Operations Over People Under FAA Part 108
Instructor: The Drone Professor
Audience: Law Enforcement, Fire, SAR, Emergency Management, and Public Safety UAS Teams
Duration: 1-Day Intensive (8 hours) or Modular Delivery (4 × 2-hour blocks)
Format: Instructor-led classroom + optional field demonstration
Prerequisites:

- Valid Part 107 Certificate
- Agency UAS Program Participation
- Familiarity with BVLOS Concepts
- Basic understanding of UAS risk categories and operational limitations

Course Overview
This course prepares public safety professionals to conduct **Operations Over People (OOP)** under the proposed FAA Part 108 rule. Participants will learn how to classify aircraft into risk categories, plan and execute missions in populated environments, apply mitigation strategies, and document reliability and safety data in compliance with structured oversight requirements.
Learning Objectives
By the end of this course, participants will be able to:

- Break down the structure and intent of FAA Part 108 as it applies to Operations Over People
- Identify and classify aircraft into the correct OOP risk category
- Apply mitigation strategies to reduce ground-risk in populated environments
- Plan and execute OOP missions using standardized workflows
- Define crew roles, communication protocols, and detect-and-avoid procedures
- Document reliability, emergency procedures, and post-flight data for OOP missions

Course Modules
Module 1: Regulatory Framework

- Why Operations Over People are included in Part 108
- Differences between Part 107 OOP allowances and Part 108 requirements
- Risk categories and injury-threshold considerations
- Operating Permits vs Operating Certificates for OOP missions

Module 2: Risk Categories & Mitigation

- Category 1–4 definitions and applicability
- Injury thresholds and kinetic energy considerations
- Aircraft classification and documentation
- Mitigation strategies for populated environments
- Containment, altitude selection, and public-coordination requirements

Module 3: OOP Mission Planning

- Preflight risk assessment
- Crew roles and checklists for populated areas
- Detect-and-avoid systems and procedures
- Emergency landing zone selection
- Post-flight documentation and analysis

Module 4: Emergency Procedures & Safety

- Loss of link protocols in populated environments
- DAA failure response

- Crowd-movement and density-change response
- Incident reporting and Continued Operational Safety (COS) requirements

Module 5: Public Safety Use Cases

- Drone as First Responder (DFR) in populated areas
- SAR corridors and neighborhood searches
- Tactical overwatch and urban operations
- Disaster response, mapping, and payload delivery over displaced populations

Contact & Enrollment

For agency enrollment, private delivery, or licensing, contact:
The Drone Professor https://thedroneprofessor.com