



PRINCE GEORGE FIRE AND EMS

Section: Operations

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Section No: 2.10

Date: May 1, 2017

Title: UAS Response Team

Authorized By:

I. Policy

The Prince George County Unmanned Aerial System (UAS) Response Team will fall under the direction of the Director of Fire and EMS or designee.

II. Purpose

This policy sets forth how the UAS Response Team will operate the aircraft in coordination with PGFEMS operations conducting a specific mission as guided by the Certificate of Authorization (COA) 2016-ESA-267 issued by the Federal Aviation Administration (FAA). This policy is designed to minimize risk to people, property, and aircraft during the operation of the UAS while continuing to safeguard the community/public.

III. Procedure

A. The UAS Response Team will be authorized to operate on the following incidents:

1. Search and Rescue
2. Fire Ground Size-up (Structural and Wildland)
3. Hazmat Incidents
4. All other incidents approved by the Director of Fire and EMS and within the COA issued by the FAA.
5. All non-emergency and training flights must be conducted by or in direct guidance of an authorized FAA part 107 UAS remote pilot.

B. The UAS Response Team will designate which unit will be utilized for the mission.

1. UAS 1 – Primary response unit, capable of high definition imagery and thermal imagery simultaneously.
2. UAS 2 – Secondary response unit capable of providing high definition imagery only. This unit may be equipped with thermal imaging but cannot provide both imaging types simultaneously.



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C. Pilot in Command (PIC)

1. The PIC flies the aircraft and is the finale authority on all aspects of UAS operations on-scene.
2. The PIC may also instruct other operators to fly the aircraft under his/her direct supervision.
3. The PIC must be certified as a FAA part 107 remote pilot and pass an in house proficiency test on flight and regulations.

D. Dispatch

1. The UAS Response Team shall be requested through the ECC.
2. The designation is "UAS Response Team" for calling out the PIC and the aircraft to an incident.
3. The Director of Fire and EMS or designee shall submit an updated call out list as necessary, to be utilized by the ECC when the UAS Response Team is requested.
4. The dispatch center will contact the on-call PIC via telephone.
5. The PIC will make notifications to other team members as necessary.
6. The PIC will notify the ECC to timestamp the following critical benchmarks:
 - (i) UAS Team is enroute
 - (ii) UAS Team is on-scene
 - (iii) UAS "unit number" in the air – i.e "UAS 1 is in the air"
 - (iv) UAS "unit number" target identified
 - (v) UAS "unit number" subject located
 - (vi) UAS "unit number" on the ground



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A handwritten signature in black ink, appearing to read "James P. Lewis", is written over the "Authorized By:" text.