



UNMANNED AIRCRAFT SYSTEM PILOT PROGRAM

RIVERSIDE POLICE DEPARTMENT

Public Safety Committee
May 15, 2019

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DRONE-UNMANNED AIRCRAFT SYSTEM-(UAS)



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BACKGROUND



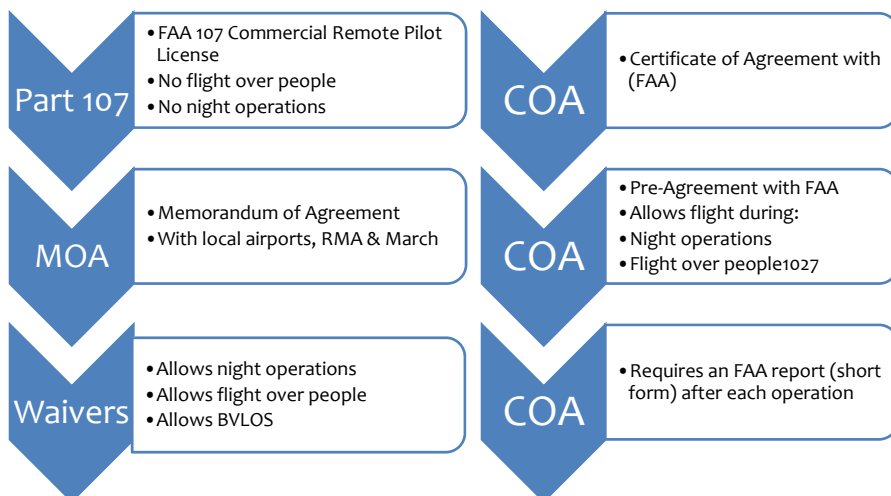
- RPD Research/Development of UAS program
- 8 Officers have FAA UAS Pilot's License



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Flight Authority



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Policy

Protects Constitutional Rights



Prohibited Uses

- ❖ Random Surveillance
- ❖ Target based on individual characteristics
- ❖ Harass intimidate or discriminate
- ❖ Conduct personal business
- ❖ UAS shall not be weaponized



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UAS VS HELICOPTER VS FIXED WING DIFFERENT MISSIONS



- Close up searches
- Extended Time on Target
- Portability and accessibility
- Real time observation at CP



- ❖ Essential for Pursuits
- ❖ Surveillance
- ❖ Video Downlink

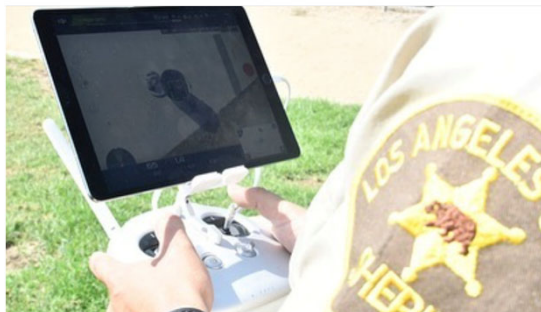


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External Training

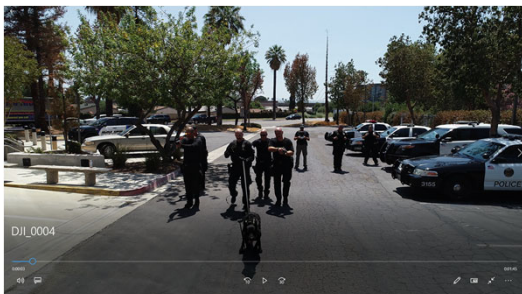
- ✓ Los Angeles Sheriff's Department
- ✓ Torrance Police
- ✓ Hemet Police
- ✓ Corona Police
- ✓ Long Beach Police Department
- ✓ Los Angeles Police Department



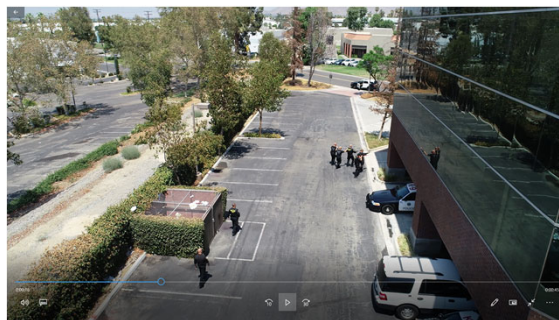
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Internal Training



K-9 Team Video Teaches Search Team Tactics



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Internal Training



Pre-Blast



Post-Blast



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UAS Operations = Force Multiplier



Missing Persons/Children

Tactical Operations

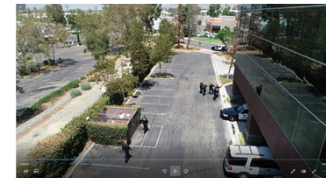
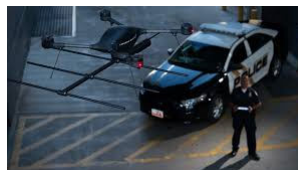


Technical Services Unit



Area Searches

Patrol



Training



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Planned Events



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GOALS AND OBJECTIVES

Fly real missions

Evaluate our performance



Evaluate our need

Evaluate our effectiveness



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Intent

- 90-Day Program
- May 1, 2019 through July 31, 2019
- Test and evaluate the effectiveness of the UAS



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RECOMMENDATION

That the Public Safety Committee receive a presentation on the Riverside Police Department Special Operations Division implementation of an Unmanned Aircraft System Pilot Program for 90 days to test and evaluate the effectiveness of the Unmanned Aircraft System for Police Operations.



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