

AIRMAN CERTIFICATION STANDARDS: REMOTE PILOT SMALL: You will know and be able to explain in writing or oral form the below tasks regarding

## FEDERAL AVIATION REGULATIONS

### I. Regulations Task

#### **Task A. General**

References 14 CFR part 107, subpart A; AC 107-2

Objective To determine that the applicant is knowledgeable in the general regulatory requirements of 14 Knowledge The applicant demonstrates understanding of:

UA.I.A.K1 1. The applicability of 14 CFR part 107 to small unmanned aircraft operations.

UA.I.A.K2 2. Definitions used in 14 CFR part 107.

UA.I.A.K3 3. The ramification of falsification, reproduction, or alteration of a certificate, rating, authorization, record, or report.

UA.I.A.K4 4. Accident Reporting.

UA.I.A.K5 5. Inspection, testing, and demonstration of compliance.

**Task B. Operating Rules**

References 14 CFR parts 47, 48 and 107, subpart B; AC 107-2

Objective To determine that the applicant is knowledgeable of the operating rules of 14 CFR part 107, the rules of 14 CFR parts 47 and 48, and other associated operating requirements.

Knowledge The applicant demonstrates understanding of:

1. Registration requirements for sUAS. UA.I.B.K2
2. The requirement for the sUAS to be in a condition for safe operation. UA.I.B.K3
3. Medical condition(s) that would interfere with safe operation of an sUAS.
4. The responsibility and authority of the remote PIC.
  - a. Allowing a person other than the remote PIC to manipulate the flight controls. UA.I.B.K5
5. Regulatory deviation and reporting requirements for in-flight emergencies.
6. Hazardous operations.
  - a. Careless or reckless
  - b. Dropping an object
7. Operating from a moving aircraft or moving land- or water-borne vehicle.
8. Alcohol or drugs and the provisions on prohibition of use.
9. Daylight operation.
10. Visual line of sight (VLOS) aircraft operations.
11. The requirements when a visual observer is used.
12. The prohibition of operating multiple sUAS.
13. The prohibition of carrying hazardous material.
14. Staying safely away from other aircraft and right-of-way rules.
  - a. See and avoid other aircraft and other potential hazard considerations of the remote UA.I.B.K15
15. Operations over human beings.
16. Prior authorization required for operation in certain airspace.
17. Operating in the vicinity of airports.
18. Operating in prohibited or restricted areas.
19. Flight restrictions in the proximity of certain areas designated by notice to airmen (NOTAM).
20. Preflight familiarization, inspection, and actions for aircraft operations.
21. Operating limitations for sUAS.
  - a. Maximum groundspeed
  - b. Altitude limitations
  - c. Minimum visibility
  - d. Cloud clearance requirements
22. The requirements for a Remote Pilot Certificate with an sUAS Rating.

**Task C. Remote Pilot Certification with an sUAS rating**

References 14 CFR part 107, subpart C; AC 107-2

Objective To determine that the applicant is knowledgeable in the requirements associated with remote with an sUAS rating.

Knowledge The applicant demonstrates understanding of:

- 1. Offenses involving alcohol or drugs.
- 2. The consequences of refusing to submit to a drug or alcohol test or to furnish test results.
- 3. The eligibility requirements for a Remote Pilot Certificate with an sUAS rating.
- 4. Aeronautical knowledge recency.

**Task D. Waivers**

References 14 CFR part 107, subpart D; AC 107-2

Objective To determine that the applicant is knowledgeable of the FAA waiver policy and requirements.

Knowledge The applicant demonstrates understanding of:

- 1. The waiver policy and requirements.

Finally...

## UAS Privacy Best Practices

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### Guidelines for Neighborly Drone Use:

- If you can, tell other people you'll be taking pictures or video of them before you do so.
- If you think someone has a reasonable expectation of privacy, don't violate that privacy by taking pictures, video, or otherwise gathering sensitive data, unless you've got a very good reason.
- Don't fly over other people's private property without permission if you can easily avoid doing so.
- Don't gather personal data for no reason, and don't keep it for longer than you think you have to.
- If you keep sensitive data about other people, secure it against loss or theft.
- If someone asks you to delete personal data about him or her that you've gathered, do so, unless you've got a good reason not to.
- If anyone raises privacy, security, or safety concerns with you, try and listen to what they have to say, as long as they're polite and reasonable about it.
- Don't harass people with your drone.

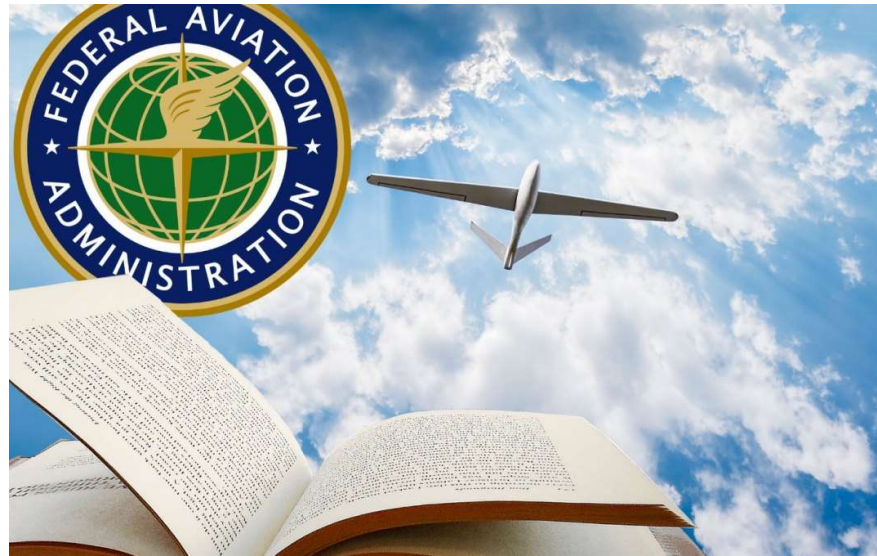
## *FAR PART 107*

FAR 107 are Federal Aviation Regulations for the operation of Unmanned Aircraft Systems and Certification of Remote Pilots. We will review first the ACS for this lesson then the following FAR 107 chapters.

CHAPTER 5. PART 107 SUBPART B, OPERATING LIMITATIONS FOR SMALL UNMANNED AIRCRAFT SYSTEMS (sUAS)

CHAPTER 6. PART 107 SUBPART C, REMOTE PILOT CERTIFICATION

CHAPTER 7. sUAS MAINTENANCE AND INSPECTION



We shall now review the full text contents of Part 107.

Open [AC 107-2.pdf](#)