

# ***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.

***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-1055 for MFD  
System Software Version 1929.01  
SafeTaxi and FliteCharts

## » Simulated Components

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

## » 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 ... \$245,000.00**

*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

**\$25,000.00**

FAA Level 5 FTD approval  
Includes MQTG and on-site assistance during initial inspection

**\$25,000.00**

Motion Cueing System, High-Fidelity

**CALL FOR PRICE**

Upgrade Visuals to Laser Projectors, from Lamp-Based Projectors

**\$28,000.00**

Upgrade Visuals to Spherical Screen, from Cylindrical Screen  
Includes Laser Projectors

**\$50,000.00**

Instructor's Cab, semi-enclosed

**\$12,000.00**

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