

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.

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

NOV 10 - NOV 11
Atlanta, GA

DEC 8 - DEC 9
Dallas, TX

JAN 19 - JAN 20
San Diego, CA

FEB 9 - FEB 10
Nashville, TN

MAR 23 - MAR 24
Orlando, FL

INSTRUCTORS



Colin Romberger

Colin Romberger graduated from Embry Riddle Aeronautical University as one of the first 5 students to earn a Master's Degree in Unmanned Aircraft Systems, with a focus in Flight Operations and Systems Design. Colin also holds multiple FAA Airman Certificates for manned aircraft operations. Colin was a sky diving instructor for multiple years with over 1500 recorded jumps and runs a sUAS services company focusing on mapping and inspections. At DARTdrones, Colin is responsible for ongoing instructor development initiatives as well as the coordination of sUAS Operations Consultation Services tailored to the specific use cases and operating environments of our corporate clients. He has consulted with numerous companies and organizations on their use of sUAS for a cross section of purposes.



Karl Schwab

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 Martinez

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.

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