

Search and Rescue, Thermal, & Night Operations



Navigate terrain ground teams can't access. Cover vast areas quickly. Decrease cost of air support. Learn to fly SAR missions utilizing drones.

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

Aerial Search & Rescue

- Lesson 1: Intro to sUAS SAR
- Lesson 2: SAR Progression
- Lesson 3: Aerial Search Patterns

- **Flight Session 1**
Search Patterns

- Lesson 4: Preflight SAR Stages
- Lesson 5: Coordination & Execution
- Lesson 6: SAR Conclusion
- Lesson 7: sUAS SOPs

- **Flight Session 2**
SAR Scenario

DAY 2

Thermal Imaging & Night Operations

- Lesson 8: Thermal Imaging Basics
- Lesson 9: Subject Detection
- Lesson 10: Operating the Zenmuse XT
- Lesson 11: Leveraging Isotherms

- **Flight Session 3**
Thermal Imaging

- Lesson 12: sUAS Night Operations Basics
- Lesson 13: Night Physiology & Visual Illusions

- **Flight Session 4**
Night Operations

UPCOMING CLASSES

Looking for this course near you? Reach out to let us know which city you would like to see this course in.
Call us at 800-264-3907.

INSTRUCTORS



Mike Uleski

Michael is an active Sergeant with a public safety department in Florida, where he is cross-trained as a law enforcement officer, firefighter, and EMT. He has extensive aviation expertise with a degree in Aeronautical Sciences from Embry-Riddle, a commercial pilot certificate with single engine, multi-engine and instrument ratings, and 17 years of experience building and flying remote controlled aircraft.



Roger Hall

Roger became interested in drone aviation soon after retiring from a 25-year career in the fire service. He served as a firefighter on the Nashua New Hampshire Fire Rescue team, and as a member of the Hazmat & dive rescue teams. He is a licensed sport pilot and Certified Level 1 Thermographer. Roger enjoys training public service departments & assisting them with the implementation of UAS into their organizations as well as using drones to film at live events.



Chris Grazioso

Chris has over 28 years of experience in the EMS field focusing on EMS Special Operations and Emergency Management. He is also a member of a FEMA Urban Search and Rescue team and started using drone technology in their operations. Chris has been interested in aviation his entire life and received his pilot's license in 2010.