

VIRTUAL-FLY / FAA AATD

DUO PRO CARAVAN

Cessna Caravan 208 Advanced Aviation Training Device · Garmin G1000

Remote operations, tailored for Caravan pilots.

THE FAA AATD CARAVAN SIMULATOR

An exact model of the Caravan 208.

An FAA-certified Advanced Aviation Training Device that's an exact model representation of the Cessna Caravan 208 — exact cockpit dimensions, shapes, and ergonomics, built to train muscle memory and normal procedures.

01

Log FAA AATD hours

Train Cessna Caravan C208 675 procedures and log hours as an FAA Advanced Aviation Training Device.

02

Real Caravan flight controls

Dual Cessna C208 style yokes and a throttle quadrant with power, propeller, and condition levers, tailored to feel like the real aircraft.

03

225° wide-angle visual

Full HD realistic scenery from X-Plane 12, across a 225-degree wide-angle visual system.

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	✓	✓

Per FAA Letter of Authorization (LOA), effective 10 Apr 2024, expires 30 Apr 2029. Maximum AATD hours creditable per certificate — actual credit per your school's FAA LOA. ✓ = device approved for the task.

COMPLETE COCKPIT SYSTEMS

FAA AATD APPROVED

Every panel, modelled for the Caravan.

01

Lights, anti-ice & lateral panel

Landing, beacon, taxi, navigation and strobe lights; pitot/static and prop heat, wing light and windshield fluid control; external power, generators, fuel boost, and avionics bus switches.

02

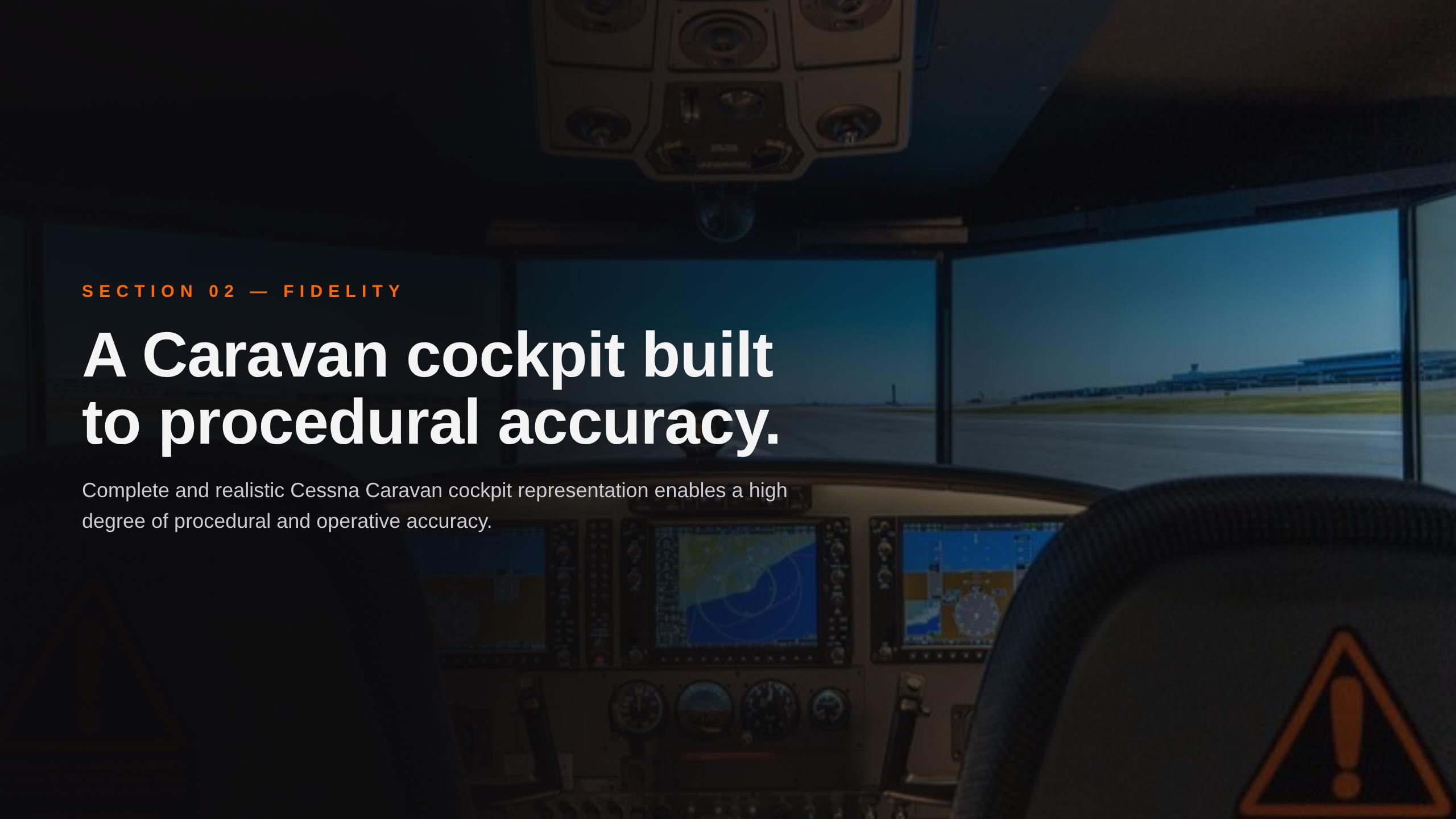
Overhead & standby systems

A fully functional, aircraft-accurate overhead panel, plus standby gauges for airspeed, attitude, altitude, and torque.

03

Circuit breakers & other controls

Decorative circuit breakers across all main and lateral panels, plus static air, prop heat, parking brake, oxygen, and fuel tank selectors.



SECTION 02 — FIDELITY

A Caravan cockpit built to procedural accuracy.

Complete and realistic Cessna Caravan cockpit representation enables a high degree of procedural and operative accuracy.

INSTRUCTOR STATION

One laptop. Every scenario, in real time.

An advanced instructor station controls every aspect of the 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.



Instructor Station · DUO PRO CARAVAN

CUTTING-EDGE AVIONICS

Full Garmin G1000. GMC 710 autopilot.

- **Full G1000 PFD, MFD & PFD2**
  Complete Garmin G1000 avionics suite with dual PFDs and a shared MFD, plus a full audio panel.
- **GMC 710 autopilot & flight director**
  Aircraft-accurate GMC 710 autopilot and flight director behavior — train real IFR procedures, not an approximation.
- **Standby gauges**
  Independent airspeed, attitude, altitude, and torque standby gauges for partial-panel and instrument-failure training.



Standby gauges & pedestal · DUO PRO CARAVAN

PROFESSIONAL FLIGHT CONTROLS

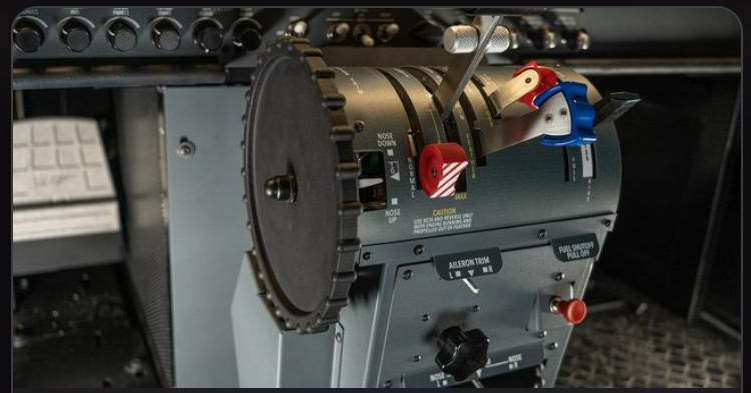
Every control matches the real aircraft.



C208 STYLE YOKE

Dual Cessna C208 style yokes

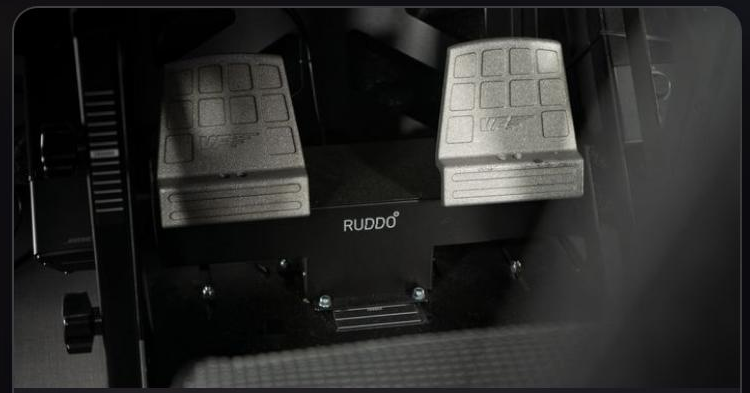
Tailored to feel like the real aircraft's control yoke, with trim switches in the correct position.



THROTTLE QUADRANT

Power, prop & condition levers

Power lever with BETA and reverse zones, an emergency power lever, and a prop lever with feather zone — true turboprop control feel.



2X RUDDO+

Rudder pedals w/ pressure cells

Dual rudder pedals with pressure cells, designed for long-lasting performance under heavy training use.

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 a realistic G1000 panel — engineered for a school's busiest training day.

12-week lead time

Ships fully assembled with factory quality control — plan for roughly 2.4 m of clearance to get it through your door.

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