



GETTING YOUR COMMERCIAL DRONE LICENSE

14 CFR PART 107 – COMMERCIAL USE OF UNMANNED AERIAL VEHICLES

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The Agenda

- What Is A Drone License And What Does It Mean?
- The Drone Licensing Experience:
 - ▣ What to Expect and How to Prepare
 - ▣ The Licensing Process: Coursework and Flight Training
 - ▣ The FAA Test
 - ▣ Applying for Your License

What is a Drone License?



The FAA Remote Pilot Certificate (aka Drone License) allows operators to fly a UAS for work, business, or non-recreational reasons.

Why Get a Drone License?

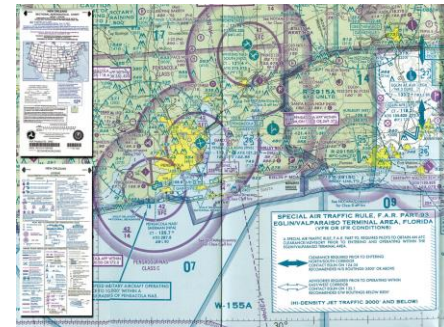
- Consider this.....
- Licensed (Commercial) Drone Operation vs. Hobbyists
- Understanding the Flight Environment
 - Where can you fly?
 - Congested Air Space (Class A-G Airspace)
 - Sensitive Sites
 - Special Use Areas

Why Get a Drone License?

- For Businesses – Licensing is Crucial.....
 - Understanding Liability
 - Liability Insurance for Flight Operations
 - Liability Insurance for Drones
 - Liability Insurance for Remote Pilots and Remote Observers
 - Public Relations and Operations
 - Understanding the Limitations of Being a Commercial Drone Operator
 - Legal Obligations (FAA, Local, State And Federal Laws, etc.)
 - Flight Operations (must have 2 people)
 - Operational Waivers

Getting Your Drone License

- Coursework and Flight Training
- Training Options: Who, What, When, Where
- What you need to learn
 - [AirNav.com](https://www.airnav.com)
 - [SkyVector.com](https://www.skyvector.com) - BWI/Thurgood Marshall Airport
 - [Sectional Flight Map - BWI/DC Region](#)
 - [Aviation Impact Locations - BWI/Thurgood Marshall Airport](#)



Getting Your Drone License

- CCBC Prof. Pilot – Unmanned Aircraft Systems degree
- CCBC 2-day “boot camp”
- Eligibility
 - Anyone 16 years of age or older
 - Anyone able to read, speak, write, and understand English
 - Exceptions may be made if the person is unable to meet one of these requirements for a medical reason, such as hearing impairment
 - Be in a physical and mental condition to safely operate a small UAS
 - **Current pilot:** pass **Aeronautical Knowledge Test** on FAA website
 - **Non-pilot:** pass the initial Aeronautical Knowledge Test at an FAA-approved Airman Knowledge Testing Center
- Does the test include a flying portion?
 - No, you will not be required to operate a drone as part of the exam

The FAA Test

KNOWLEDGE AREAS ON THE FAA REMOTE PILOT EXAM

The Unmanned Aircraft General – Small Airman knowledge test covers the following knowledge areas:

- (1) Applicable regulations relating to small unmanned aircraft system rating privileges, limitations, and flight operation;
- (2) Airspace classification, operating requirements, and flight restrictions affecting small unmanned aircraft operation;
- (3) Aviation weather sources and effects of weather on small unmanned aircraft performance;
- (4) Small unmanned aircraft loading;
- (5) Emergency procedures;

The FAA Test (continued)

- (6) Crew resource management;
- (7) Radio communication procedures;
- (8) Determining the performance of small unmanned aircraft;
- (9) Physiological effects of drugs and alcohol;
- (10) Aeronautical decision-making and judgment;
- (11) Airport operations; and
- (12) Maintenance and preflight inspection procedures.

- All test questions are objective and multiple-choice.
- The minimum passing score is 70 percent.
- The UAG test contains 60 questions and you are allowed 2 hours to complete.

The FAA Test

- FAA Regulations – 15-20%
- Airspace and Flight Limitations – 8-15%
- Weather – 11-16%
- Drone Loading and Performance – 7-11%
- Flight Operations – 13-18%

Applying For Your License

- Register and login to FAA Integrated Airman Certification & Rating Application [IACRA](#)
- Fill out application (FAA Form 8710-13) to get license
- FAA will issue a temporary license once the TSA security background check has been completed
- A permanent license is sent via mail after internal processing is complete
- Your license must be renewed every 24 calendar months

Learning to Fly

- What kind of drone to get started?
- \$ 2,000+
- DJI Spark – fly-more kit



Helpful Resources

- www.faa.gov/uas
 - ▣ Study guides, regulatory info, “how to”
- www.faa.gov/safety
 - ▣ Knowledge Test for current pilots
- www.aopa.org
- YouTube
 - ▣ Study sessions, drone reviews
- Online Courses

Contact Us

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Questions and Discussion

