, EQUIPPED PER ABOVE ... $290,000.00

Does not include costs for shipping and installation

OPTIONS PRICING

Option	Price
Garmin Enhanced Situational Awareness Package - Includes Synthetic Vision, Terrain Awareness and Warning System (TAWS-B), and ChartView with Jeppesen's Electronic Approach Plates	$26,000.00
EASA FNPT II or TC/CAAC/JCAB Level 5 FTD approval. Includes MQTG and on-site assistance during initial inspection. The "Operator" must fulfill all other responsibilities, including all costs, required by National Aviation Authority	$32,000.00
Motion Cueing System, High-Fidelity	CALL FOR PRICE
Upgrade Visuals to Laser Projectors, from Lamp-Based Projectors	$30,000.00
Upgrade Visuals to Spherical Screen, from Cylindrical Screen - Includes Laser Projectors	$53,000.00
ADF, simulated King KR87	$9,000.00
Instructor's Cab, semi-enclosed	$13,000.00

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