
Unmanned Aerial System (UAS) Operations

613.1 PURPOSE AND SCOPE

The purpose of this policy is to establish guidelines for the use of an unmanned aerial system (UAS) and for the storage, retrieval and dissemination of images and data captured by the UAS.

613.1.1 DEFINITIONS

Definitions related to this policy include:

Unmanned Aerial System (UAS) - An unmanned aircraft of any type that is capable of sustaining directed flight, 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.

613.2 POLICY

Unmanned aerial systems may be utilized to enhance the department's mission of protecting lives and property when other means and resources are not available or are less effective. Any use of a UAS will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations.

613.3 PRIVACY

The use of the UAS potentially involves privacy considerations. Absent a warrant or exigent circumstances, operators and observers shall adhere to FAA altitude regulations and 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.

613.4 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:

- Coordinating the FAA Certificate of Waiver or Authorization (COA) application process and ensuring that the COA is current.
- 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. Deployment of a UAS shall require authorization of the Chief of Police or the authorized designee, depending on the type of mission.

Richmond Police Department

Richmond PD CA Policy Manual

Unmanned Aerial System (UAS) Operations

- Developing protocol for conducting criminal investigations involving a UAS, including documentation of time spent monitoring a subject.
- 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.
- 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 the program.

613.5 USE OF UAS

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

1. All flights will be approved in advance by a lieutenant and in the absence of management personnel, the sergeant will have the authority to approve missions.
2. All flights will be documented on the mission dispatch form designed for the purpose and all flight time shall be accounted for on the form. The reason for the flight and type of mission as specified and the name of the police manager or supervisor approving the mission will also be documented.
3. The manager or supervisor approving any flight missions, UAS operators and observers will consider the protection of individual civil rights and the reasonable expectation of privacy as a key component of any decision made to deploy the UAS. Each UAS operator and observer will ensure that the operation of the UAS is consistent with local, state, and federal laws.
4. The use of the UAS will be limited to the authorized missions described herein. The authorized missions for the RPD UAS are:
 - Post-incident crime scene preservation and documentation
 - Explosive Ordinance Disposal (EOD) missions
 - Response to hazardous materials spills
 - Search and Rescue (SAR) missions defined in California Government Code Section 26614