

Accelerate Student Learning with a Drone Flight Simulator

WHERE MISTAKES COST NOTHING
AND EXPERIENCE IS EVERYTHING

WHY USE A DRONE SIMULATOR?



Simplify Your Classroom Logistics

Maximize Hands-on Practice Time

Eliminate the “one drone, ten students” bottleneck. Every student gets a dedicated cockpit.

Fly Rain or Shine

Keep training on schedule regardless of weather.

No Batteries or Drone Fleet Maintenance

Skip charging, storage, and drone upkeep.



Build Flight Confidence

Practice Emergency Situations

Train for failures like GPS loss and signal loss.

Practice in Different Environments

Fly indoors, around structures, and in windy conditions.

Try a Variety of Drone Models

Expose students to different drone types in one simulator.



Eliminate Risk & Control Costs

Zero Crash Risk

Students can make mistakes without damaging equipment.

Safe Airspace Access

No airport restrictions or controlled airspace concerns.

Protect Your School's Budget

Build skills before flying expensive physical drones.

TRUSTED BY HIGH SCHOOLS AND COLLEGES ACROSS THE US

“The Zephyr drone simulator is an **outstanding tool and a cornerstone of my UAS courses** at Clemson University. Being able to train students on the **fundamentals of drone operations without the risk of damaging an aircraft** has been a game changer for us. Because much of the flight training can be done without one-on-one instruction, **I'm able to enroll more students in my classes.**”

– Dr. Joe Burgett, Clemson University

EASY TO SET UP. POWERFUL FOR TEACHING.

1

DOWNLOAD

Install the simulator on a Windows or Mac computer.*

2

CONNECT

Plug in your controller.

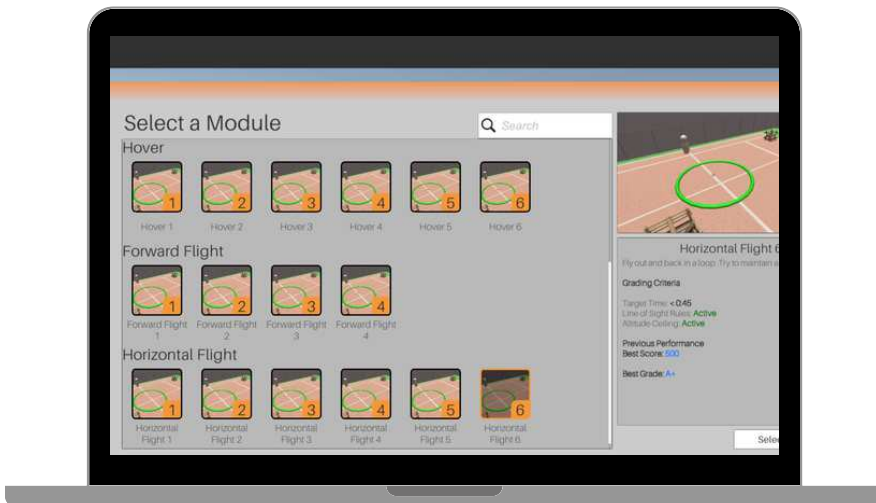
3

LAUNCH

Select your scenario and begin building pilot skills.

Instructor Tools:

- **Track Student Progress:** Every flight is recorded, tracking scores, flight time and much more.
- **Assign Exercises:** Choose specific flight exercises to your students to reach your classroom goals.
- **Add Users:** Easily add or remove students and staff as your program grows, keeping your roster organized.
- **Get Direct Support:** Contact our team for onboarding assistance and troubleshooting.



PRICING

\$200 per student

Good for 1 academic year

Each student's progress tracking is tied to their own log in.

**Not compatible with Chromebooks or mobile devices.*

TRAIN STUDENTS IN REAL-WORLD DRONE MISSIONS

20 scenarios containing 120+ modules
from basic flight controls to advanced mission exercises

Training Theme	Scenario Title	Modules	Examples of Skills
Beginner Flight Skills	Tutorial Basic Training	29	Flight modes, camera controls, hovering, landing
Open Environment with Obstacles	The Hill Community Park Parking Lot The Yard	9	Line-of-sight flying, obstacle awareness, environmental navigation
Precision & Control	Obstacle Course Flight Path Practice Warehouse	6	Timed maneuvering, figure-8s, circuits, advanced control
Drone Racing	Drone Racing Track	1	High-speed flying through gates, hoops & slaloms
Exploration Missions	The Island Beach Front	18	Navigation challenges, landing zones, racing circuits, scavenger hunts
Cinematography	Skip Fredricks Stadium	8	Professional film industry techniques & reveal shots
Inspections	Tower Inspection Bridge Inspection	12	Signal loss, maneuvers for 3 tower types, finding & capturing bridge cracks

More scenarios available: NIST training & test, Search and Rescue



PRACTICE ON 20+ DIFFERENT DRONE MODELS

GET A FEEL FOR DRONE MODELS ACROSS TOP MANUFACTURERS



USE A VIDEO GAMING CONTROLLER OR A REAL DRONE CONTROLLER

- Controllers purchased separately – or use one you already have
- Choose from [this list of compatible controllers*](#) including:
 - Xbox One Controller (wired or wireless via Bluetooth; wireless for Windows OS only)
 - Playstation 4 & 5 Controllers (wired only)

*Most DJI controllers are not compatible



RUNS BEST ON A COMPUTER WITH THESE SPECS

	PC	Mac
Operating System	Windows 11	macOS 26 Tahoe
CPU	Intel Core i7 @ 3.6 GHz or equivalent	M1 or Higher
Memory	24 GB of RAM	24 GB of RAM
Hard Drive	25 GB	25 GB
Graphics	Direct X 10 or higher compatible graphics card (GTX 970 equivalent or higher)	n/a
Internet Connection	DSL or Higher	DSL or Higher