

# Unmanned Aerial System

## 612.1 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 (Minn. Stat. § 626.19).

### 612.1.1 DEFINITIONS

Definitions related to this policy include:

**Unmanned aerial system (UAS)** - An unmanned aircraft of any type that is capable of sustaining directed flight, whether preprogrammed or remotely controlled without the possibility of direct human intervention from within or on the aircraft (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 (Minn. Stat. § 626.19).

## 612.2 POLICY

A UAS may be utilized to enhance the Office'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.

## 612.3 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.

## 612.4 PROGRAM COORDINATOR

The Sheriff 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, and/or coordinating compliance with FAA Part 107 Remote Pilot Certificate, as appropriate for office operations.
- Ensuring that all authorized operators and required observers have completed all required FAA and office-approved training in the operation, applicable laws, policies, and procedures regarding use of the UAS.

# Renville County Sheriff's Office

## Renville County Sheriff's Office Policy Manual

### *Unmanned Aerial System*

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- Developing uniform protocols 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 written authorization of the Sheriff or the authorized designee, depending on the type of mission.
- 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 protocols for conducting criminal investigations involving a UAS, including documentation of time spent monitoring a subject.
- Implementing a system for public notification of UAS deployment.
- Developing operational protocols 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 Sheriff.
- Maintaining familiarity with FAA regulatory standards, state laws and regulations, and local ordinances regarding the operations of a UAS.
- Developing protocols for reviewing and approving requests for use of the Office UAS by government entities (Minn. Stat. § 626.19).
- Preparing and submitting the required annual report to the Commissioner of Public Safety (Minn. Stat. § 626.19).
- Posting the Office policies and procedures regarding the use of UAV on the office website, as applicable (Minn. Stat. § 626.19).
- Reviewing the program and UAS use for compliance with Minn. Stat. § 626.19.

# Renville County Sheriff's Office

Renville County Sheriff's Office Policy Manual

## *Unmanned Aerial System*

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### **612.5 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.

Members shall not use a UAS without a search warrant, except (Minn. Stat. § 626.19):

- (a) During or in the aftermath of an emergency situation or disaster that involves the risk of death or bodily harm to a person.
- (b) Over a public event where there is a heightened risk to the safety of participants or bystanders.
- (c) To counter the risk of a terrorist attack by a specific individual or organization if the agency determines that credible intelligence indicates a risk.
- (d) To prevent the loss of life or property in natural or man-made disasters and to facilitate operation planning, rescue, and recovery operations.
- (e) To conduct a threat assessment in anticipation of a specific event.
- (f) To collect information from a public area if there is reasonable suspicion of criminal activity.
- (g) To collect information for crash reconstruction purposes after a serious or deadly collision occurring on a public road.
- (h) Over a public area for deputy training or public relations purposes.
- (i) For purposes unrelated to law enforcement at the request of a government entity, provided the request is in writing and specifies the reason for the request and a proposed period of use.

#### **612.5.1 DOCUMENTATION REQUIRED**

Each use of a UAS should be properly documented by providing the following (Minn. Stat. § 626.19):

- (a) A unique case number
- (b) A factual basis for the use of a UAS
- (c) The applicable exception, unless a warrant was obtained

### **612.6 PROHIBITED USE**

The UAS video surveillance equipment shall not be used:

- To conduct random surveillance activities.

# Renville County Sheriff's Office

Renville County Sheriff's Office Policy Manual

## *Unmanned Aerial System*

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- 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 (Minn. Stat. § 626.19).

### **612.6.1 ADDITIONAL PROHIBITIONS**

Unless authorized by a warrant, a UAS shall not be deployed with facial recognition or biometric-matching technology (Minn. Stat. § 626.19).

Unless authorized by a warrant or for purposes of a permitted use outlined in this policy, a UAS shall not be used to collect data on public protests or demonstrations (Minn. Stat. § 626.19).

### **612.7 RETENTION OF UAS DATA**

Data collected by the UAS shall be disclosed or deleted as required by Minn. Stat. § 626.19, including the deletion of collected data as soon as possible, and in no event later than seven days after collection, unless the data is part of an active criminal investigation (Minn. Stat. § 626.19).

### **612.8 UAS REQUESTS AND DEPLOYMENT PROCEDURE**

The following processes and procedures shall apply to all requests and deployments of Renville County Sheriff's Office's UAS systems.

#### **612.8.1 REQUESTS FOR UAS ASSISTANCE**

- A. Requests for UAS assistance from RCSO deputies
  1. Deputies must use discretion and, if needed to protect lives and property when other means and resources are not available or are less effective, may request a UAS team to assist. All requests for UAS assistance should be routed through Dispatch.
  2. Upon receiving a request for UAS assistance from a deputy, Dispatch should determine whether or not additional deputies, including off-duty deputies, will be needed.
  3. If additional deputies are needed, Dispatch should notify personnel via the Active911 application, which includes notification of supervisors. A supervisor must contact the requesting deputy, review the circumstances of the request and then either grant or deny permission for the UAS request. The Sheriff or Chief Deputy shall be notified of any authorized flight.
  4. If no additional personnel are needed, Dispatch should notify an RCSO supervisor and advise them of the UAS assistance request. The supervisor must contact the requesting deputy, review the circumstances of the request and then either grant or deny permission for the request. The Sheriff or Chief Deputy shall be notified of any authorized flight.

# Renville County Sheriff's Office

## Renville County Sheriff's Office Policy Manual

### *Unmanned Aerial System*

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- B. Requests for UAS assistance from an outside agency
  - 1. Upon receiving a request for UAS assistance from an outside agency, Dispatch should immediately forward the call to a RCSO supervisor. The supervisor will review the circumstances of the request with the outside agency and then either grant or deny permission for the UAS request.
  - 2. If the request is granted, the supervisor will notify Dispatch, who should dispatch assisting deputies via the Active911 application. The Sheriff or Chief Deputy shall be notified of any authorized flight.

#### 612.8.2 DEPLOYMENT OF UAS

- A. Following receipt of the Active911 notification for UAS assistance, deputies should respond with their availability in the Active911 application. At least two (2) trained personnel are required for all deployments of the UAS; one pilot and at least one visual observer. Only authorized operators who have completed the required training shall be permitted to operate the UAS.
- B. The designated UAS team members shall assure that supervisory approval has been granted for the UAS mission and should discuss the case details and flight request with the requesting deputy or outside agency representative. Statutory authorization for the flight (warrant or authorized exception) must be determined by the responding UAS team. Legal consultation may be necessary. All flights must conform to FAA rules, including the COA issued to the Renville County Sheriff's Office.
- C. Prior to launching the UAS, the following must be accomplished:
  - 1. (a) Go to The Federal Aviation Administration's website and check for Temporary Flight Restrictions (TFR) for the area of the proposed flight at: <http://tfr.faa.gov/tfr2/list.html>
  - (b) Complete the RCSO UAS Checklist form, Sections A through D, including case RCSO case number
  - (c) Visual inspection of the UAS, to include the aircraft, controller(s) and/or video monitor(s)
  - (d) If necessary or warranted, members of the public in the area of the UAS flight may be notified via the CodeRED notification system
  - (e) Issue a Notice to Airmen (NOTAM) as described in the COA.
    - 1. Contact NOTAM Flight Service Station at: 1-877-4-US-NTMS (1-877-487-6867)
    - 2. Give name and contact information for pilot filing NOTAM request
    - 3. Give location, altitude and operating area of the flight
    - 4. Give time and nature of activity
- D. Following the flight, complete Section E of the RCSO UAS Checklist form.
- E. If applicable, remove data card from aircraft and secure as evidence.