



2024 MILITARY EQUIPMENT INVENTORY

Los Gatos Monte Sereno Police Department

Prior year (April 1, 2023 to September 17, 2024) usage summary, complaints received, audits and actions taken as a result.

The quantities associated with each item may have changed from the previous year due to training usage. The drone was used for critical incident infrastructure reconnaissance, missing persons cases and to assist with perimeter checks of expansive locations. There were no complaints received regarding this equipment. No internal or external audits were conducted or required as a result of not receiving complaints. There were no actions taken as a result. The items categories and types remain the same from the previous year.

1. Robot (Category 1)

a. Description, quantity, capabilities, and purchase cost:

The Robotex Avatar Tactical Robot is a battery powered, remote operated device. Equipped with two cameras and two-way radio capabilities. This equipment is for (potential) use during high-risk incidents. Use is limited to members of the Departments Crisis Response Unit. Incidents that may qualify for its use include, but are not limited to, a high-risk warrant service, barricaded subject, and hostage negotiation/rescue. Before entering a structure, particularly in a tactically compromised and dangerous situation, knowledge of a subject's location is very important, and the robot can provide that without placing anyone at risk. Cameras can also help determine if a subject is armed and if there are other subjects inside that need assistance. The two-way speakers can be used to de- escalate and determine resistance level.

i. Robotex Avatar Tactical Robot, cost: \$12,389.21 quantity:

1

b. Purpose:

To be used to remotely gain visual/audio data, deliver Crisis Negotiation Team (CNT) phone, disrupt packages, and clear buildings.

c. Authorized Use:

Only assigned operators who have completed the required training shall be permitted to operate the robot. Use is established by the Incident Commander. All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 309 – Search and Seizure, LGPD Policy 404 – Crisis Response Unit (CRU) Team.

d. Expected Lifespan:

10-15 years

e. Fiscal Impact:

No known annual maintenance cost.

2. Unmanned Aerial Vehicle (Category 1)

a. Description, quantity, capabilities, and purchase cost:

The Skydio 2 pro is a small non- commercial grade UAV. This UAV is a battery powered, remote operated device. Controller: Apple I pad. The controller allows the operators to control UAV and view live feed from UAV-mounted camera. Camera: Sony IMX577 camera. The camera provides operators the ability to switch between standard Flight time of approximately 25-30 minutes per battery, depending on weather and flight conditions. The UAV has also proven to be useful to public safety agencies in firefighting, search and rescue, pre-operational surveillance, and other tactical situations where aerial views enhance the safety and efficiency of law enforcement and fire personnel.

- i. Skydio 2 Pro unmanned aerial vehicle (UAV),
cost: \$6,902.35 quantity: 1.

b. Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. Major collision investigations.
- ii. Search for missing persons.
- iii. Natural disaster management.
- iv. Crime scene photography.
- v. Crisis Response Unit (CRU), tactical or other public safety and life preservation missions.
- vi. In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.

c. Authorized Use:

Only assigned operators who have completed the required training shall be permitted to operate the Skydio 2 pro during approved missions. All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 309 – Search and Seizure, LGMSPD Policy 314 – Missing Persons, LGMSPD Policy 608 – Unmanned Aerial System Operations, LGMSPD Policy 404 – Crisis Response Unit (CRU).

d. Expected Lifespan:

5 years

e. Fiscal Impact:

No known annual maintenance cost.

3. Unmanned Aerial Vehicle (Category 1)

a. Description, quantity, capabilities, and purchase cost:

The DJI Mavic 3T is a small non-commercial grade UAV. This UAS is battery powered, remote operated device. Controller: DJI RC Pro. The controller allows the pilots to control the UAV and view live feed from a UAV-mounted camera. Camera: DJI wide/zoom/thermal camera.

The camera provides the pilots the ability to switch between a wide camera view, zoom camera view, and a thermal camera view. UAV flight time of approximately 25-35 minutes depending on weather and flight conditions. The DJI Mavic 3T has been proven to be useful to public safety in firefighting, search and rescue, per-operation surveillance, and other tactical situation where aerial views enhance the safety and efficiency of law enforcement and fire personnel.

- i. The DJI Mavic 3T unmanned aerial vehicle (UAV),
cost: \$8,702.35 quantity: 3.

b. Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. Major collision investigations.
- ii. Search for missing persons.
- iii. Natural disaster management.
- iv. Crime scene photography.
- v. Crisis Response Unit (CRU), tactical or other public safety and life preservation missions.
- vi. In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.

c. Authorized Use:

Only assigned operators who have completed the required training shall be permitted to operate the DJI Mavic 3T during approved missions. All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 309 – Search and Seizure, LGMSPD Policy 314 – Missing Persons, LGMSPD Policy 608 – Unmanned Aerial System Operations, LGMSPD Policy 404 – Crisis Response Unit (CRU).

d. Expected Lifespan:

5 years

e. Fiscal Impact:

No known annual maintenance cost.

4. Unmanned Aerial Vehicle (Category 1)

a. Description, quantity, capabilities, and purchase cost:

The DJI Mini 3 Pro is a small non-commercial grade UAV. This UAS is battery powered, remote operated device. Controller: Google Pixel phone. The controller allows the pilots to control the UAV and view live feed from a UAV-mounted camera. Camera: DJI wide/zoom. The camera provides the pilots the ability to switch between a wide camera view and zoom camera view. UAV flight time of approximately 35-45 minutes depending on weather and flight conditions. The Mini 3 Pro has been proven to be useful to public safety in interior tactical situations where unmanned views enhance the safety and efficiency of law enforcement personnel.

- i. The DJI Mini Pro 3 unmanned aerial vehicle (UAV), cost: \$1,584.35 quantity: 3.

b. Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. Search for missing persons.
- ii. Natural disaster management.
- iii. Crime scene photography.
- iv. Crisis Response Unit (CRU), tactical or other public safety and life preservation missions.

c. Authorized Use:

Only assigned pilots who have completed the required training shall be permitted to operate the DJI Mavic 3T during approved missions. All other applicable LGMSPD policies remain in effect, to include, but are not limited to, LGMSPD Policy 309 – Search and Seizure, LGMSPD Policy 314 – Missing Persons, LGMSPD Police 608 – Unmanned Aerial System Operations, LGMSPD Policy 404 – Crisis Response Unit (CRU).

d. Expected Lifespan:

5 years

e. Fiscal Impact:

No known annual maintenance cost.

5. Unmanned Aerial Vehicle – *Proposed Purchase* (Category 1)a. Description, quantity, capabilities, and purchase cost:

The DJI Matrice 30T is a small commercial grade UAV. This UAS is battery powered, remote operated device. Controller: DJI RC Plus w/ 7" screen. The controller allows the pilots to control the UAV and view live feed from a UAV-mounted camera. Camera: DJI wide/zoom. The camera provides the pilots the ability to switch between a wide camera view, zoom camera view, and thermal view. UAV flight time of approximately 35-45 minutes depending on weather and flight conditions. The Matrice 30T has been proven to be useful to public safety in firefighting, search and rescue, per-operation surveillance, and other tactical situation where aerial views enhance the safety and efficiency of law enforcement and fire personnel.

- i. The DJI Matrice 30T unmanned aerial vehicle (UAV),
cost: \$14,063.99 quantity: 1.

b. Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. Flying in all weather conditions.
- ii. Major collision investigations.
- iii. Search for missing persons.
- iv. Natural Disaster Management.
- v. Crime scene photography.
- vi. Crisis Response Unit (CRU), tactical or other public safety and life preservation missions.
- vii. In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.

c. Authorized Use:

Only assigned pilots who have completed the required training shall be permitted to operate the DJI Mavic 3T during approved missions. All other applicable LGMSPD policies remain in effect, to include, but are not limited to, LGMSPD Policy 309 – Search and Seizure, LGMSPD Policy 314 – Missing Persons, LGMSPD Police 608 – Unmanned Aerial System Operations, LGMSPD Policy 404 – Crisis Response Unit (CRU).

d. Expected Lifespan:

5 years

e. Fiscal Impact:

This is a proposed purchase to replace the Skydio 2 Pro as the Skydio Pro 2 has been determined to be antiquated and this asset has all the same functionality, and much more: including accident and crime scene reconstruction as well as improved imaging capabilities. There is no known annual maintenance cost.

6. Unmanned Aerial Vehicle – *Proposed Purchase* (Category 1)

a. Description, quantity, capabilities, and purchase cost:

The DJI Avata is a small non-commercial grade UAV. This UAS is battery powered, remote operated device. Controller: Virtual goggles and motion controller. The controller allows the pilots to control the UAV and view live feed from a UAV-mounted camera. Camera: DJI 4K wide view. The camera provides the pilots the ability to switch between a wide camera view and zoom camera view. UAV flight time of approximately 15-18 minutes depending on weather and flight conditions. The Avata has been proven to be useful to public safety in interior tactical situations where unmanned views enhance the safety and efficiency of law enforcement personnel.

i. The DJI Avata unmanned aerial vehicle (UAV),

cost: \$1,934.00 quantity: 1.

b. Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. Search for missing persons.
- ii. Natural Disaster Management.
- iii. Crime scene photography.
- iv. Crisis Response Unit (CRU), tactical or other public safety and life preservation missions.

c. Authorized Use:

Only assigned pilots who have completed the required training shall be permitted to operate the DJI Avata during approved missions. All other applicable LGMSPD policies remain in effect, to include, but are not limited to, LGMSPD Policy 309 – Search and Seizure, LGMSPD Policy 314 – Missing Persons, LGMSPD Police 608 – Unmanned Aerial System Operations, LGMSPD Policy 404 – Crisis Response Unit (CRU).

d. Expected Lifespan:

5 years

e. Fiscal Impact:

This is a proposed purchase to replace the DJI Mini Pro 3 as the DJI Mini Pro 3 has been determined to be antiquated and this asset has all the same functionality, and much more including improved maneuverability. There is no known annual maintenance cost.

7. Specialized Firearms and Ammunition (Category 10)

a. Description, quantity, capabilities, and purchase cost:

The Carbine Rifle is a firearm, capable of accurately stopping an armed subject at various distances. The Carbine Rifle is a lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapon, designed for semi-automatic & selective fire. The Carbine Rifle does not have an expiration and will need to be serviced or replaced when the rifle fails or breaks. The .223 / 5.56 cartridge is

used as a lethal option designed to stop a violent encounter. The projectile is capable of penetrating soft body armor being worn by armed subjects.

- i. Colt AR-15/M4, Lewis Machine & Tool AR-15, and Aero Precision AR-15, cost: \$55,750 quantity: 50
- ii. The Speer .223 Remington, 62 grain, GDSP cartridge is the primary duty ammunition deployed during potential lethal encounters. Speer .223 Remington, 62 grain GDSP cartridge, cost: \$6572.64, quantity: 11,000.
- iii. The Federal .223 Remington, 55 grain cartridge is the primary training ammunition for the Department. Federal .223 Remington, 55 grain cartridge, cost: \$4,782.69 quantity: 11,000.
- iv. The Los Gatos-Monte Sereno Police Department Crisis Response Unit (CRU) was formed in 1985, in response to very dangerous or violent tactical encounters. The Sniper element deploys with precision rifles, which enables the stopping of an armed subject at a safe distance. The Sniper Rifle does not have an expiration and will need to be serviced or replaced when the Rifle fails or breaks. The .308 Winchester cartridge: is a rimless, bottlenecked rifle cartridge. The .308 WIN. cartridge is used as a lethal option designed to stop a violent encounter. The projectile is capable of penetrating soft body armor being worn by armed subjects. Aero Precision 308 Rifle, cost: \$5,362.80, quantity: 2.
- v. The Federal .308 WIN., 168 grain tactical tip, cartridge is ammunition deployed during potential lethal encounters at longer distances. The 168-grain projectile maintains accuracy, while resulting in higher impact velocities, less drop, less wind drift, and more energy on target. Federal

.308 WIN., 168 grain tactical tip, cost: \$2,145.00, quantity: 2,500.

vi. The Federal .308 WIN., 168 grain tactical bonded cartridge is ammunition deployed during potential lethal encounters, when shooting through barriers. The 168-grain Tactical Bonded projectile is capable of accurately striking targets behind an angled window or windshield, without the risk of unpredictable bullet deflection. Conventional bullets break apart or fragment when penetrating glass, which does not allow an accurate impact. Federal .308 WIN., 168 grain tactical bonded cartridge, cost: \$1,216.00, quantity: 800.

b. Purpose:

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

c. Authorized Use:

Only members that are POST certified are authorized to use a particular rifle. All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 300 – Use of Force, LGMSPD Policy 305 – Firearms Training and Qualifications, LGMSPD Policy 404 – Crisis Response Unit (CRU)

d. Expected Lifespan:

- i. Carbine Rifle – No expiration
- ii. Speer .223 Remington, 62 grain, – No expiration
- iii. Federal .223 Remington, 55 grain, – No expiration
- iv. Sniper Rifles – No expiration
- v. Federal .308 WIN. Tactical Tip, 168 grain – No expiration
- vi. Federal .308 WIN Tactical Bonded Tip, 168 Grain- No expiration

e. Fiscal Impact:

- i. Carbine Rifle – Annual cost between \$0-\$3,000

- ii. Speer .223 Remington, 62 grain- Annual cost between \$0- \$6,000.
- iii. Federal .223 Remington, 55 grain – Annual cost between \$0 - \$9,000.
- iv. Sniper Rifle – Annual cost between \$0-unknown for maintenance.
- v. Federal .308 WIN. Tactical Tip, 168 grain – Annual cost between \$0 - \$2,000.
- vi. Federal .308 WIN Tactical Bonded Tip, 168 Grain-Annual cost between \$0-\$2000.

8. Flashbangs (Category 12)

a. Description, quantity, capabilities, and purchase cost:

A Noise Flash Diversionary Devices (NFDD) is a device that creates a bright flash and loud sound to temporarily divert the attention of subjects in the immediate area. NFDD are used to distract and temporarily incapacitate dangerous suspects by overwhelming their senses of vision and hearing. The distraction allows officers to seize a moment of opportunity to take control of high-risk situations. Def Tech 11 Gr mini NFDD emits a loud “bang” and a flash of light.

- i. Def Tech 11 Gr mini NFDD, cost: \$2,403.50, quantity: 46

b. Purpose:

To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological / psychological sensory deprivation to give officers a tactical advantage.

c. Authorized Use:

Diversionary Devices shall only be used:

- i. By CRU officers who have been trained in their proper use.
- ii. In hostage and barricaded subject situations.

- iii. In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
- iv. During other high-risk situations where their use would enhance officer safety.
- v. During training exercises.

All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 300 – Use of Force, LGMSPD Policy 404 – Crisis Response Unit.

d. Expected Lifespan:

Def Tech 11-gram mini NFDD – 5 years

e. Fiscal Impact:

Def Tech 11 Gram mini NFDD – Annual cost between \$0 - \$2,403.50

9. Tear Gas (Category 12)

a. Description, quantity, capabilities, and purchase cost:

Chemical agent munitions, which are commonly referred to as “tear gas,” are used by the Los Gatos-Monte Sereno Police Department as a non-lethal tool to disperse rioting subjects and on barricaded suspects. The Los Gatos-Monte Sereno Police Department uses chemical agents which are used by law enforcement across the United States: CS (2-Chlorobenzylidenemalononitrile) and OC (Oleoresin Capsicum) CS is an irritating agent and lachrymator (irritates the eyes and causes tears to flow). CS has been medically tested in the UK and US, specifically by the U.S. Army. There are no known allergic reactions to CS. OC was de-regulated in California in 1996, is endorsed by the FBI, and is available to civilians to legally possess (2.5oz or less). OC is an inflammatory agent which causes involuntary closure of eyes (open in 2-5 minutes) and respiratory inflammation (subsides in approximately 2 minutes).

- i. Def Tech handheld OC/CS canisters, model #1050 Cost: \$ 301.25, quantity: 5

b. Purpose:

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include, but are not limited to:

- i. Self-destructive, dangerous and/or combative individuals.
- ii. Riot/crowd control and civil unrest incidents.
- iii. Circumstances where a tactical advantage can be obtained.
- iv. Potentially vicious animals.
- v. Training exercises or approved demonstrations.

c. Authorized Use:

Only officers who have received POST certification in the use of chemical agents are authorized to use chemical agents. All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 300 – Use of Force, LGMSPD Policy 404 – Crisis Response Unit (CRU).

d. Expected Lifespan:

- i. Def Tech handheld OC/CS canisters, model #1050 – 5 years

e. Fiscal Impact:

Def Tech handheld OC/CS canisters, model #1050 – estimated between \$0 and \$450 annually

10. Projectile Launch Platforms and Associated Munitions (Category 14)

a. Description, quantity, capabilities, and purchase cost:

The Lewis Machine & Tool Launcher is not a firearm, but a Less-Lethal system that uses smokeless powder to deliver 40MM projectiles from a safe distance. The Less-Lethal launcher can launch 40MM munitions at a subject up to 25 yards. The Less-Lethal launcher is a single launcher, which allows the Officer to assess after every spent munition. Less-Lethal launcher does not have an expiration and will need to be serviced or replaced when the launcher fails or breaks. The 40MM munition is a Direct Impact Spin Stabilized Smokeless Sponge Munition. The Sponge

Baton and Impact OC munition is used as a Less-Lethal weapon designed to de-escalate a potentially violent encounter. Liquid Ferret Barricade munition is a less lethal 40mm round that is used to penetrate barriers such as windows, hollow core doors, wallboard, and thin plywood.

- i. Lewis Machine & Tool Launcher, cost: \$9,932.01, quantity: 11
- ii. Def Tech 40mm Direct Impact Sponge #6325, cost: \$1710.00 quantity: 95
- iii. Def Tech 40mm Direct Impact OC #6320LE, cost: \$525.00, quantity: 25
- iv. Def Tech 40mm CS powder ferret rounds, model #1262, cost: \$192.00, quantity: 8
- v. Def Tech 40mm CS powder rounds, model #1292, cost: \$192.00, quantity: 8

b. Purpose:

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

c. Authorized Use:

Situations for use of the less lethal weapon systems may include, but are not limited to:

- i. Self-destructive, dangerous and/or combative individuals.
- ii. Riot/crowd control and civil unrest incidents.
- iii. Circumstances where a tactical advantage can be obtained.
- iv. Potentially vicious animals.
- v. Training exercises or approved demonstrations.

All other applicable LGMSPD policies remain in effect, to include, but not limited to, LGMSPD Policy 300 – Use of Force.

d. Expected Lifespan:

- i. 40mm Launcher: No expiration
- ii. 40mm Sponge Round: 5 years
- iii. 40mm OC: 5 years
- iv. 40mm CS powder ferret rounds: 5 years
- v. 40mm CS powder: 5 years

e. Fiscal Impact:

- i. 40mm Launcher: estimated between \$0 and \$11,473.00 annually
- ii. Def Tech 40mm Direct Impact Sponge #6325: estimated between \$0 and \$1,710.00 annually
- iii. Def Tech 40mm Direct Impact OC #6320LE: estimated between \$0 and \$525.00 annually
- iv. Def Tech 40mm CS powder ferret rounds, model #1262: estimated between \$0 and \$192.00 annually
- v. Def Tech 40mm CS powder rounds, model #1292: estimated between \$0 and \$192.00 annually