

# 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.

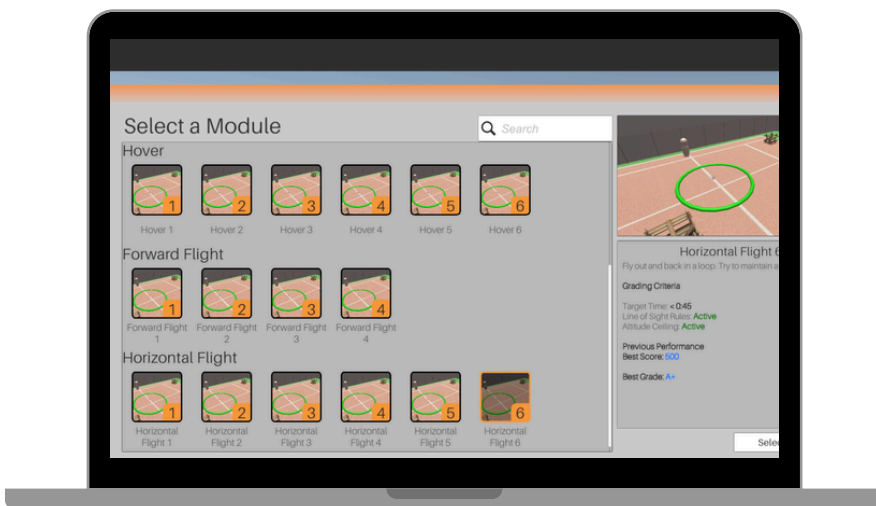
3

## 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
<b>Beginner Flight Skills</b>	Tutorial Basic Training	29	Flight modes, camera controls, hovering, landing
<b>Open Environment with Obstacles</b>	The Hill Community Park Parking Lot The Yard	9	Line-of-sight flying, obstacle awareness, environmental navigation
<b>Precision &amp; Control</b>	Obstacle Course Flight Path Practice Warehouse	6	Timed maneuvering, figure-8s, circuits, advanced control
<b>Drone Racing</b>	Drone Racing Track	1	High-speed flying through gates, hoops & slaloms
<b>Exploration Missions</b>	The Island Beach Front	18	Navigation challenges, landing zones, racing circuits, scavenger hunts
<b>Cinematography</b>	Skip Fredricks Stadium	8	Professional film industry techniques & reveal shots
<b>Inspections</b>	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
<b>Operating System</b>	Windows 11	macOS 26 Tahoe
<b>CPU</b>	Intel Core i7 @ 3.6 GHz or equivalent	M1 or Higher
<b>Memory</b>	24 GB of RAM	24 GB of RAM
<b>Hard Drive</b>	25 GB	25 GB
<b>Graphics</b>	Direct X 10 or higher compatible graphics card (GTX 970 equivalent or higher)	n/a
<b>Internet Connection</b>	DSL or Higher	DSL or Higher