

VIRTUAL-FLY / FLIGHT SIMULATOR

DUO SIM MEAC

Beechcraft Baron G58 Multi-Engine Flight Simulator · Analog Panel

A high-quality flight simulator built for real multi-engine training.

THE TWO-SEAT MULTI-ENGINE SIMULATOR

One analog panel. Four aircraft types.

A dual-seat analog flight simulator built around the Beechcraft Baron G58 — many flight schools fly it as a generic multi-engine trainer. Magnetic overlay labels let you swap panel nomenclature in seconds to also fly Cessna 172SP, Cessna 182RG, or King Air 350 procedures.

01

Train real multi-engine procedures

A dual-power throttle quadrant with prop and mixture levers, plus dedicated electrical and ignition panels for both engines.

02

Swap aircraft in seconds

Special magnetic labels change the switch nomenclature on the same panel — no equipment changes needed between aircraft.

03

Two seats, full dual controls

Two YOKO+ yokes and two RUDDO+ rudder pedals, so instructor and student — or two students — fly side by side.

WHAT THE BASIC CONFIGURATION INCLUDES

Everything your school needs, standard.

Complete analog flight panel

A full mirrored steam-gauge panel for both seats, ready to log real multi-engine procedures.

Dual-yoke, dual-pedal controls

2x YOKO+ yokes and 2x RUDDO+ rudder pedals with pressure-sensed differential brakes, both seats fully equipped.

225° panoramic HD view

Fiberglass cover for immersion, with a panoramic HD visual system spanning 225 degrees.

Touchscreen instructor station

Two headsets with PTT, two interior cabin cameras, and full audio & ventilation control from a touchscreen laptop.

Static or full motion

Choose a static simulator or add the 2DOF motion platform for roll and pitch cueing.

3-year warranty & support

Recurrent technical support and a full 3-year warranty as standard.

COMPLETE SYSTEMS MODELLING

Multi-engine systems, modelled in full.

Plus every other switch your students expect: dual fuel pumps, pitot heat, prop sync, flaps, landing gear, parking brake, and Hobbs meter.

01

Anti-ice & de-ice protection

Boot de-ice, propeller de-ice, and surface & windshield anti-ice — full known-icing systems modelling.

02

Dual electrical & ignition

5-position ignition switches, master battery, master avionics, and alternator switches — independent for left and right engines.

03

Standby gauges

Independent airspeed, attitude, and altitude standby gauges, mirrored for both seats.



SECTION 02 — FIDELITY

A multi-engine cockpit built to procedural accuracy.

Independent ignition, electrical, and anti-ice controls for both engines — the same multi-engine scan your students carry straight into the Baron G58.

INSTRUCTOR STATION

A touchscreen station built for two-seat training.

VISPRO instructor software runs from a touchscreen laptop, alongside dedicated crew communication and cabin monitoring.

- **Two-way PTT communication**
  Two headsets with push-to-talk, so instructor and student communicate clearly throughout the flight.
- **Interior cabin cameras**
  Two interior cabin cameras give the instructor a full view of both seats.
- **Audio & ventilation control**
  Full audio and cabin ventilation control from the touchscreen station.



VISPRO Virtual Instructor Station

GPS & RADIOSTACK AVIONICS

Full GPS, autopilot, and radiostack.

- **GPS navigation & autopilot**
  A full GPS moving map with an autopilot mode panel — heading, vertical speed, and altitude — for real-world IFR flight planning.
- **Complete radiostack**
  Dual COMM, NAV, DME, ADF and XPDR modules — the full analog radio stack, switch for switch.
- **Authentic steam-gauge instruments**
  Mirrored gauge panels for both seats, with the same scan your students fly in the aircraft.



GPS & radiostack · DUO SIM MEAC

PROFESSIONAL FLIGHT CONTROLS

Every control matches the real aircraft.



2X YOKO+

Dual metal aircraft yokes

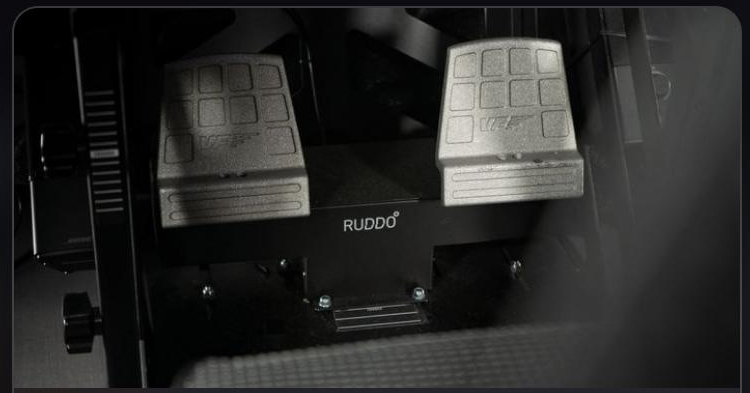
Metallic construction, 144 mm of push-pull travel on the pitch axis, and hall-effect sensors — one fully functional yoke per seat.



TQ6+

Dual-power throttle quadrant

Independent throttle, prop, and mixture levers for both engines, with adjustable resistance on every lever.



2X RUDDO+

Dual rudder pedals w/ diff. brakes

Pressure sensors on the differential brakes for authentic rudder and braking feel — one set per seat.

TRUSTED BY FLIGHT SCHOOLS AND UNIVERSITIES

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

> *MTSU University has a large fleet of aircraft and therefore we needed an affordable multi-engine 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 mirrored analog panel — engineered for a school's busiest multi-engine 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