

# DIAMOND DA40 NG

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

- » (1) GDU-1050 for PFD and (1) GDU-1055 for MFD
- » System Software Version 1929.01
- » SafeTaxi and FliteCharts

## Simulated Components

- » GFC-700 Integrated Autopilot
- » GMA-1360 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
- » GDC-72 Air Data Computer
- » GRS-79 Attitude & Heading Reference System
- » GMU-44 Magnetometer
- » King KN-63 DME

## Engine & Propeller Modeling

- » Austro AE300
- » MT MTV-6-R, 3-blade, constant speed

## 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

## DIAMOND DA40 NG AATD PRICE, EQUIPPED PER ABOVE

**\$322,000.00**

Does not include costs for shipping and installation

[Options Pricing](#)

Garmin Enhanced Situational Awareness Package

Includes Synthetic Vision, Terrain Awareness and Warning System (TAWS-B), and ChartView with Jeppesen's Electronic Approach Plates

**\$32,500.00**

FAA Level 5 FTD approval

Includes MQTG and on-site assistance during initial inspection

**\$32,250.00**

Motion Cueing System, High-Fidelity

**Call For Price**

Upgrade Standard Visual Display to Larger Spherical Screen with High Fidelity Laser-hybrid Projectors

**\$63,500.00**

Compact Visual System

Replaces 3 projectors and large screen with 3 70" UHD TVs to fit within smaller rooms

**Call For Price**

Instructor's Cab, semi-enclosed

**\$15,250.00**

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