

# Drone Operational Guidance Resource

Revised 12/20/17

	FLY FOR FUN	FLY FOR WORK – PART 107	FLY FOR WORK – SECTION 333	GOVERNMENT - (ANY PUBLIC ENTITY)
PILOT REQUIREMENTS	<ul style="list-style-type: none"> <li>No pilot requirements</li> </ul>	<ul style="list-style-type: none"> <li>Must have Remote Pilot Airman Certificate</li> <li>Must be 16 years old</li> <li>Must pass TSA vetting</li> </ul>	<ul style="list-style-type: none"> <li>Sport or recreational pilot certificate and a valid driver's license</li> </ul>	<p><u>OPERATING UNDER PART 107:</u></p> <ul style="list-style-type: none"> <li>Must have Remote Pilot Airman Certificate</li> <li>Must be 16 years old</li> <li>Must pass TSA vetting</li> </ul> <p><u>OR OPERATING UNDER COA:</u></p> <ul style="list-style-type: none"> <li>Self-certification of drone pilot</li> </ul>
AIRCRAFT REQUIREMENTS	<ul style="list-style-type: none"> <li>Must be registered if between 0.55 - 55 lbs<sup>†</sup> (reinstated 12/2017)</li> </ul>	<ul style="list-style-type: none"> <li>Must be less than 55 lbs</li> <li>Must be registered if between 0.55 - 55 lbs</li> <li>Must undergo pre-flight check to ensure UAS is in condition for safe operation</li> </ul>	<ul style="list-style-type: none"> <li>All drones must be registered with the FAA regardless of weight</li> </ul>	<p><u>OPERATING UNDER PART 107:</u></p> <ul style="list-style-type: none"> <li>Must be less than 55 lbs</li> <li>Must be registered if between 0.55 - 55 lbs</li> <li>Must undergo pre-flight check to ensure UAS is in condition for safe operation</li> </ul> <p><u>OR OPERATING UNDER COA:</u></p> <ul style="list-style-type: none"> <li>All drones must be registered with the FAA regardless of weight</li> </ul>
LOCATION REQUIREMENTS	<ul style="list-style-type: none"> <li>Within 5 miles of an airport/heliport the operator must provide the airport/air traffic control/hospital with prior notice of operation</li> <li>When flying from a permanent location within 5 miles of an airport/hospital heliport, the operator should establish a mutually agreed upon operating procedure with the airport/air traffic control/hospital</li> </ul>	<ul style="list-style-type: none"> <li>Class B, C, D and E airspace operation with Air Traffic Control (ATC) permission prior to flight*</li> <li>Class G <u>does not</u> require ATC approval (this includes hospital helipads/heliports)*</li> </ul>	<ul style="list-style-type: none"> <li>Class B, C, D and E airspace operation with Air Traffic Control (ATC) permission prior to flight</li> <li>Class G <u>does not</u> require ATC approval (this includes hospital helipads/heliports)</li> </ul>	<p><u>OPERATING UNDER PART 107:</u></p> <ul style="list-style-type: none"> <li>Class B, C, D and E airspace operation with Air Traffic Control (ATC) permission prior to flight*</li> <li>Class G does not require ATC approval (this includes hospital helipads/heliports)*</li> </ul> <p><u>OR OPERATING UNDER COA:</u></p> <ul style="list-style-type: none"> <li>Dependent upon the specific requirements outlined in the COA</li> </ul>
OPERATING RULES	<ul style="list-style-type: none"> <li>Must ALWAYS yield right of way to manned aircraft</li> <li>Must keep the aircraft in sight (visual line-of-sight)</li> <li>Must be under 55 lbs</li> <li>Must follow community-based safety guidelines</li> <li>Must notify hospital with airport/heliport and air traffic control tower before flying within 5 miles of an airport/heliport</li> </ul>	<ul style="list-style-type: none"> <li>Must keep the aircraft in sight (visual line-of-sight)*</li> <li>Must fly under 400 feet*</li> <li>Must fly during the day*</li> <li>Must fly at or below 100 mph*</li> <li>Must yield right of way to manned aircraft*</li> <li>Must NOT fly over people*</li> <li>Must NOT fly from a moving vehicle*</li> </ul>	<ul style="list-style-type: none"> <li>Operation of the drone 400 feet or less above ground level</li> <li>Drone must be flown within visual line-of-sight (not from a screen) during daytime hours only</li> <li>Between 2-5 nautical miles from an airport or public heliport depending upon the capabilities of the facility (Note: Hospital heliports were left out of the criteria which is a major safety issue for air medical helicopters)</li> </ul>	<p><u>OPERATING UNDER PART 107:</u></p> <ul style="list-style-type: none"> <li>Must keep the aircraft in sight (visual line-of-sight)*</li> <li>Must fly under 400 feet*</li> <li>Must fly during the day*</li> <li>Must fly at or below 100 mph*</li> <li>Must yield right-of-way to manned aircraft*</li> <li>Must NOT fly over people*</li> <li>Must NOT fly from a moving vehicle*</li> </ul> <p><u>OR OPERATING UNDER COA:</u></p> <ul style="list-style-type: none"> <li>Dependent upon the specific requirements outlined in the COA</li> </ul>
EXAMPLE APPLICATIONS	<ul style="list-style-type: none"> <li>Educational or recreational flying only</li> </ul>	<ul style="list-style-type: none"> <li>Flying for commercial use (e.g. providing aerial surveys or photography services)</li> <li>Flying incidental to a business (e.g. doing roof inspections or real estate photography)</li> </ul>	<ul style="list-style-type: none"> <li>Flying for commercial use (e.g. conducting aerial mapping or precision agriculture)</li> </ul>	<p><u>OPERATING UNDER COA:</u></p> <ul style="list-style-type: none"> <li>Comply with Part 107 rules</li> </ul>
LEGAL OR REGULATORY BASIS	<ul style="list-style-type: none"> <li>Public Law 112-95, Section 336 - <i>Special Rule for Model Aircraft</i></li> <li>FAA Interpretation of the Special Rule for Model Aircraft</li> <li>Advisory Circular 91-57A (Change 1) 11Jan16 (This is the most concise document that outlines recreational operations)</li> </ul>	<ul style="list-style-type: none"> <li>Title 14 of the Code of Federal Regulations (14 CFR) Part 107</li> </ul>	<ul style="list-style-type: none"> <li>Title 14 of the Code of Federal Regulations (14 CFR)</li> </ul>	<p><u>OPERATING UNDER COA:</u></p> <ul style="list-style-type: none"> <li>Flying must be conducted for a government function</li> </ul>

Part of this chart is from – [http://www.faa.gov/uas/getting\\_started/](http://www.faa.gov/uas/getting_started/)

\*These rules are subject to waiver