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FAR Part 107 Drones

General Rules

- For drones under 55 pounds:
 - Must register all drones (unless under .55 pounds & recreational only)
 - Must have registration with you when you fly
 - Must be labeled with the FAA registration number
- Need a drone license for work/business (commercial use)
- Do not need a drone license for fun/hobby (recreational use)



For Hobby

- Must fly for hobby or recreation ONLY (no side jobs)
- Must register your UAV with the FAA
- Must fly within visual line-of-sight; personally or within line of sight of your Visual Observer (VO)
- Must follow community-based safety guidelines
- Must fly a drone under 55 lbs. unless certified by a community-based organization
- Must never fly near other aircraft, over people/vehicles (certain exceptions apply), stadiums, within 5 miles of airports, large crowds, etc.
- Must fly in Class G airspace. If you need to fly in Class B, C, D or E controlled airspace, **you need to apply for airspace authorization**. You can use an app authorized with LAANC, DroneZone, or a written request.



For Hobby Continued

- DO NOT CONTACT THE AIR TRAFFIC CONTROL TOWER OR AIRPORT FOR DRONE QUESTIONS OR PERMISSION
- Must stay below 400' AGL (Above Ground Level)
- Use B4UFLY app to see restrictions and limitations in your area
- Must never fly near emergency response efforts
- Never fly under drugs or alcohol
- Report any accidents to the FAA within 10 days of any operation that results in injury or property damage over \$500
- Before all flights, conduct a preflight inspection; check Weather, Notice to Airmen (NOTAMs), and Temporary Flight Restrictions (TFRs). B4UFLY will help with this. Links on the last slide.



For Hobby Continued

NEW RULES SOON TO BE ENFORCED (CHECK ONLINE FOR EFFECTIVE DATES)

- Remote ID tracking system required (effective 2022-2023)
- If you must fly over people, your drone must have NO open rotating parts (when this law comes into effect)
- Anti-collision lights for night flight (30 minutes after sunset to 30 minutes before sunrise)
 - Must have 3 miles visibility and receive special training



To Fly Under Part 107 (Commercial Use)



Part 61 Pilots:

- Take an online course on FAA website
- Fill out form for remote pilot certificate

Non-pilots:

- Be at least 16 years old.
- Pass the Aeronautical Knowledge Test
- Apply for and obtain a Remote Pilot Certificate
- Pass a TSA background check

Maintaining Your License for Part 107

- Maintain drone registration every 36 months (\$5 for 3 years)
- Keep the registration card with you when flying
- Pass a recurrent aeronautical knowledge test every 24 months (for Part 107; soon for recreational pilots as well)
- Be compliant in any random FAA audits
- Report any accidents to the FAA within 10 days of any operation that results in injury or property damage over \$500
- Before all flights, conduct a preflight inspection; check Weather, Notice to Airmen (NOTAMs), and Temporary Flight Restrictions (TFRs). B4UFLY will help with this



Possible Future Changes

- Pass an online aeronautical test for recreational pilots
- How it will recognize community based organizations



Resources and Links

- A general checklist
 - Do your preflight and check weather
 - Check [B4UFLY](#) for restrictions and limitations
 - If you need airspace authorization, check info on apps with the [LAANC capability](#), [DroneZone](#), or a written request

For more information, visit these links:

FAA Website on Becoming a Drone Pilot

https://www.faa.gov/uas/commercial_operators/become_a_drone_pilot/

B4UFLY:

https://www.faa.gov/uas/recreational_fliers/where_can_i_fly/b4ufly/

LAANC Information and Approved Apps:

https://www.faa.gov/uas/programs_partnerships/data_exchange/

Drone Zone Info:

<https://faadronezone.faa.gov/#/>

BE SAFE AND USE COMMON SENSE!