CESSNA 172
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.
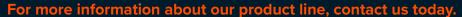
Active Control Loading

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.

Laser-hybrid Projectors provide high quality image with significantly lower maintenance costs.

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

FRASCA.COM
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FRASCA
A FLIGHTSAFETY INTERNATIONAL COMPANY

Real Garmin G1000 NXi Hardware & Software

» (2) GDU-1050 for PFD & MFD
» System Software Version 2501.12
» SafeTaxi and FliteCharts

Simulated Components

» GMA-1360 Audio Panel w/Marker Beacon/Intercom
» GTX-335R Transponder-Mode S w-TIS
» GIA-64W NAV/COM/GPS/WAAS w/GS #1
» GIA-64W NAV/COM/GPS/WAAS w/GS #2
» GEA-71B Engine/Airframe computer
» GSU-75 Air Data, Attitude & Heading Reference System
» GMU-44 Magnetometer
» King KN-63 DME
» Garmin GI-275 Standby Flight Instrument

Engine & Propeller Modeling

» Lycoming IO-360-L2A
» McCauley 2-blade, fixed pitch

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

CESSNA 172 AATD PRICE, EQUIPPED PER ABOVE	**$339,000.00**
Does not include costs for shipping and installation	Options Pricing
Garmin GFC-700 Integrated Autopilot Includes Electric Trim & Electronic Stability Protection and Under Speed Protection (replaces GDU-1050 with GDU-1054B's)	**$17,000.00**
Garmin Enhanced Situational Awareness Package Includes Synthetic Vision, Terrain Awareness and Warning System (TAWS-B), and ChartView with Jeppesen's Electronic Approach Plates	**$33,500.00**
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	**$73,500.00**
Motion Cueing System, High-Fidelity	**Call For Price**
Upgrade Standard Visual Display to Larger Spherical Screen with High Fidelity Laser-hybrid Projectors	**$67,250.00**
Compact Visual System Replaces 3 projectors and large screen with 3 70" UHD TVs to fit within smaller rooms	**Call For Price**
ADF, simulated King KR87	**$11,500.00**
Instructor's Cab, semi-enclosed	**$16,250.00**
Angle of Attack Indicator	**$6,000.00**