



TRAIN LIKE AN AIRLINE PILOT

IT'S NO SECRET WHY THE AIRLINES ARE SO SAFE.

Professional pilots spend hours training in full motion simulators before they fly in a real aircraft. In contrast, General aviation pilots have had to depend on conventional in-flight training methods that aren't as efficient, effective or safe. Until now. With full motion flight simulation, pilots can improve their situational awareness, enhance their performance and reinforce their training by repeatedly practicing unexpected and hi risk scenarios.

You can become a much safer pilot thanks to the most realistic and affordable flight simulator now available in General Aviation - the AVIA Simulator.

AVIA 

FULL MOTION
SIMULATOR

AVIA 

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EKA
MOTI
SERIE

SAFETY FIRST

80% OF ALL AIRCRAFT ACCIDENTS ARE A RESULT OF AVOIDABLE PILOT ERROR

With full motion flight training, your safety is never in question. Learn to handle in-flight emergencies so they become second nature - just like the airlines. In the Cirrus SR22 single engine aircraft, experience an engine failure in instrument conditions and fire the CAPS parachute followed by a descent to the ground - exactly as it would happen in real life.

HANDLE THE UNPREDICTABLE

AGAIN AND AGAIN.

Break the chain of events that can result in tragic outcomes. Fly Line Oriented Exercises - real missions with challenges from the aircraft and the environment. Learn from your mistakes and develop competence and confidence in your ability to handle tricky situations. Train for emergency situations that you would never want to recreate in the real environment.

ROUTE FAMILIARISATION

Flying to Mount Hotham for the first time? Fly the entire trip from start-up to shut-down. Fly the approach in Instrument Meteorological Conditions. Experience the terrain, the turbulence, the windshear, and the crosswinds. Fly the missed approach and then the departure. Going at night? Better try that as well. Fly prepared, competent and confident.



PRACTICE MAKES PERFECT

Possible failures and procedures:

Engine Failure & Airstart	Air Data Computer (ADC) failure
Engine Fire	PFD Display Failure
Emergency Descent	Instrument failures
Landing without Elevator Control	Alternator failure
Unusual Attitude Recovery scenarios	Electrical failures
Cirrus Airframe Parachute System (CAPS) deployment	Smoke and Fire scenarios
Attitude Heading Reference System (AHRS) failure	Ditching procedure

The AVIA Simulator features dynamic circuit breakers which create realistic failures of many aircraft systems.

PROFESSIONAL DEVELOPMENT

AVIA training programs include Recency and Renewal, Instrument Rating, Emergency Procedure, Cirrus Transition and Garmin G1000 training.

WHY A SIX-AXIS SIMULATOR?

You can only experience the true sensation of flight in a 6 Degrees of Freedom (6-DOF) flight simulator.

Every pilot knows about Pitch, Roll and Yaw. However, for a pilot to experience these three dimensions in a simulator it is necessary to introduce an additional three movements - Heave, Surge and Sway.

The AVIA Simulator is so powerful it can do all this with two pilots, an instructor, and two observers comfortably accommodated in the airliner sized cockpit. The Simulator uses incredibly powerful electric motors to achieve this - a total of 13,800 Nm of torque. Fasten your seatbelts!

SIMULATORS SAVE LIVES

