

2019-20 Auxier Drone Club Safety Guidelines

Auxier Drone Club students and parents: Please review the standard safety guidelines for small unmanned aircraft systems (sUAS) when used for recreational purposes. Please review and return Mr. Landon at the second meeting on Friday, August 23, 2019.

What are the safety guidelines for sUAS recreational users?

Follow community-based safety guidelines, as developed by organizations such as the [Academy of Model Aeronautics](http://knowbeforeyoufly.org/for-recreational-users/) (AMA). (<http://knowbeforeyoufly.org/for-recreational-users/>)

- Fly no higher than 400 feet and remain below any surrounding obstacles when possible.
- Keep your sUAS in eyesight at all times, and use an observer (spotter) to assist if needed.
- Remain well clear of and do not interfere with manned aircraft operations, and you must see and avoid other aircraft and obstacles at all times.
- Do not intentionally fly over unprotected persons or moving vehicles, and remain at least 25 feet away from individuals and vulnerable property.
- Contact the airport and control tower before flying within five miles of an airport or heliport. (Read about best practices [here](#))
- Do not fly in adverse weather conditions such as in high winds or reduced visibility.
- Ensure the operating environment is safe and that the operator is competent and proficient in the operation of the sUAS.
- Do not fly near or over sensitive infrastructure or property such as power stations, water treatment facilities, correctional facilities, heavily traveled roadways, government facilities, etc.
- Check and follow all local laws and ordinances before flying over private property.
- Do not conduct surveillance or photograph persons in areas where there is an expectation of privacy without the individual's permission.

Thank you to Mrs. Kristy Braaksma and the KGA Drone Flying Club for sharing these guidelines!

Auxier Drone Club

My child and I have reviewed the Auxier Drone Club safety guidelines and agree to comply as a recreational user of a small unmanned aircraft system.

Student Full Name _____ Student Signature _____

Parent Full Name _____ Parent Signature _____

Parent Phone and email _____

Please return to Mr. Landon at our next Drone Club Meeting on August 23, 2019.

2019 Auxier Drone Club - Flight Manual

Pilot Name: _____ My Flight Team: _____

Ground School:

1. *How does an airplane work?*

2. *How does a helicopter work?*

3. *How does a quadcopter work?*

4. *Aviation Vocabulary:*

- *FAA:*
- *UAV:*
- *sUAS:*
- *Pitch:*
- *Yaw:*
- *Roll / Tilt:*
- *Altitude;*
- *Airspeed:*
- *Distance:*

5. Parts of the drone:



6. Parts of the controller:

