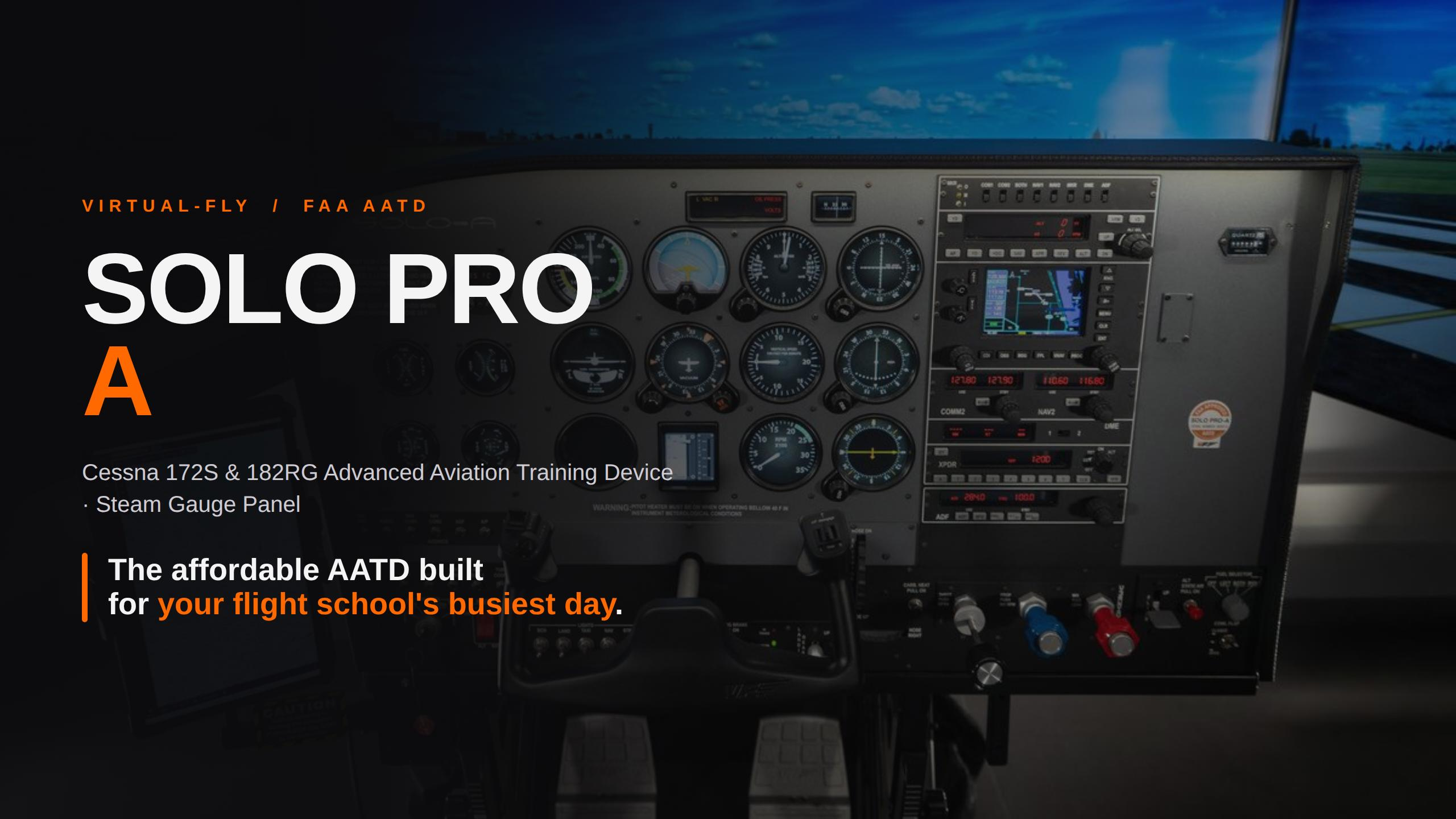


VIRTUAL-FLY / FAA AATD

SOLO PRO A

Cessna 172S & 182RG Advanced Aviation Training Device
· Steam Gauge Panel

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

THE ALL-IN-ONE ANALOG AATD

One panel. Two aircraft. Full FAA credit.

An FAA Advanced Aviation Training Device with a genuine 1:1 analog steam-gauge panel — students train Cessna 172S and 182RG procedures on the same device, logging hours toward real certificates from day one.

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

Fly two aircraft, one device

Elements unique to the C182RG stay inactive when flying the C172S — one panel, two type-accurate configurations.

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

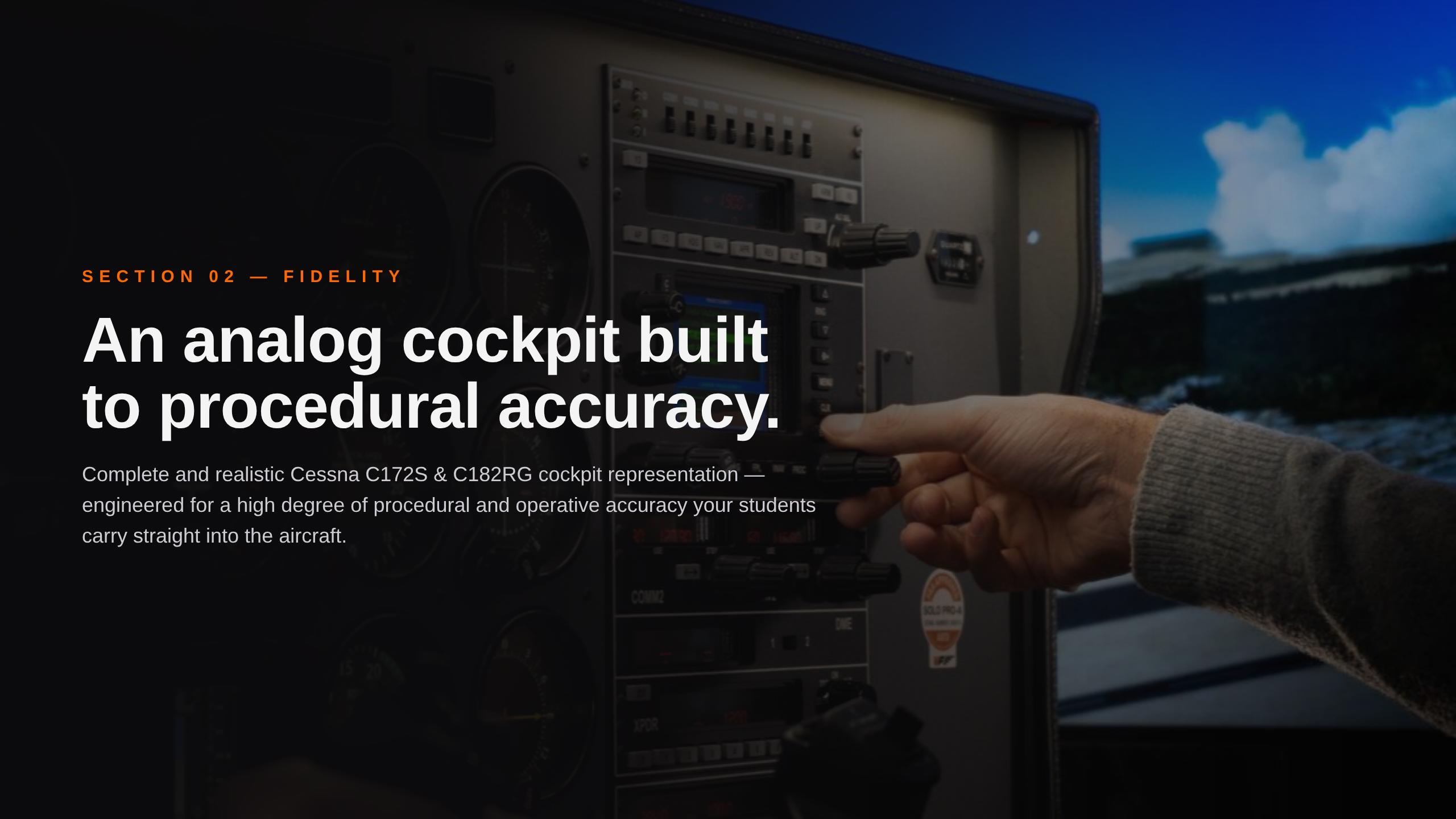
FAA AATD APPROVED

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

An analog cockpit built to procedural accuracy.

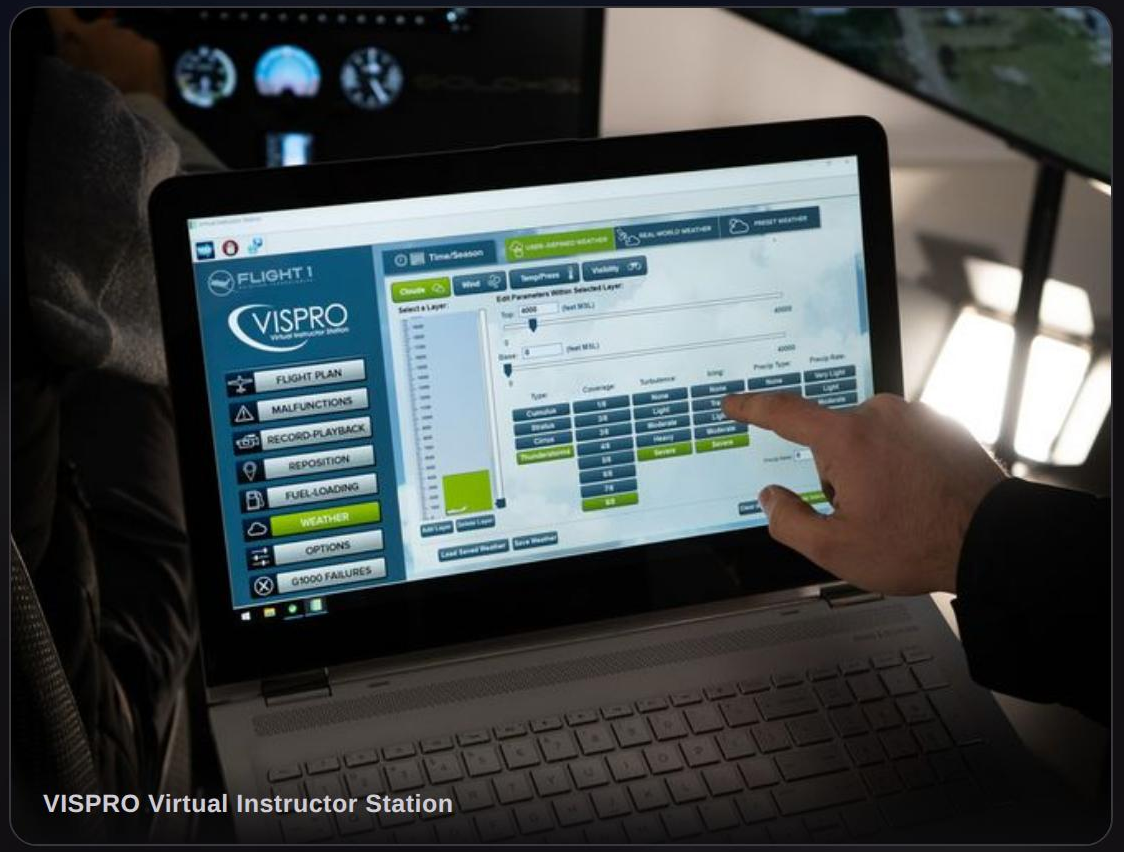
Complete and realistic Cessna C172S & C182RG cockpit representation — engineered for a high degree of procedural and operative accuracy your students carry straight into the aircraft.

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

GNS 530 AVIONICS

Full GPS & radiostack. Real IFR procedures.

- **Garmin GNS 530 GPS**
  Full GPS navigation system, faithfully replicated for real-world IFR flight planning and approaches.
- **Complete radiostack**
  Autopilot, COMM, NAV, ADF and XPDR modules — the full analog radio stack, switch for switch.
- **Authentic steam-gauge instruments**
  Airspeed, attitude, altitude, turn coordinator, heading, and VSI — the exact scan your students fly in the aircraft.



Analog instrument panel · SOLO PRO A

PROFESSIONAL FLIGHT CONTROLS

Every control matches the real aircraft.



YOKO+

Metal aircraft yoke

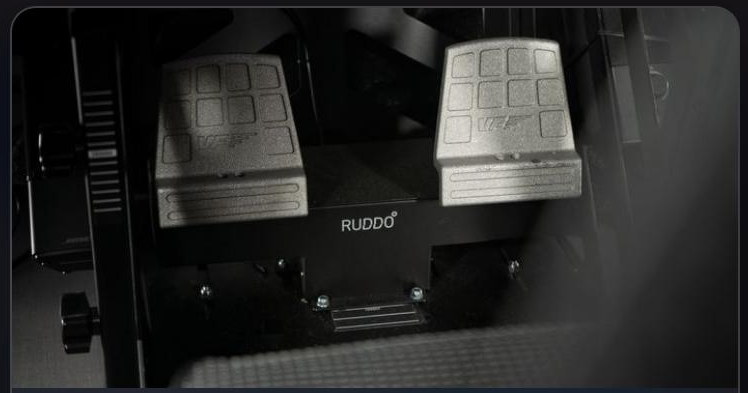
Metallic construction, 144 mm of push-pull travel on the pitch axis, and hall-effect sensors for precise, repeatable control feel.



V3RNIO+

Throttle, prop & mixture

Sliding and rotational adjustments on every lever, precisely matched to the C172S / C182RG throttle quadrant.



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

Cypress College

Middle Tennessee State University

Mercer County Community College

EAA

> *Cypress university has three SOLO PRO A Simulators amongst other Virtual-Fly components. 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

> *Mercer County Community College included three SOLO PRO G1 to their simulator fleet after trying them at FSANA Orlando. We were impressed with the quality and innovation they offered.*

MCCC Representative
Mercer County Community College

TAILORED TO YOUR FLIGHT SCHOOL

A device built for your syllabus.

Built for daily use

Heavy-duty metal hardware and an authentic steam-gauge 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.

Cristian Sánchez · Sales Manager
csanchez@virtual-fly.com · (+34) 606 376 723