



Training Announcement: Unmanned Aircraft Systems (UAS): Advanced Operator Course

October 31st—November 1st, 2019

State Preparedness Training Center

Course Description

The Unmanned Aircraft Systems: Advanced Operator Course (UAS AOC) is designed to improve students' ability to operate UAS platforms in support of homeland security and public safety missions. Classroom discussions and skill lanes will challenge students to adapt their basic skill sets to unique and unexpected circumstances.

Students will build on their basic skills and mission planning foundation to improve their ability to fly UAS at night, discuss modifications to increase the utility of UAS platforms, as well as practice close quarters flight, hand launch and retrieval, and payload deployment. Throughout the course, the instructional team will provide feedback to help students improve their decision-making, adaptability, and skills proficiency. The night flight portion of the course is not optional to attend, but students may opt to not fly their UAS during it.

Topics Include

UAS capabilities (including hand launch and retrieval, overwatch flight, and payload deployment); Close Quarters Flight, Emergency Operations (including loss of flight telemetry, loss of visual line-of-sight, see and avoid, and manually determining aircraft orientation); and Night Operations

Course Provider

This course is being taught by a team of instructors from the State Preparedness Training Center and the National Center for Security and Preparedness.

Location

State Preparedness Training Center
5900 Airport Road, Oriskany, NY 13424

Cost

There is NO FEE for this course. *Lunch / Dinner will be provided.* Travel and all other meals are the responsibility of the course participant.

Times

October 31st, 2019: Check-In (1:30pm-1:45pm); Course (2:00pm-11:00pm);
November 1st, 2019: Check-In (9:00am-9:15am), Course (9:30am-5:00pm)

Audience

This course is intended for experienced public safety UAS operators who have their FAA Part 107 certification and have documented 10+ hours of flight time (training and / or operational) OR have attended the SPTC's UAS Operator Course (formerly known as the UAS Basic Operator Course). The New York State Division of Homeland Security and Emergency Services retains the right to determine eligibility for this course.

Registration Process and Equipment

All student registrations will be reviewed by the SPTC with approvals sent to students NO LATER THAN 2 weeks prior to the start of the class. Registration does not guarantee a seat in the class. If you are accepted into this course, you will receive a confirmation email from the Center.

First: To register for this course, access the SPTC's Training Calendar Online:

<http://www.dhSES.ny.gov/training/calendar/?agency=SPTC>

Second: Send an email to the SPTC (SPTC.INFO@dhSES.ny.gov) with the following information:

(The following page of this document has a checklist to ensure you have submitted all required information.)

- A copy of your FAA Part 107 Certification
- Flight records documenting 10+ hours of flight time
- List of equipment you will bring for the course
- Indication if you will fly during the night flight portion on Day 1

Students attending this course are required to bring their agency's :

- UAS platform(s)
- Batteries
- Chargers
- Controllers
- Tablets
- Landing Pads
- Anti-collision strobes (If participating in night flight)
- Part 107 Certification

If students wish to fly during the night flight operations portion:

- Hard copy of 107.29 Daylight Operations waiver OR
- Hard copy of COA outlining night flight training permissions

No Show Policy

Failure to attend a class you have registered for can result in restriction on future course attendance and agency notification. If you have not received a confirmation or denial two weeks prior to the course date, please contact DHSES, SPTC at (315) 768-5689 or SPTC.INFO@dhSES.ny.gov

Lodging

Lodging will be provided on the night of October 31st, 2019 for public sector personnel.

You are eligible for lodging if your residence and official work station are more than 50 miles from the SPTC and you are public sector personnel. Lodging is not available for federal employees or private industry participants. You must be enrolled in the course and have received lodging confirmation from the SPTC before arriving at the Center, or your lodging will not be covered and you will not be allowed in the class.

If you have any questions, please contact the SPTC at 315-768-5689 or SPTC.INFO@dhSES.ny.gov prior to

For More Information, please contact the DHSES State Preparedness Training Center (SPTC)

Phone: 315-768-5689

Email: SPTC.INFO@dhSES.ny.gov

Website: www.dhSES.ny.gov/sptc

Unmanned Aircraft Systems: Advanced Operator Course (UASAOC)

Please complete the following fields in entirety.

Participant Information:	
Name of participant	
Name of jurisdiction	
Provide a copy of 107 (Attach in email)	
Provide a copy of your COA (If flying under a COA for night flight)	
Will you be flying during the Night Flight module? <i>(NOTE: You MUST provide your own authorization for night flight)</i>	
UAS Equipment Information:	
Make / model of platform(s)	
Number of controllers	
Number of batteries	
What is the duration of battery life?	
Charging capability (please specify make and model)	
Specialized sensors (e.g. FLIR)	
Please elaborate on any formal / Informal UAS training you have received	
Night Flight Module:	
Do you possess approved aircraft lighting for night flight (visible from three statute miles)?	
Are you flying under a 107.29 Daylight Operations Waiver or COA?	
If 107.29, please provide proof:	
If COA, please copy and paste language that allows you to fly at SPTC at night for the purposes of training	