

Unmanned Aircraft Systems (UAS) Rules and Regulations of Florida



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GLOSSARY OF TERMS

- Aircraft: any contrivance invented, used, or designed to navigate, or fly in, the air
- Airport: a landing area used regularly by aircraft for receiving or discharging passengers or cargo
- ATO: Air Traffic Organization
- ATC: Air Traffic Control
- Calibration: The science of determining and compensating for error in a Camera or Lens
- COA: Certificate of Waiver or Authorization (COA)
- FAA: Federal Aviation Administration
- Fixed Wing: Aircraft with one or more fixed wings with a motor forward of or behind the wings
- FLIR: Forward-Looking InfraRed (Camera)
- IMU: Inertial Measurement Unit
- INS: Inertial Navigation System
- Launch area: Open area, field, parking lot, or airport used, or intended to be used, for the launching of aircraft
- Landing area: Open area, field, parking lot, or airport used, or intended to be used, for the landing of aircraft
- LiPo: Lithium Polymer (battery type)
- Multi Rotor: Multi Rotor VTOL Aircraft. Usually with, 4, 6, or 8 rotors
- Operations Area: Geographic area where UAS mission will take place
- Part 107 (14 CFR): Federal Regulations governing use of UAS
- Remote Pilot: Pilot in Command as used in 14 CFR Part 107
- Rotorcraft: Single rotor Aircraft (Helicopter)
- Sectional Aeronautical Charts: Designed for visual navigation of slow to medium speed aircraft, these are to be used when submitting COA applications (or Waiver requests) and communicating operations area with the ATC and FAA
- SOP: Standard Operational Procedures
- UAS: Unmanned Aircraft System
- UAV: Unmanned Aerial Vehicle
- VO: Visual Observer
- VTOL: Vertical Take Off and Landing
- Waiver: Authorization beyond approved use under 14 CFR Part 107
- Sensors: Can Include, Multi Spectral or Thermal Cameras, or LiDAR, etc.
- Payload: Item or Items (sensors) carried by UAS.

GENERAL REQUIREMENTS

In order for Consultants to operate UAS for SWFWMD (District) projects, they must operate in compliance with FAA rules and regulations and Florida law.

Florida Law

Consultants for the District shall also abide by the rules pursuant to section [934.50, Florida Statutes \(F.S.\)](#), and its associated rules.

Pursuant to section [934.50\(7\), Florida Statutes](#), the Department of Management Services (DMS) promulgated [Rule 60GG-2.0075, Florida Administrative Code](#), which provides that governmental agencies may only use a drone (UAS) from a manufacturer that meets the minimum security standard requirements specified in this rule.

It is the responsibility of the Consultant to ensure that they also comply with these requirements.

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