



FLIGHT ILLUSION



Panel Center

GA-APC



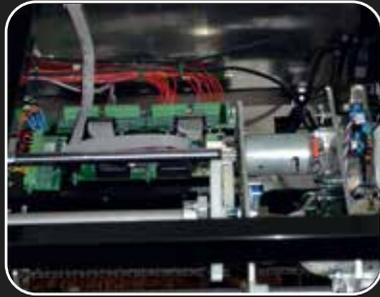
*Looks like the
real thing...
Feels like the
real thing...*

Once you take a seat behind our Panel center, you will be experiencing the true value of simulation. All the details of a typical general aviation instrument panel are faithfully replicated. Whether you are a student pilot or an experienced flyer, you will be struck by the level of realism that leads to the perfect training device.

The GA-APC is the perfect training tool for flying schools and can be used for procedure trainings from startup to navigation. It allows the user to prepare and understand the flight before actually flying it.

Start flying





The Force Feedback Yoke is a unique feature enhancing the flight experience and keeping you inside the simulation throughout the whole flight.



All the buttons and switches connect to the internal interface and are fully functional.



The Throttle-Prop-Mixture levers give you realistic control of your single engine aircraft ! The individual throttles are proportional.

Attention to detail



The gauges are true to life replicas of the real instruments. They behave in the same way and let you experience the highest level of simulation.



The panel features both an electrical and manual trim. The trim wheel moves while operated from the yoke and the indicator shows the position of the trim.



The flap lever moves in exactly the same way as in a real aircraft. The indicator shows the flap transition.

Proficiency is key

Increase your proficiency in our Analogue Panel Center. Let your virtual flight become as real as it gets from the first moment onwards. Turn on the ignition, check the engine values, push forward the throttle and takeoff as you would do in a real airplane.

Use the avionics modules to select your nav aids or your communication frequencies or to select the transponder code.

All procedures used while flying can be trained on the APC.

Choose Lockheed Martin's Prepar3D® or X-Plane® to be your flight simulator platform and visual reference.

Let our Flight Illusion GA-APC provide you with the thrill of perfect simulation.





Laminar's X-Plane 10 is a top notch visual simulator platform, including an instructor station and the possibility to create seamless visuals with multiple projectors.

You can have the GA-APC working with a licenced copy or X-Plane, allowing the use for commercial simulation.



Lockheed Martin's Prepar3D is a visual simulation platform that brings immersive technology to training, experiential learning and decision and performance support for commercial organizations like flight schools.

You can have the GA-APC working with a licenced copy of Prepar3D, allowing the use for commercial simulation.

Cost effective sim-based training

The basic idea behind the simulation panels build by Flight Illusion is simple and based on cost effective solutions. It will start earning you money from the second year in operation.

Indeed, as a flight school, you can earn back the investment of a panel in as little as 12 months. If you rent out the simulator panel for 1 hour a day at 1/3 of the regular rental price of one of your planes (about 45 EUR), you will earn 16.425 EUR. That's about the price of a dual position trainer based on a Cessna 172.

For licenced pilots

Let the weather not fool you. Practice those approaches in all weather situations. Or take an hour on the simulator to practice your next navigation flight. You'll be amazed how proficient you will be once you take off to your next destination.

For student pilots

Consider giving all the students the basic ab-initio training with the panel instead of using the real plane. Use the panel to explain how navigation works and how the instruments react in relation to the position of the aircraft. Teach them the basic workflow of start up procedures and engine control. Or just explain the physics of flying.





analogue panel center

Characteristics

- Classic (analogue) full featured general aviation panel
- Generic or type-specific aircraft cockpit
- Pilot only or pilot/co-pilot configuration
- Gauges with smooth needle movement
- Force feedback yoke for true flight sensations
- Enhanced learning due to high fidelity replication of the panel
- Industrial grade product for intense and long term use
- Fully customizable (add a landing gear lever, a manual trim wheel or a second force feedback yoke)

Features

- Switch panel with battery/alternator and avionics master switches, landing, taxi, landing, nav and strobe lights
- Analogue gauges (engine gauges, NAV gauge, Basic 6, RPM)
- Bendix King-style avionics suite
- Fuel pump switch
- Flap lever with flap position indicator
- Manual or electric pitch trim with trim position indicator
- Force Feedback Yoke
- Real aviation Vernier throttles

Options

- Optional second force feedback yoke (dual controls)
- Optional third throttle lever
- Optional landing gear lever
- Optional central console with fuels selector, trim and flap lever
- Optional operational circuit breaker panel





**FLIGHT
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