

Deerfield Police Department



sUAS Flight Report



Case Information				
Date of Call Out:	Time of Call Out:	Date of Flight:	Time of Flight:	Report Number:
Location of Flight:			sUAS:	
Pilot Information				
Remote Pilot in Command/Licensed:		Visual Observers:	LAANC #:	
Weather Information				
Winds/Gusts:	Visibility:	Cloud Cover %:	Precipitation:	Temperature:
Additional Notes:				
Pre-Flight Information				
Flight Purpose:		Waivers Required (Check):	Authorization (Check):	
Crime:		Night Operation:	Search Warrant:	
Crash:		Visibility:	Public Property:	
Other:		Airspace:	Consent:	By:
Number	Airspace			Completed
1	Check AIR CONTROL Application (Caution Alerts and LAANC)			
2	Potential Obstructions and Hazard Check			
Number	Weather			Completed
1	Visibility (3+ Statute Miles)			
2	Cloud Cover (500ft Vertical, 2000ft Horizontal)			
3	Verify suitable weather conditions for flight			
Number	sUAS Inspection			Completed
1	Structure, Propellers, Battery(s), and Controller Inspection			
2	Micro SD Examination/Inserted			
3	Anti-Collision Lighting (3 SM's) if Night Flight			
Number	sUAS Set-Up			Completed
1	Attach Display to Controller/Cables if applicable			
2	Power Up Controller and sUAS/Check Battery Levels			
3	Remove sUAS from Case			
4	Power up sUAS			
5	Remove Gimbal protection and visually inspect camera			
6	Inspect Propellers			
7	Conduct Pre-Flight control station diagnostics			

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Number	Flight Area Examination	Completed
1	Identify Perimeter and Flight Path/Hazards	
2	Identify Higher Detail Area/Verify Evidence Marking – if applicable	
3	Place 3 Evidence Markers for Measurement scale - if applicable	
Number	Personnel Briefings	Completed
1	Notify Communications and outside agency liaison	
2	Brief Visual Observer (VO) and All Flight Crew (if applicable)	
3	Prepare Flight Area/Notify Bystanders	
4	Verify Remote Pilot in Command License/Waivers on Scene/LAANC	
5	Brief Area Personnel and Clear Scene/Give Alerts	
Number	sUAS Flight Information	Completed
1	Establish Take Off Location/+20' Radius/No Overhead Obstruction	
2	Power Up Controller and Launch DJI Application	
3	Power Up sUAS	
4	Confirm Camera Transmission	
5	Confirm GPS Mode Activated (Green Light)	
6	Launch and Hover Check – Controls respond to directional input by Pilot	
7	Begin Flight Operations	
Number	sUAS Scene Survey (Crash/Other Scene if applicable)	Completed
1	100' Overview Pass/80% Overlap, Each Point in 5 Photos, Center Scene	
2	50' Survey Grid/75% Overlap, Each Point in 4 Photos, 3 Passes/Edge, Center, Edge, Shoulder, Sidewalks, Topography Highlights, etc.	
3	25' Evidence Grid/50% Overlap, Each Point in 3 Photos, Paint/Marker and Evidence	
4	25' Vehicle Path/50% Overlap, Each Point in 3 Photos	
5	15'-25' Vehicle Orthographics (Overhead 90%)/50% Overlap, Each Point in 3 Photos	
6	15'-25' Vehicle Oblique (Sides)/360*, 20' Away	
7	50'-75' Oblique (45* End Caps)/From Each End of Scene/Road Edges and Center	
8	200' Single Pass Overhead	
9	Highest and Lowest Altitude	
Number	sUAS Return Flight	Completed
1	Check Hazards/Clear and Safe Landing Zone	
2	Lower and Hover	
3	Verify landing zone terrain and land	
4	Review that any taken Images are captured and saved (Play button)	
5	Inspect Propellers	
6	Inspect and Secure Camera Gimbal	
7	Remove sUAS Battery(s), Shut Down Controller, Secure equipment	

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Number	Final Scene Documentation	Completed
1	Advise All that sUAS Flight Mission is Complete	
2	Measure and Photograph Calibration Reference Markers (Crash/Other Scene)	
RP 1 to RP 2 Distance (ft):	RP 2 to RP 3 Distance (ft):	RP 1 to RP 3 Distance (ft):
Signatures		
Reporting Officer:		Supervisor Approval: