



SMG
SUNDANCE MEDIA GROUP
UAS EDUCATION AND CONSULTING



NIGHT UAV FLIGHT

Night Flight Training

This one-of-a-kind training session will provide information that will allow pilots to understand the safety issues and physical challenges presented when flying UAVs at night. This course will ensure a best-practice process to sidestep these challenges, while properly assessing and managing the risks associated with night flight (as waived per Part 107.29). You'll also learn the foundation of applying for a COW/COA for night flight from an experienced night-flight pilot. We will also discuss acclimating your eye for night flight. We will also cover the use of lights to illuminate our subjects and how to avoid "light contamination" in our eyes.

After a comprehensive classroom theory session (approximately 2.5 to 3 hours), we will then head out to a pre-agreed upon location for the practical component of this night flight training. Our instructors will present different types of visual illusions that commonly occur at night. In this practical hands-on class, we will discuss visual illusions as well as best practices for night flying. We will cover Autokinesis and Night Landing Illusions and how to avoid them.



Format

Session Description – One Day Training Session	Training Time
Classroom Training & Testing	2.5 - 3 hours
Practical In-Field Training*	3 - 4 hours
Total Session	5.5 – 7 hours



** Two (2) instructors and 1 assistant; to a max of 5 attendees

Includes

- 1 Certificate of night flight training, which can be used to expedite FAA waiver
- 1 Red light flashlight
- 1 Night Flight Manual

*Includes SMG's UAVs outfitted with FAA required lighting.

