

# Registration

AC

*107-2 5.4*

- Must be registered prior to operating under PART 107
- 14 CFR Part 48: streamlined online registration available at: <https://registermyuas.faa.gov/>
- 14 CFR Part 47: General aviation registration process is also an acceptable avenue to register a UAS, though much more difficult and time consuming.
- Additional requirements for foreign-owned UAS detailed in 14 CFR Part 375

# Safe Operations

*AC 107-2*

*5.5, 5.9, 7.3*

- It is the responsibility of the PIC to ensure the UAS is maintained in a condition for safe operation
  - Prior to flight, the PIC should perform a pre-flight inspection (Guidance provided in AC 107-2 Chapter 7 Section 3)
- In addition to the aircraft, safe operation also require the PIC to perform other safety related actions prior to flight
  - Crewmember briefings
  - Aviation weather analysis
  - Aircraft loading and performance analysis
  - Emergency procedures review

# Medical Conditions

*AC 107-2*

*5.6, A 5.4.2*

- All direct participants/required personnel involved in the operations of a UAS should be in adequate mental and physical condition at the time of flight
  - This includes the PIC, all visual observers, anyone else that may be manipulating the controls of the UAS or otherwise involved in the operation
- No specific Airman Medical Certificate is required, however no one shall operate a UAS if they know or have reason to believe their physical or mental condition may interfere with safe operations.
- A list of obvious examples of conditions that present a risk to the safe operation of a UAS are presented in AC 107-2 5.6.1

# PIC Responsibility

AC

*107-2 5.2, 5.3*

- The PIC is directly responsible for and the final authority over the operations of the UAS
- A person MAY NOT act as the PIC or the VO in the operations of more than one UA at the same time
- To act as the PIC, a person must hold a remote pilot certificate with an sUAS rating and have it in his/her possession

# Regulatory deviations

AC

*107-2 4.5, 5.17*

- Accident reporting requirements are detailed in section 4.5
- Deviations from the requirements of Part 107 are allowed under emergency procedures
  - Pilot is required to send a written report of the deviation to the FAA *if requested*

# Hazardous Operations

*AC 107-2*

*5.13.2, 5.18*

- As with manned aircraft, remote PICs are prohibited from engaging in careless or reckless operations.
- UAS have many operational considerations not present in manned aviation that may present additional activity that can be deemed as careless and reckless
  - Most notably proximity to densely populated areas during operations
- Dropping Items From a UAS
  - Allowed “so long as it does not endanger people or property”