POLICE DRONE

PILOT TRAINING / PART 107 PREP- COURSE *(4 DAY COURSE)*

PRESENTED BY

LAKEWOOD POLICE DEPARTMENT

APRIL 15-18, 2024

Prior to attending, students must download the "ASA Prepware Remote Pilot" App. Cost $4.99

Cost: $330

Class Size: 22

- Cost includes textbooks and supplies.

When: **April 15-18, 2024 (Mon -Thu)**
0800-1700 (each day)

Where: Lakewood Police Department
9401 Lakewood Drive SW, Lakewood, WA 98499

Who should attend:

1) *LEO/Fire Fighters preparing to take the FAA Part 107 Remote Pilot license exam;*
2) *Public safety officers planning to start up UAS programs for their agencies; and*
3) *Current sUAS remote pilots looking for refresher training*

To register, e-mail Svea Pitts spitts@cityoflakewood.us with attendees' names and e-mail. Invoices will be sent after class attendance.

For questions concerning the course, contact Detective Austin Lee

253-830-5097, alee@cityoflakewood.us

IMPORTANT: This is an academically demanding course and there will be daily homework. Please come to the course well rested. Space is limited and some slots are already spoken for. Late applicants can be placed on the waiting list upon request.

Course Objective:

Upon completion, students will be knowledgeable in Part 107 operations in accordance with the FAA Airmen Certification Standards (ACS) and ready to take the FAA Remote Pilot written test. The student will also be knowledgeable in COA operations and will be able to make sound "go/no-go" decisions using the PAVE (Pilot, Aircraft, Environment, and External Pressure) risk management model.

Course Schedule

Day 1 – "How it works and who can fly."

- Regulations
- Agency Policies
- Aerodynamics
- Weight and Balance
- Loading and Stability

Day 2 – "Where can I fly?"

- Airspace / Special Use Airspace
- Airspace Waivers / LAANC
- Certificate of Authorization
- TFR and NOTAM

Day 3 – "When can I fly?"

- Weather
- Weather Services
- Drone Performance
- Night Operations
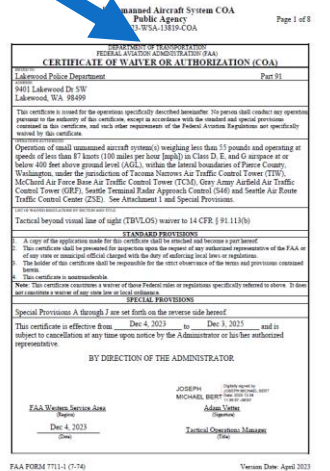
Day 4 – "Should I fly?"

- Risk Management
- Crew Resource management
- Emergencies
- Model Practical Test
- Mock 107 Tests

Frequently Asked Questions:

Q: Are there licensing requirements for flying drones as a government operator?

A: Yes, government operators are required to operate drones under Part 107 rules (14 CFR Part 107) or under a certificate of authorization (COA) issued to the agency by the FAA. You need the FAA Remote Pilot Certificate (aka: drone pilot license) with the small UAS rating in order to operate drones under Part 107 rules. COA operations allow agencies to operate drones under the specific parameters without having to obtain Part 107 license for each operator. The agencies conducting operations under COA would conduct internal Part 107 equivalent training. Having the operators obtain Part 107 license or putting them through Part 107 equivalent training such as this course is highly advisable from a risk and liability management standpoint.

Q: Would I get the license through this course?

A: No, this course prepares you for the FAA written exam. You have to register for the test and pass the test with 70% passing score. There is a fee associated with the test and test taking is independent of this course. It is recommended that you take the test within a week upon the completion of this course. The registration process will be discussed in the course. If your department is already operating sUAS under COA, you can consider taking this training as Part 107 equivalent training for your agency. Training certificates will be issued upon successful completion of the course and it will be signed by an FAA certified instructor for your record.

https://faa.psiexams.com

Frequently Asked Questions:

Q: Who is teaching the course and what topics will be covered from the course?
A: Please refer to page 2. The FAA suggested and regulated topics will be covered and the contents are extracted from the FAA publications. The course also provides practical information and best practice in how to run a safe and legally defendable UAS unit.

Your instructor, Detective Austin Lee, is a FAA certified "gold seal" flight Instructor (CFI, CFII) for single engine airplane and helicopter. Det. Lee is a commercially licensed pilot for airplane single engine (land and sea), airplane multi-engine land, helicopter, and small UAS (Unmanned Aircraft Systems). Det. Lee built the UAS Program and served as the program coordinator for his department.