



Kentucky State Fire School

Lexington, KY
June 8-11, 2023



503 Advanced Drone Operations

Small Unmanned Aircraft Systems (sUAS) are responsible for radically changing how we conduct emergency services operations. From the obvious real time uses of 360-degree situational awareness, thermal capabilities for SAR and Swiftwater rescue overwatch, to 2D/3D mapping for documentation and provide physical maps during natural disasters. sUAS increase responder safety, operational efficiency, streamline documentation and let's face it, these things are just cool.

This course will focus on advanced sUAS program operations, flight skills, airspace management, documentation, air to air/air to ground communication, and training considerations. Through the use of classroom instruction, hands-on mission planning and operational management, flight skills performance using NIST props and real time scenarios with your aircraft. Be prepared for multiple flights, position rotations from Pilot, Visual Observer, Air Boss/airspace management/crew resource management and mission documentation for daytime and potential night operations.

PRE-REQUISITES/EQUIPMENT NEEDED

FAA Part 107 Certified and/or Recurrent, Department owned and insured sUAS, Manufactured sUAS with certificate of Airworthiness, FAA Registered sUAS, FAA# displayed on the sUAS.

*This 1-day course will be offered Saturday, including a section with night operations.
This will be a 12-hour class.*

Lead Instructor: Matt True, State Fire Rescue Training District 7

