

Unmanned Aircraft System (UAS)



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Operating Your Drone

- Register your drone
- Operating your drone
- The FAA rules you need to follow while flying your drone will depend on your mission:
 - Recreational Fliers & Modeler Community-Based Organizations
 - Certificated Remote Pilots including Commercial Operators

Airspace 101 – Rules of the Sky

- FAA rules apply to the entire National Airspace System -- there is no such thing as "unregulated" airspace
- Drone operators should be familiar with the difference between controlled and uncontrolled airspace
 - Where you can legally fly
- Controlled airspace
 - Found around some airports and at certain altitudes where air traffic controllers are actively communicating with, directing, and separating all air traffic
- Uncontrolled airspace
 - Air traffic controllers are not directing air traffic within its limits

Airspace 101 – Rules of the Sky

- In general, you can only fly your drone in uncontrolled airspace below 400 feet above the ground (AGL)
- Read more about [controlled and uncontrolled airspace](#)
- There are thousands of private pilots who fly in both controlled and uncontrolled airspace at various altitudes
 - They usually cannot see your drone until it's too close for comfort
 - Drone operators are responsible for staying away from manned aircraft, not the other way around!

Airspace Guidance for Small UAS Operators

Upper Limit Undefined

CLASS E

FL 600
18,000 MSL

CLASS A

CLASS E

14,500 MSL

CLASS B

Air traffic authorization required

1,200 AGL

700 AGL
CLASS G
400 AGL

1,200 AGL

700 AGL
CLASS G
400 AGL

CLASS C

Air traffic authorization required

Needs Waiver above 400ft

1,200 AGL

700 AGL
CLASS G
400 AGL

CLASS D

Air traffic authorization required

CLASS E
Surface Area

Air traffic authorization required

AGL Above Ground Level
FL Flight Level
MSL Mean Sea Level

Class E Surface Extension

Airspace Guidance for Small UAS Operators



Federal Aviation Administration