

PROGRESSIVE CATTLEMAN Guidelines for flying UAVs

By Megan K. Clayton for *Progressive Cattleman*

Whether for recreation or business, the use of unmanned aerial vehicles (UAVs), also known as drones, is becoming common in ranching and agriculture. Here are key safety and legal requirements to know before using your device.

RECREATION

- Must register drones between 0.55 pounds and under 55 pounds, unless certified by a community-based organization
- No pilot requirements are required.
- Stay 5 miles from airports without prior permission from an airport or air traffic control.
- ALWAYS yield right-of-way to manned aircraft.
- Keep drones within line of sight.
- Never fly near emergency responders.
- You must follow community-based safety guidelines.
- Check the B4UFLY app for additional restriction information.

COMMERCIAL

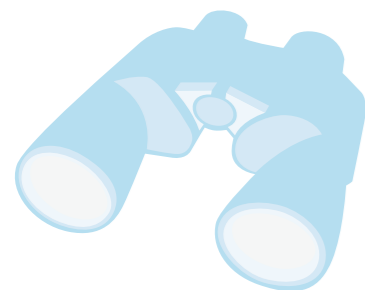
(when a pilot earns a salary or income associated with the flying purpose)

- Under the Small UAS (sUAS) Rule from Aug. 29, 2016, you must apply for a public certificate of waiver or authorization (COA) or pass the FAA Part 107 Knowledge Test and obtain a sUAS pilot's rating.

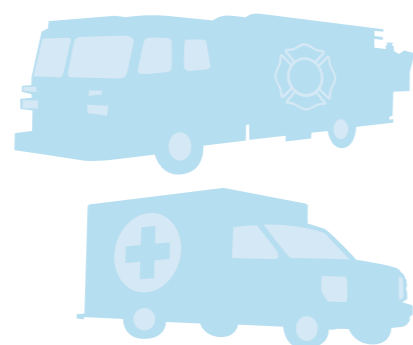
PART 107 RULE REQUIREMENTS

- Must be at least 16 years old
- Pass an initial aeronautical knowledge test, must re-pass every two years.
 - Test taken at an FAA-approved testing center
 - Pilot vetted by the Transportation Safety Administration (TSA)
- Must register drones over 0.55 pound and under 55 pounds
- Operating Rules:
 - Class G airspace *
- Restrictions may include:
 - Military operations, controlled firing areas
 - Stadiums and sporting events one hour before and after, within 3 nautical miles
 - Wildfire firefighting operations
 - Airports, within 5 miles (Class B, C, D)
- Cannot fly over correctional and US Immigration and Customs Enforcement detention facilities
 - Exceptions: Law enforcement agencies
- Cannot fly over large sports venues
 - Exceptions: Permission of the operator of the sports venue
- Additional Rules:
 - Cannot photograph people or property with the intent of snooping
 - Keep aircraft in sight *
 - Fly under 400 feet
 - Fly during the day *
 - Fly at or below 100 mph
 - Yield right of way to manned aircraft
 - Must NOT fly over people *
 - Must NOT fly from a moving vehicle *

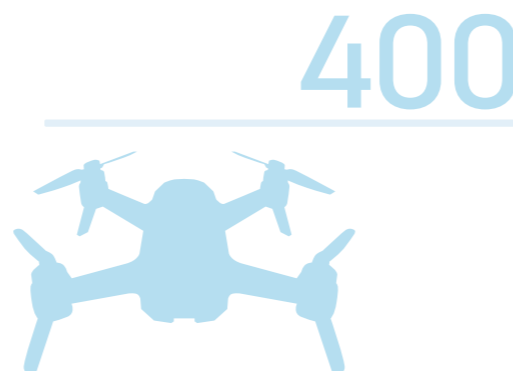
* Eligible for certificate of waiver; may take up to 90 days



Keep drones within line of sight.



Never fly near emergency responders.



Fly under 400 feet.

REGISTERING YOUR DRONE

- FAA requires drone owners (anything used for hobby or commercial purposes) to register if the drone weighs over 0.55 pound and less than 55 pounds.
- Registration number must be marked on each drone.
- Pilot must have certificate in possession while operating UAV, can be electronic.
- The online sUAS Registration System is open for all owner types and purposes.
- registermyuas.faa.gov



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More information: www.faa.gov/uas/getting_started