



UAS 1011-51

FAA Regulations: Part 107

Lesson 1c: Remote Pilot Certificate & Waivers

# FAA Regulations: Objectives

- To determine that the applicant is knowledgeable in the general regulatory requirements of 14 CFR part 107.
- To determine that the applicant is knowledgeable of the operating rules of 14 CFR part 107, the registration rules of 14 CFR parts 47 and 48, and other associated operating requirements.
- To determine that the applicant is knowledgeable in the requirements associated with remote pilot certification with an sUAS rating.
- To determine that the applicant is knowledgeable of the FAA waiver policy and requirements.

# Remote Pilot Certification with an sUAS rating - Alcohol and Drug Offenses

Conviction for offenses involving alcohol or drugs.

a. A conviction for the violation of any Federal or State drug statute is grounds for:

- Denial of an application for a remote pilot certificate with a small UAS rating for a period of up to 1 year after the date of final conviction;

OR

- Suspension or revocation of a remote pilot certificate with a small UAS rating.

# Remote Pilot Certification with an sUAS rating - Alcohol and Drug Offenses

The consequences of refusing to submit to a drug or alcohol test or to furnish test results is grounds for:

- Denial of an application for a remote pilot certificate with a small UAS rating for a period of up to 1 year after the date of that refusal;

OR

- Suspension or revocation of a remote pilot certificate with a small UAS rating.

# Eligibility for a Remote Pilot Certificate with an sUAS rating

- a. Be at least 16 years of age.
- b. Be able to read, speak, write, and understand the English language. (Exceptions may be made for medical reasons)
- c. Be in a physical and mental condition that would not interfere with the safe operation of an sUAS.
- d. Pass the initial aeronautical knowledge test at an FAA-approved knowledge testing center (KTC).
- e. Pass a background check by the Transportation Security Administration upon submission of the application for a Remote Pilot Certificate.

# The requirements for the RPIC

- a. Obtain a Remote Pilot Certificate with a small UAS rating (Does not expire).
- b. Pass a recurrent aeronautical knowledge test every 24 months.
- c. Upon request by the FAA, make available the small UAS for inspection or testing, along with any required documents/records.
- d. Report any accident that results in serious injury or property damage over \$500 to the FAA within 10 calendar days of the incident.
- e. Conduct a preflight inspection that includes specific aircraft and control station systems checks, to ensure the small UAS is safe for operation.

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# FAA Regulations: Part 107 – Waivers

- a. Waivable sections of Part 107 Regulations
  - Operation from a moving vehicle or aircraft
  - Daylight operation
  - Visual line of sight aircraft operation
  - Visual observer
  - Operation of multiple small unmanned aircraft systems
  - Yielding the right of way
  - Operation over people
  - Operation in certain airspace
  - Operating limitations for small unmanned aircraft



# FAA Regulations: Part 107 – Waivers

You want to...	Part 107 regulation you need a waiver from...
Fly a UAS from a moving aircraft or a vehicle in populated areas	§ 107.25 – Operation from a Moving Vehicle or Aircraft
Fly a UAS at night	§ 107.29 – Daylight Operations
Fly a UAS beyond your ability to clearly determine its orientation with unaided vision	§ 107.31 – Visual Line of Sight Aircraft Operation
User a visual observer without following all visual observer requirements	§ 107.33 – Visual Observer
Fly multiple UAS with only 1 remote pilot	§ 107.35 – Operation of Multiple Small UAS
Fly a UAS without having to give way to other aircraft	§ 107.37(a) – Yielding Right of Way
Fly a UAS over a person/people	§ 107.39 – Operation Over People
Fly a UAS: <ul style="list-style-type: none"> <li>• Over 100 miles per hour groundspeed</li> <li>• Over 400 feet above ground level (AGL)</li> <li>• With less than 3 statute miles of visibility</li> <li>• Within 500 feet vertically or 2000 feet horizontally from clouds</li> </ul>	§ 107.51 – Operating limitations for Small Unmanned Aircraft

Source: [https://www.faa.gov/uas/commercial\\_operators/part\\_107\\_waivers/](https://www.faa.gov/uas/commercial_operators/part_107_waivers/)

# Waivers are changing!

- Monday, January 14, 2019
- FAA Announces - "Notice of Proposed Rulemaking" (NPRM)
- "Today, there are even more applications and opportunities for small UAS that either did not exist or were only in their nascent stages in 2016. The FAA's challenge in developing this proposal, therefore, is to balance the need to mitigate the risk small unmanned aircraft pose to other aircraft and to people and property on the ground without inhibiting innovation."

DOT Secretary Elaine L. Chao &

FAA Acting Administrator Daniel Elwell

# Proposed Changes to Part 107

- Allow flights over people and at night without a waiver;
  - Expand the list of provisions under Part 107 that can be waived;
  - Expand the requirement to present your remote pilot certification to the Administrator upon request to other law enforcement entities such as federal, state, and local law enforcement; and
  - Make changes to the Part 107 testing and training process
- These are PROPOSED and only available in DRAFT form right now.
- **THEY DO NOT CHANGE THE CURRENT REGULATIONS!**