



The ACES Story

I'm a flight sim enthusiast just like you. When I decided to start building my own simpit at home, I was dissappointed to find how little there was on the market that was affordable and targeted to the home enthusiast. Everything was either too expensive, too complicated or both.

From this dissappointment, an idea was born. I am an electrical engineer with over a decade of experience developing high fidelity flight training systems for commercial and military use. I decided to apply my experience to make what I needed. Since I was going to make it anyway, I might as well offer it to others too. This was the beginning of ACES Simulation. At ACES the products are aimed at the home flight simulation enthusiast. I work to make all the ACES products easy to use and affordable.

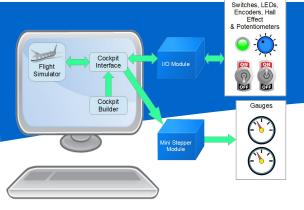


Cockpit Software Suite

info@aces-sim.com support@aces-sim.com www.aces-sim.com

Cockpit Software Suite

- · Compatible with:
 - ∘ IL2 Sturmovik: Cliffs of Dover* (Requires Team Fusion mod 3.0 or higher)
 - X-Plane*
 - Prepar3D*
 - DCS World* (visit www.aces-sim.com for a list of supported aircraft modules) *Requires a software plug-in sold separately.
- Plug and play USB connectivity with ACES Instrument Modules, Pokeys57 and Pololu Mini. Maestro servo controllers.
- Runs on Windows 7 and later.



READY....CONFIGURE YOUR INSTRUMENTS

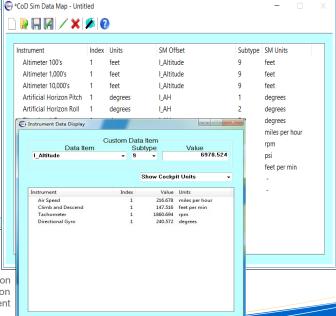
Connect your ACES Instrument Modules and your instruments. Then configure your instruments with the Cockpit Builder app.

Mv Cockpit 🔙 😉 🗣 🌦 🐃 🖊 🗶 🕚

| Instrument | Index | Units | Controller | Channel | Channe |
|-----------------------------|-------|-------------|--------------------|---------|--------|
| Bomb Bay Door Lamp | 1 | digital I/O | PoKeys-E1 | 21 | |
| Tailwheel Lock Lamp | 1 | digital I/O | PoKeys-E1 | 22 | |
| Oxygen Pressure | 1 | psi | Stepper-Left Front | 2 | |
| Oxygen Quantity | 1 | liters | Stepper-Left Front | 3 | |
| Brake Switch - Left | 1 | digital I/O | PoKeys-E1 | 0 | |
| Brake Switch - Right | 1 | digital I/O | PoKeys-E1 | 1 | |
| Nose Wheel Steering Dec/Inc | 1 | digital I/O | PoKeys-E1 | 49 | 50 |

SET...MAP TO SIMULATION DATA

Use the sim data map wizard or manually enter the simulation data points you want.



...FLY!

Start the ACES Cockpit Interface app, then start your flight simulation program. The Cockpit Interface app gathers and converts the simulation data, then sends it to your instruments. You can monitor the data being sent in the Instrument Display window.



If you have a problem, contact us at support@aces-sim.com. We'll be glad to help.



QUICK START GUIDE

- Install the ACES Cockpit Software Suite.
- Connect your instruments to ACES Instrument Modules, Pokeys57 and/or Pololu Mini Maestro servo controllers.
- Connect a power supply to the Instrument Module(s).
- Connect the Instrument Module(s) USB port to your PC.
- Start the ACES Cockpit Builder application.
- Cockpit Builder will recognize the Instrument Module(s).
- In the My Cockpit window, configure your instruments.
- Calibrate each instrument using the buttons in the My Cockpit window. Save your instrument configuration.
- In the Sim Data Map window, use the wizard to generate a sim data map. Save your sim data map.
- 10. Start the ACES Cockpit Interface application.
- Load the sim data map you just generated in ACES Cockpit Builder.
- 12. Start your compatible flight simulator (such as IL-2 Sturmovik: Cliffs of Dover or X-Plane) and fly a mission with your new instruments. (Visit www.aces-sim.com for a list of compatible flight simulators.)

For more information see the Help Center in the ACES Cockpit Builder application. For more information on the Maestro servo controller, see the Pololu documentation.