

# UAS IN THE USA: REGULATIONS IN THE UNITED STATES

Integration of UAVs has to be safe, efficient and timely. Safety is the FAA's primary mission. The agency is committed to reducing delays, minimizing risk, and increasing system reliability



The Small UAVs rule (Part 107) from the FAA has several key provisions:

- 1 Unmanned aircraft must weigh less than 55 pounds, including payload, at takeoff.
- 2 Fly in Class G airspace.
- 3 Keep the unmanned aircraft within visual line-of-sight.
- 4 Fly at or below 400 feet.
- 5 Fly during daylight or civil twilight.
- 6 Fly at or under 100 mph.
- 7 Yield right of way to manned aircraft.
- 8 Do not fly directly over people.
- 9 Do not fly from a moving vehicle, unless in a sparsely populated area.
- 10 Pilots must be at least 16 years old, pass an aeronautical knowledge test at an FAA-approved knowledge testing center, and undergo a TSA security screening.

Drone Safety Tips for Commercial Use in the U.S. from Bradley Booth, UAV Pilot:



Register your drone



Get a Remote Pilot Certificate from the FAA



Fly your drone at or below 400 feet



Keep your drone within your line of sight



Don't fly in controlled airspace near airports



Never fly over groups of people, public events, or stadiums full of people

Surveying, land development, infrastructure inspection, environmental monitoring, precision agriculture and public safety are done more efficiently and effectively with the help of professional-grade, fully-integrated systems from Microdrones.

