QUANTUM DYNAMICS

UAS TRAINING | SERVICES | EQUIPMENT

TIMBERLAND HELICOPTERS

AFFILIATE COMPANY



QUANTUM DYNAMICS · PROFESSIONAL DRONE TRAINING & FLIGHT SERVICES

# GREAT PILOTS AREN'T BORN. THEY'RE TRAINED.

Professional drone training, FAA Part 107 preparation, and commercial unmanned aircraft services backed by real-world aviation experience.

| | | | |
|---|---|---|---|
| **1,500+** Students trained | **Veteran-Owned** & operated | **Timberland** Helicopters affiliate | **Professional** aviation experience |

## ABOUT QUANTUM DYNAMICS

**Quantum Dynamics, LLC** is a veteran-owned drone training and flight services company based in Oregon, serving individuals, businesses, government agencies, and public safety organizations. We started in 2017 as part of **Timberland Helicopters**, a utility aviation company operating since 1984, with co-founder **Mark Gibson**, President of Timberland Helicopters and two-time Chairman of Helicopter Association International. Co-founder **Sean M. Holt** is a U.S. Navy veteran and Craftmaster, a former USCG-licensed mariner (unlimited tonnage), and an FAA Remote Pilot instructor who has trained more than 1,500 students.

### DRONE TRAINING

FAA Part 107 preparation, interactive flight labs, practical flight instruction, and organizational training programs.

**Explore the Drone Academy →**

### PROFESSIONAL FLIGHT SERVICES

LiDAR mapping, aerial surveys, infrastructure inspections, and industrial drone operations.

**Request a project consultation →**

### EQUIPMENT & OPERATIONAL SUPPORT

Drone equipment guidance, onboarding, operational training, and equipment solutions through approved commercial relationships.

**Ask about equipment →**

ONLINE TRAINING · SELF-PACED

# TRAIN FOR YOUR FAA PART 107 CERTIFICATION

Structured online training for the FAA Remote Pilot knowledge exam. We teach the aviation concepts behind every answer, so students understand the material, not just the questions.



FLAGSHIP COURSE

## PART 107 PASS PACK

The complete learning experience, from first lesson to test day.

- Comprehensive online Part 107 course
- Regulations, weather, operations & safety
- Charts and airspace interpretation
- Interactive Flight Lab
- Full FAA-style exam simulator
- Six months of access

FOUNDING OFFER

**$299**

First 100 founding students
Regular price ~~$399~~

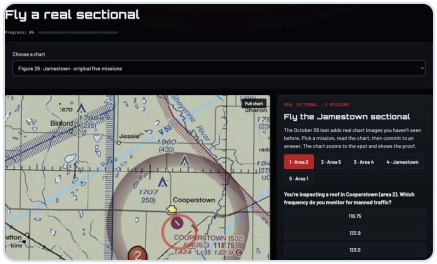
skool | EXPLORE THE DRONE ACADEMY →

OUR DIFFERENTIATOR

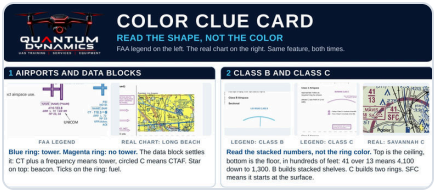
## FLIGHT LAB / CHART MASTERY

**$99** FOUNDING · Regular ~~$149~~

Interactive chart-reading and airspace training on real sectionals. Our Color-Safe track and Shape-First method teach students to read charts without relying on color alone.




QD FLIGHT LAB · REAL SECTIONALS




QD COLOR CLUE CARD

## PRIVATE VIRTUAL TRAINING TRACK

**$999** FOUNDERS · FIRST 100
Regular ~~$1,299~~

One-on-one virtual instruction for focused, individualized preparation.

- Four one-on-one virtual sessions with a QD instructor
- Limited seats each month

CONTACT US ABOUT TRAINING

## WHO WE TRAIN

- Aspiring commercial drone pilots
- Electrical linemen & utilities
- Public safety personnel
- Transitioning veterans
- Working professionals
- Recreational pilots going commercial
- Corporate & enterprise teams
- New drone service businesses

skool **Join the Quantum Dynamics Drone Academy**
Free community on Skool · skool.com/drone-academy
JOIN FREE

**Free and private.** We keep the community membership tight, so every member gets real attention. **skool.com/drone-academy →**

AGENCIES · TEAMS · ORGANIZATIONS

# TRAINING FOR PROFESSIONAL DRONE PROGRAMS

Structured training for public safety agencies, businesses, and organizations establishing or expanding drone operations.




## PUBLIC SAFETY TRAINING

For personnel preparing for Part 107 and agencies building standardized operational knowledge.

- Police departments
- Fire departments
- Emergency management
- Sheriff's offices
- Search and rescue
- DFR programs

## TWO-DAY IN-PERSON TRAINING

**$1,199** per student if booked by Dec 31, 2026 · Regular ~~$1,499~~

**SCHEDULE** Monthly classes, limited seating

**LOCATION** Hillsboro, Oregon, via Portland International Airport (PDX)

**TEAMS** Group rates available

## PUBLIC SAFETY ANNUAL

**$299** per seat, per year

An ongoing training offering for public safety personnel and organizational drone programs, designed to support continuing education and operational readiness.

## GROUP & AGENCY TRAINING

Train teams or build in-house drone capability.

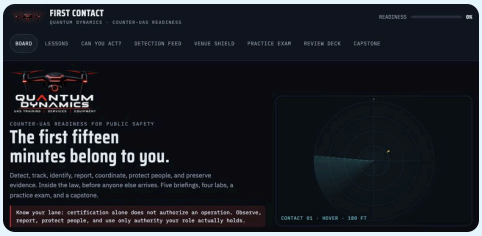
- Electrical linemen & utilities
- Engineering & surveying
- Infrastructure operators
- Government agencies
- Public safety
- Corporate teams
- Construction
- Environmental groups

FIRST CONTACT: COUNTER-UAS READINESS

## Law Enforcement Counter-UAS Awareness & Readiness Training

Our interactive readiness program for the first 15 minutes of a drone-related incident. Content reflects the SAFER SKIES Act and the 2026 DOJ/DHS interim final rule on state and local counter-drone authority, and complements FBI NCUTC certification.

- Incident recognition
- Detection awareness
- Applicable legal authorities
- Unit training planning
- Operational readiness assessments
- Classification & documentation
- Escalation & reporting
- **Pricing available on inquiry**




### WHAT IT IS, AND IS NOT

Readiness education and awareness training only. We do not certify personnel for counter-UAS mitigation, and the course does not authorize interception, disruption, or mitigation of any aircraft.

> *"Our instructor was very knowledgeable about all aspects of the curriculum and took the time to explain sections that were a little harder to grasp. ... Thanks again, Quantum Dynamics for putting on a quality training. I will be recommending it to other officers."*
>
> **Officer Shawn Myers**, Washington State Department of Fish and Wildlife Police

**Training a team?**
Ask about group rates and agency requirements.

CONTACT US ABOUT TRAINING

CALL (541) 631-9567

COMMERCIAL FLIGHT OPERATIONS

# AERIAL DATA. PRACTICAL INTELLIGENCE. REAL-WORLD RESULTS.

Commercial drone flight services for organizations that need accurate aerial information, infrastructure visibility, and actionable geospatial data.



01

### LiDAR Mapping & Terrain Modeling

High-resolution aerial LiDAR for terrain models, site analysis, engineering, and land management.

- Digital terrain models & point clouds
- Topographic mapping; vegetation & terrain analysis
- Engineering & infrastructure planning support

Starting at **$25** / acre

02

### Utility Corridor & Vegetation Inspections

Aerial data collection for utility infrastructure and vegetation management.

- Transmission & distribution corridors
- Vegetation encroachment; right-of-way monitoring
- Condition documentation & maintenance planning

Starting at **$32** / linear mile

03

### Aerial Mapping & Photogrammetry

High-resolution RGB imagery and mapping.

- Construction progress & site documentation
- Orthomosaic mapping & volumetric analysis
- Land development & engineering support

Starting at **$5** / acre

04

### Thermal & Visual Asset Inspections

Drone-based inspections with thermal and visual sensors.

- Industrial facilities & energy infrastructure
- Buildings, rooftops & renewable installations
- Difficult-to-access assets

**Quoted** per project

05

### Multispectral & Specialized Data Collection

Aerial sensing for agriculture, environmental monitoring, vegetation analysis, and specialized applications.

**Quoted** per project

Pricing depends on project scope, site conditions, deliverables, and mobilization requirements.

## INDUSTRIES SERVED

- Energy & utilities
- Engineering & surveying
- Mining & aggregates
- Environmental
- Construction
- Agriculture & forestry
- Industrial infrastructure
- Government & public safety

## GEOGRAPHIC COVERAGE

**Nationwide U.S. service**, with an operational emphasis on the Pacific Northwest: Oregon, Washington, Idaho, and surrounding states. We mobilize for qualified projects globally.

## EQUIPMENT SUPPORT

- Drone equipment selection
- Platform familiarization
- Operational onboarding
- Pilot training
- Rental & sourcing inquiries

## HAVE A PROJECT? LET'S TALK.

Tell us about your mapping, inspection, or aerial data requirements.

REQUEST A PROJECT CONSULTATION

EMAIL OUR FLIGHT OPERATIONS TEAM