New FAA Part 107 Drone Regulations & General Drone Information
Hobbiest and Commercial Drone Pilots

- Who is a “Hobbiest” Drone Pilot?
- Who is a “Commercial” Drone Pilot?
Registration

• You need to register your aircraft if it weighs between 0.55 lbs. (250 grams) and up to 55 lbs. (25 kg)
• You will be subject to civil and criminal penalties if you meet the criteria to register an unmanned aircraft and do not register
• Regardless if Hobby or Commercial use
• Registration must be on aircraft and be accessible without the use of tools
Know Before You Fly

DO:
- Fly your unmanned aircraft below 400 feet
- Fly with local clubs
- Inspect your aircraft before you fly
- Take a lesson before you fly

DON'T:
- Fly near airports or any manned aircraft
- Fly near people or stadiums
- Be careless or reckless. You could be fined if you endanger people or other aircraft
- Fly anything that weighs more than 55 lbs.
- Fly for payment or commercial purposes unless specifically authorized by the FAA

www.faa.gov/uas • www.knowbeforeyoufly.org

Small UAV Coalition
A Partnership for Safety & Innovation
AMA
AUVSI
Federal Aviation Administration
Where can I fly?

- FAA Air Space Classifications
  - A – Class A exists within the United States from 18,000 feet MSL to and including 60,000 feet MSL.
  - B – Class B includes all airspace from an airport’s established elevation up to 12,000 feet MSL.
  - C – The top of Class C is normally set at 4,000 feet AGL
  - D – Class D is a radius of five miles around the airport. This controlled airspace extends from the surface to about 2,500 feet AGL
  - E – Class E generally exists from 700/1200 feet AGL to the bottom of Class A airspace at 18,000 feet MSL.
  - G – Class G lies between the surface and 700/1200 feet AGL.

- Class G is “Good to go”
- Flying as a Hobbieist vs. Commercial Pilot

![National Airspace System Diagram]
Aeronautical charts
Where can’t I fly?

- FAA Airspace Classifications
- Directly over people
- Stadiums
- Airports
- Military Operation Areas
When can I fly

• FAA stance on “Daylight”
  o Dawn
  o Dusk
When can’t I fly?

- Hours of darkness
- Weather
- Location
Why hire a licensed Commercial Drone Pilot?

- Licensed by the FAA to operate a drone in FAA Airspace (Where authorized)
- Insured
- Trusted
- Knows FAA laws to include NOTAMS
- Can gain authorizations from the FAA to operate in normally unauthorized locations (Air Space)
- Invested – Both time and money to keep NAS, public and businesses safe and profitable.