

ALEA EXPO 2017
RENO, NV | JULY 24-29



**REMOTE
 PILOT'S
 TRAINING
 COURSE**

LOCATION:

Peppermill Hotel; Naples 6

COURSE LENGTH:

Three days, 24 classroom hrs.

DATE / TIME:

Monday, July 24 –
 Wednesday, 26, 2017
 0800 – 1700 hours each day

INSTRUCTOR:

ALAN FRAZIER

Assistant Professor, Aviation
 University of North Dakota

Bringing 34 years of experience in local, state and federal law enforcement agencies, Alan spent the majority of his career with the Glendale (CA) Police Department, where he served in a wide variety of assignments including officer-in-charge of the Air Support Unit.

Alan is currently employed as an assistant professor of aviation at the University of North Dakota, where he teaches helicopter and public safety related courses. He is also employed as a Grand Forks County (ND) Deputy Sheriff, supervising the department's Unmanned Aircraft Systems Unit. Alan possesses an FAA Airline Transport Certificate with airplane, helicopter, glider and flight instructor ratings.

COURSE OBJECTIVES: This course is designed to provide the student with a review of the Federal Aviation Regulations PART 107 Remote Pilot Certification Process. The course is a must-have for agencies to train their personnel on how to operate sUAS and to obtain pilot certification. This course will prepare the student to successfully take the FAA Pilot's Exam for this rating. Successful completion requires attendance at all classroom sessions.

Maximum enrollment: 60

INTENDED AUDIENCE: This course is intended for public safety personnel, both sworn and non-sworn, that are interested in obtaining their FAA Remote Pilot Certificate under FAR PART 107.

COURSE OUTLINE

| DAY ONE | | |
|----------------|-----------------------------------|--------------|
| 0800 – 0830 | Introductions and Course Overview | Alan Frazier |
| 0830 – 0930 | sUAS Missions and Applications | Alan Frazier |
| 0930 – 1030 | FAR PART 107: The Small UAS Rule | Alan Frazier |
| 1030 – 1200 | National Airspace System | Alan Frazier |
| 1200 – 1300 | Lunch On Own | |
| 1300 – 1430 | Airspace, Safety and Charts | Alan Frazier |
| 1430 – 1600 | Aerodynamics | Alan Frazier |

| DAY TWO | | |
|----------------|---------------------------|--------------|
| 0800 – 1000 | Flight Demonstrations | Alan Frazier |
| 1000 – 1100 | Radio Communications | Alan Frazier |
| 1100 – 1230 | Meteorology | Alan Frazier |
| 1230 – 1330 | Lunch On Own | |
| 1330 – 1430 | Interpreting Weather Data | Alan Frazier |
| 1430 - 1600 | Human Factors | Alan Frazier |

| DAY THREE | | |
|------------------|---|--------------|
| 0800 - 0930 | Weight and Balance and sUAS Performance | Alan Frazier |
| 0930 – 1100 | Emergencies | Alan Frazier |
| 1100 – 1200 | sUAS Maintenance and Pre-Flight Inspections | Alan Frazier |
| 1200 – 1300 | Lunch On Own | |
| 1300 – 1330 | Exam Review | Alan Frazier |
| 1330 – 1430 | Remote Pilot Certification Process | Alan Frazier |
| 1430 – 1530 | Exam | Alan Frazier |
| 1530 – 1700 | Exam Debrief. Wrap-Up and Certificates | Alan Frazier |

Sponsored by

