VIRTUAL-FLY / FAA AATD

SOLO PRO D4

Diamond DA40XLT Advanced Aviation Training Device ·
Garmin G1000

The affordable AATD built for your flight school's busiest day.

THE ALL-IN-ONE GLASS COCKPIT AATD

Built to one aircraft. Down to the switch.

An FAA Advanced Aviation Training Device with a genuine 1:1 Garmin G1000 panel, engineered specifically around the Diamond DA40XLT — not a generic glass cockpit adapted to fit.

01

Log approved hours toward the rating

Private, instrument, and commercial procedural work count under Part 61/141 per your school's FAA LOA.

02

Train the real DA40XLT flow

Side-stick, center throttle quadrant, and standby gauges positioned exactly as in the aircraft — procedures transfer directly.

03

Train any day, any weather

On-demand availability with zero weather cancellations — more syllabus hours completed, sooner.

WHAT FAA AATD CERTIFICATION UNLOCKS

Six ways it pays for your school.

Versatile, loggable training

Log hours toward Private Pilot, Instrument Rating, Commercial Pilot License, and ATP — one device across the full syllabus.

Instrument currency & proficiency

Maintain instrument currency and complete Instrument Proficiency Checks without booking the aircraft.

Lower cost per training hour

AATD training is more affordable than the real aircraft — accessible for both pilots and the school.

High-fidelity realism

A realistic simulation that closely mirrors real aircraft performance, so training quality holds up.

Train through any weather

Fly the syllabus when the aircraft can't — any weather, any time, fully flexible scheduling.

Higher ROI for your fleet

AATD-certified simulators support enrollment and higher rental rates — stronger revenue and ROI.

LOGGABLE CREDIT BY CERTIFICATE

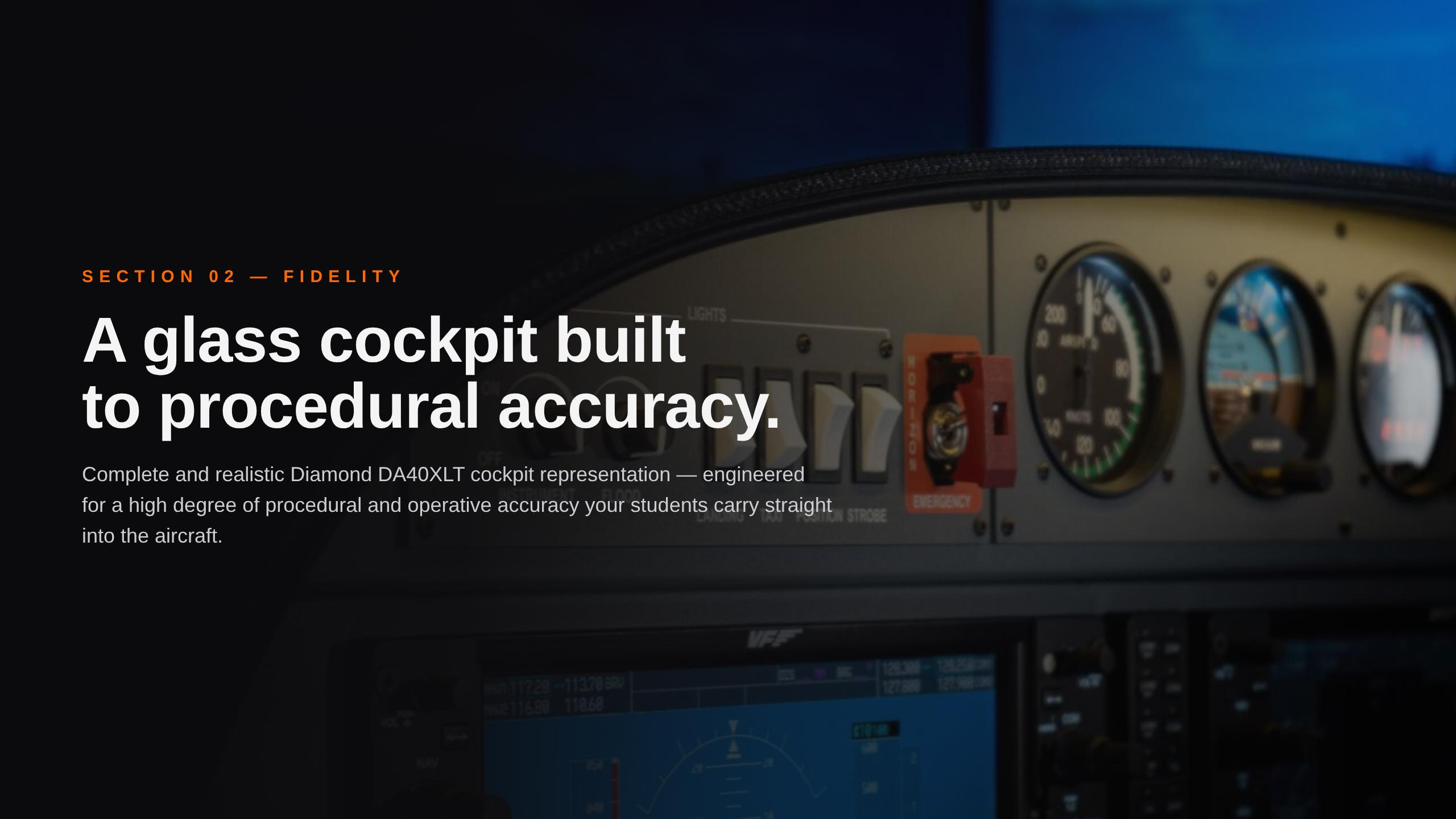
FAA AATD APPROVED

Approved sim hours toward every rating.

Both | Part 61 | Part 141

CERTIFICATE / TASK	PART 61	PART 141
Private Pilot (PPL)	2.5	5.25
Instrument Rating (IR)	20	14
Combined PPL & IR	20	17.5
Commercial Pilot (CPL)	50	24
Flight Instructor (CFI)	—	1.25
Instrument Instructor (CFI-I)	—	0.75
Airline Transport (ATP)	25	6.25
Instrument Currency	✓	✓
Instrument Proficiency Check	✓	✓

Maximum AATD hours creditable per certificate — actual credit per your school's FAA Letter of Authorization (LOA). ✓ = device approved for the task.



SECTION 02 — FIDELITY

A glass cockpit built to procedural accuracy.

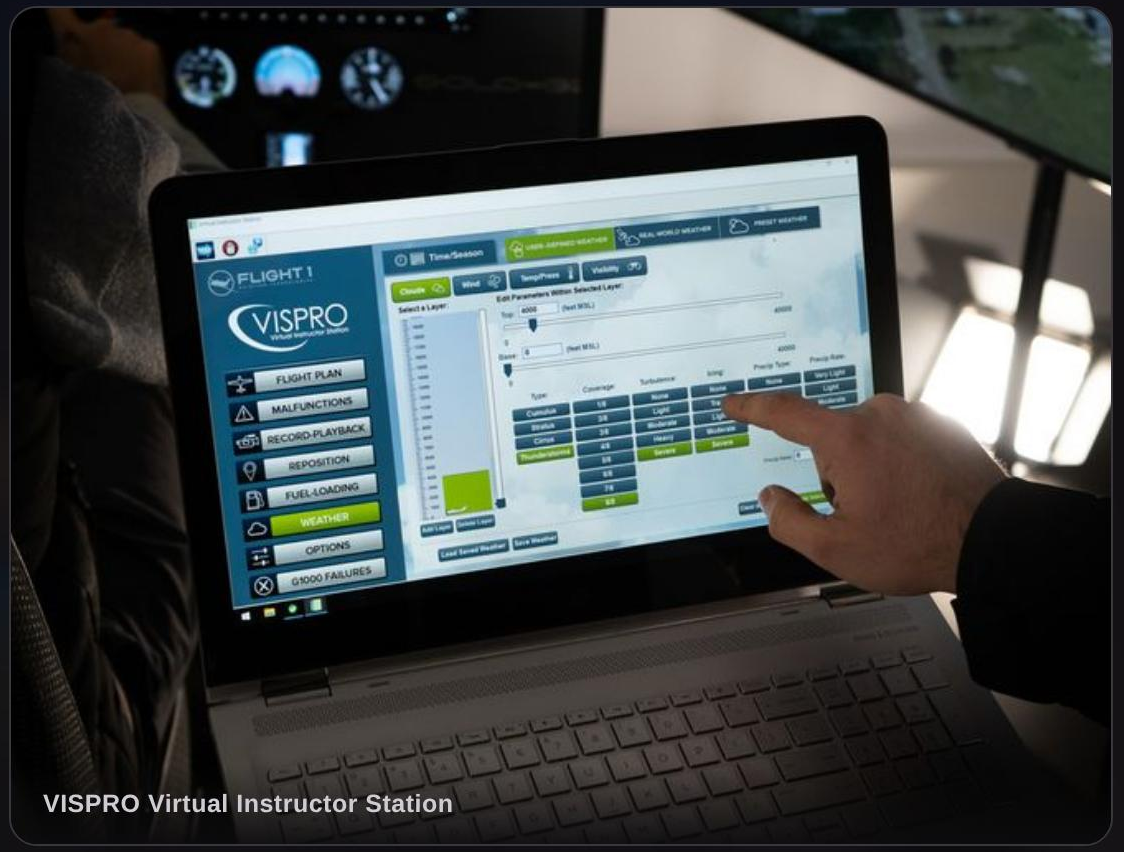
Complete and realistic Diamond DA40XLT cockpit representation — engineered for a high degree of procedural and operative accuracy your students carry straight into the aircraft.

INSTRUCTOR STATION

One laptop. Every scenario, in real time.

VISPRO independent instructor software controls the full training environment — from a laptop, without touching the aircraft controls.

- **Real-time weather & repositioning**
  Change weather layers, cloud coverage, icing, and visibility, or reposition the aircraft to any location — instantly.
- **Failures on demand**
  Arm avionics and systems malfunctions from the instructor station for repeatable, gradable scenarios.
- **Flight plans, fuel & playback**
  Load flight plans and fuel states, then record and play back the session for debrief.



VISPRO Virtual Instructor Station

CUTTING-EDGE AVIONICS

Full Garmin G1000. Aircraft-accurate autopilot.

- **Full G1000 PFD & MFD suite**
  The complete Garmin G1000 avionics suite, faithfully replicated across PFD and MFD.
- **GFC 700 autopilot & flight director**
  Aircraft-accurate autopilot and flight director behavior — train real IFR procedures, not an approximation.
- **Backup standby gauges**
  Independent airspeed, attitude, and altitude standby gauges for partial-panel and instrument-failure training.

Garmin G1000 PFD / MFD · SOLO PRO D4

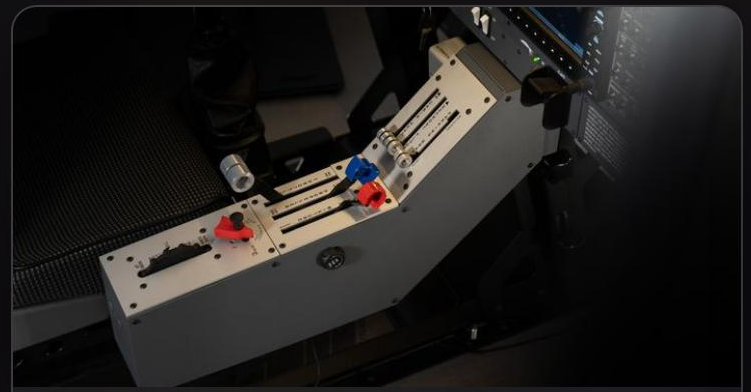
PROFESSIONAL FLIGHT CONTROLS

Every control matches the real aircraft.

DIAMOND STICK

Aircraft-accurate flight stick

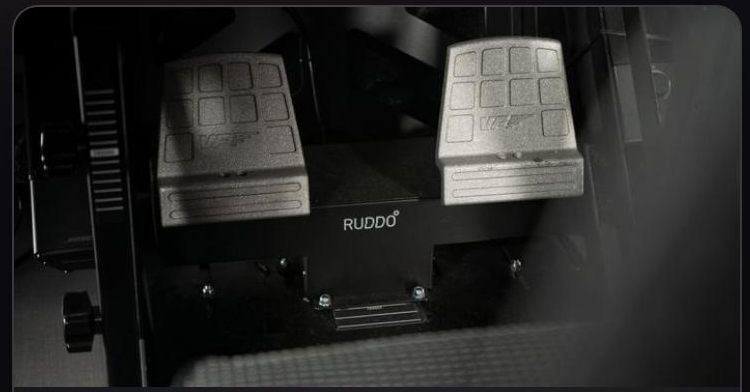
Diamond aircraft flight stick replica with PTT and trim buttons — precisely mirrors the DA40XLT's side-stick control feel.



THROTTLE QUADRANT

Adjustable-feel throttle quadrant

Throttle, prop, and mixture levers with independently adjustable resistance on each lever — matched to the DA40XLT's center console.



RUDDO+

Rudder pedals w/ diff. brakes

Pressure sensors on the differential brakes for authentic rudder and braking feel on every landing.

TRUSTED BY FLIGHT SCHOOLS AND UNIVERSITIES

Middle Tennessee State University | **Cypress College** | **Mercer County Community College** | **EAA**

> *MTSU University has a large fleet of Diamond Aircraft and therefore we needed an affordable DA40 simulator. After searching different options we concluded that Virtual Fly was the best quality-price option.*

MTSU Representative
Middle Tennessee State University

> *We needed a flight sim lab to continue the quality education we offer, and these certified devices were exactly what the university was looking for.*

Ed Valdez
Airliner Pilot & Aviation Program Director, Cypress College

TAILORED TO YOUR FLIGHT SCHOOL

A device built for your syllabus.

Built for daily use

Heavy-duty metal hardware and a realistic G1000 panel — engineered for a school's busiest training day.

8–10 week lead time

Installed on-site by Virtual-Fly technicians — ready to fly, FAA checklist included, in about 2 days.

3-year warranty

Full 3-year warranty backed by a dedicated support team.

Mon–Fri support, weekend on request

Most issues solved in under an hour by remote connection; weekend coverage available on request.

Let's build the right configuration for your fleet.

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