

Unmanned Aerial System

614.1

The purpose of this policy is to establish guidelines and protocol for the deployment and use of the Unmanned Aerial System (UAS) including the retention and/or destruction of media obtained using the UAS in accordance with applicable Federal law, State law, and City of Elk Grove regulations.

614.1.1 DEFINITIONS

Definitions related to this policy include:

Drone as a First Responder (DFR) - Drones are strategically stationed Unmanned Aerial Systems (UAS) throughout the City, ready to immediately respond to calls for service and piloted by a remote operator. DFR may virtually arrive on scene to provide situational awareness for officer safety and resource management in addition to reducing response times. De-escalation techniques and enhanced situational awareness allow responding officers to have real-time video intelligence prior to contacting subjects.

Unmanned Aerial System (UAS) - An unmanned aircraft of any type that is capable of sustaining directed flight, whether preprogrammed or remotely controlled (commonly referred to as an unmanned aerial vehicle (UAV)), and all of the supporting or attached systems designed for gathering information through imaging, recording or any other means.

614.2 POLICY

Unmanned Aerial Systems may be utilized to enhance the department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

614.3 PRIVACY

The use of the UAS potentially involves privacy considerations. Absent a warrant or exigent circumstances, operators and observers shall not intentionally record or transmit images of any location where a person would have a reasonable expectation of privacy (e.g., residence, yard, enclosure). Operators and observers shall take reasonable precautions to avoid inadvertently recording or transmitting images of areas where there is a reasonable expectation of privacy. Reasonable precautions can include, for example, deactivating or turning imaging devices away from such areas or persons during UAS operations.

614.4 PROGRAM COORDINATOR

The Chief of Police will appoint a program coordinator who will be responsible for the management of the UAS program. The program coordinator will ensure that policies and procedures conform to current laws, regulations, and best practices and will have the following additional responsibilities:

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- Coordinating the FAA Certificate of Waiver or Authorization (COA) application process and ensuring that the COA is current, and/or coordinating compliance with FAA Part 107 Remote Pilot Certificate, as appropriate for department operations.
- Ensuring that all authorized operators and required observers have completed all required FAA and department-approved training in the operation, applicable laws, policies, and procedures regarding use of the UAS.
- Developing uniform protocol for submission and evaluation of requests to deploy a UAS, including urgent requests made during ongoing or emerging incidents.
- Coordinating the completion of the FAA Emergency Operation Request Form in emergency situations, as applicable (e.g., natural disasters, search and rescue, emergency situations to safeguard human life).
- Developing protocol for conducting criminal investigations involving a UAS.
- Developing an operational protocol governing the deployment and operation of a UAS including but not limited to safety oversight, use of visual observers, establishment of lost link procedures, and secure communication with air traffic control facilities.
- Developing a protocol for fully documenting all missions.
- Developing a UAS inspection, maintenance, and record-keeping protocol to ensure continuing airworthiness of a UAS, up to and including its overhaul or life limits.
- Developing protocols to ensure that all data intended to be used as evidence are accessed, maintained, stored, and retrieved in a manner that ensures its integrity as evidence, including strict adherence to chain of custody requirements. Electronic trails, including encryption, authenticity certificates, and date and time stamping, shall be used as appropriate to preserve individual rights and to ensure the authenticity and maintenance of a secure evidentiary chain of custody.
- Developing protocols that ensure retention and purge periods are maintained in accordance with established records retention schedules.
- Facilitating law enforcement access to images and data captured by the UAS.
- Recommending program enhancements, particularly regarding safety and information security.
- Ensuring that established protocols are followed by monitoring and providing periodic reports on the program to the Chief of Police.
- Maintaining familiarity with FAA regulatory standards, state laws and regulations, and local ordinances regarding the operations of a UAS.

614.5 TRAINING NEEDS ASSESSMENT

The UAS Program Coordinator shall conduct an annual needs assessment to ensure that training is conducted within unit capabilities, department policy, and training guidelines as established by the FAA.

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614.6 DEPLOYMENT PROCEDURE

Requests to deploy Unmanned Aerial Systems shall be prompted by a call for service generated by the public, or at the direction of a supervisor.

614.7 USE OF UAS

Only authorized operators who have completed the required training shall be permitted to operate the UAS.

Use of vision enhancement technology (e.g., thermal and other imaging equipment not generally available to the public) is permissible in viewing areas only where there is no protectable privacy interest or when in compliance with a search warrant or court order. In all other instances, legal counsel should be consulted.

UAS operations should only be conducted consistent with FAA regulations.

614.8 PROHIBITED USE

The UAS video surveillance equipment shall not be used:

- To conduct random surveillance activities.
- To target a person based solely on actual or perceived characteristics, such as race, ethnicity, national origin, religion, sex, sexual orientation, gender identity or expression, economic status, age, cultural group, or disability.
- To harass, intimidate, or discriminate against any individual or group.
- To conduct personal business of any type.
- The UAS shall not be weaponized.

614.9 DATA COLLECTION AND RETENTION

To avoid missing critical evidence during UAS operations, all UAS video will be recorded during flight. The pilot will manually activate the record feature on the UAS before take-off and will stop recording after landing. Evidence, and non-evidentiary data collected by the UAS shall be retained as provided in the established records retention schedule. Video and live feeds activated during training missions need not be stored as evidence.