Aerial Roof Inspections Workshop

Start your careers in aerial roof and structural inspections. Develop the skills you need to fly, gather, and analyze roof inspection data.

DARTDRONES

\$1,490.00

PREREQUISITES

• 5+ Hours of Flight Time

Not flying drones yet? Check out our Phantom and Inspire Flight Training Courses at dartdrones.com

Part 107 Certificate

Not FAA Certified to Fly Commercially yet? Check out our Part 107 Test Prep In-Person (or Online) at dartdrones.com

DAY 1

Roof Inspection Basics

- Intro to Aerial Roof Inspection
- Regulation & Airspace Review
- Aerial Roof Inspection Fundamentals
- Manual Inspection Profiles
- Flight Session 1
 Manual Inspection Profiles
- Preflight Site Evaluation
- Go-No Go Decision Making
- Optimizing System & Camera Settings
- Managing Drone Emergencies
- Flight Session 2
 Camera Usage / Emergency Situations

DAY 2

Advanced Operations

- Crew Coordination
- Fundamentals of Mapping & Modeling
- Mapping Software Overview
- Utilizing Mapping Software
- Flight Session 3
 Mapping Flight
- Thermal Imaging
- Flight Session 4
 Thermal Imaging Demonstration

UPCOMING CLASSES

SEPTEMBER 23 - SEPTEMBER 24 Dallas, TX 8:30 am - 5:00 pm OCTOBER 14 - OCTOBER 15 Chicago, IL 8:30 am - 5:00 pm NOVEMBER 11 - NOVEMBER 12 San Francisco Bay, CA 8:30 am - 5:00 pm

INSTRUCTORS



Karl designs and implements multi-camera sensor systems for drone platforms and utilizes his commercial remote pilot privileges almost daily. He has own drones for a wide variety of industrial applications, including tower inspection, survey/mapping, and roof inspection. Karl is also licensed commercially in single and multi-engine airplanes.



Christina is a commercial pilot and CFII with a Commercial Aviation and Air Traffic Control degree from the University of North Dakota. After a decade in the corporate finance world, Christina decided to return to the aviation industry. She has over 1,000 hours of flight time and owns her own small drone business which focuses on aerial roof inspections and photography.



Colin is a both a private pilot and advanced ground instructor, and holds a Master's Degree in UAS Design and Operations from Embry-Riddle Aeronautical University. He has been building and flying R/C aircraft for over 20 years, and currently owns and operates a drone services company in Pennsylvania with a focus on mapping and inspections.