



UAS TRAINING & CONSULTING SERVICES

LEVERAGE OUR EXPERIENCE

Our team of professional UAS pilots, engineers, and data analysts can help improve your organization's safety, proficiency, and competitive edge with customizable UAS training. Whether you are just getting started or looking to advance your capabilities, we have the experience and expertise to take your program to the next level.

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UAS 101: PART 107 EXAM PREP

This course focuses almost entirely on preparation for taking the FAA knowledge examination. Additional topics covered include: airspace authorization requests, waivers, and aircraft registration. Students will leave well prepared to pass the FAA Part 107 Remote Pilot Knowledge exam.

UAS 201: BASIC FLYING SKILLS

This module consists of classroom and field time to focus on safety and practical airmanship of UAS flight operations. Upon completion, students will be comfortable with basic preflight preparation, UAS software, take-off, basic flight maneuvers, landing, emergency procedures, and battery safety.

UAS 102: UAS BASICS

This course is an introductory course geared toward the newly certified remote pilot. It focuses on practical UAS applications, equipment care, preflight preparation and safety management. Pair this course with UAS 201 to increase your team's background knowledge, improve proficiency and set your drone program up for success.

UAS 202: RECURRENT TRAINING

This annual or biennial course was created to improve pilot proficiency in preparation for the FAA required biennial exam. Material for the Part 107 exam will be reviewed in the classroom, and advanced and emergency maneuvers will be reviewed in the field.

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ADVANCED UAS TRAINING & CONSULTING

GET YOUR PROGRAM OFF THE GROUND

- Program Planning
- Safety Management
- Equipment Selection
- Sensor Integration
- Operational Execution
- Data Processing
- Data Analysis
- Ongoing Support

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UAS 301: MAPPING & PHOTOGRAMMETRY

This course consists of classroom and field time to focus on quality data capture. Topics will include mapping applications, preflight planning, auto-mission considerations, best practices and image evaluation. The student will leave confident of creating and flying an automated mission to capture an accurate data set.

UAS 303: NIGHT OPERATIONS

This course consists of classroom and field training to prepare a UAS pilot for night flying operations. The course will include equipment requirements, preflight actions, night illusions, safety precautions, data capturing, and emergency procedures. The course may be referenced when applying for an operational waiver to fly outside of daylight hours.

UAS 302: INTRO TO PROXIMITY FLYING

This course consists of classroom and field time to improve inspection flight skills. With hands-on practical training of proximity flying near structures, in addition to classroom time, we will cover preflight planning, data capture techniques, and data management. The student will leave better equipped for structural inspections in close proximity.

UAS 401: POST-PROCESSING DATA

This course can coincide with UAS 301 and can be done in-person or via web. It will focus on post processing and analysis based on current inspection or mapping protocols using RGB/EO sensors. This module is for those already familiar with using mapping software but are looking for more advanced training.

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