

LBPD Policy Manual Attachment

706.4 Military Equipment Inventory.pdf

1. Unmanned Aerial Vehicles (Category 1)

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

The Unmanned Aerial Systems in operation by the Los Banos Police Department are: DJI phantom pro-4 (Da-Jiang Innovations) (\$2500), DJI Phantom 3 Standard- (\$800), 3 (DJI) Mavic Mini (\$420.00) are all commercial/consumer-grade UAS (Unmanned Aerial Systems) commonly used by construction and utility companies for the inspection of buildings, power lines, windmills and other infrastructure, The UAS is a battery powered remote operated device. The controller allows the pilot to control the UAS as well as view live video produced by the onboard camera system the drone is equipped with. Flight time for each battery is approximately 25-30 minutes depending on weather and flight conditions. Drones have been proven to be useful by public safety agencies to conduct pre-operational surveillance, search and rescue missions, and tactical situations where enhancing the view point reduces effect of law enforcement and fire personnel. The Department is currently in the test and evaluation phase of another commercial grade UAS.

b. Purpose:

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

- I. Major collision investigation
- II. Search for missing persons
- III. Natural disaster management
- IV. Crime scene photography
- V. 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 UAV during approved missions. All other applicable LBPDP Policies remain in effect, to include but not limited to, LBPDP Policy 311- Search and Seizure, LBPDP Policy 316- Missing Persons, LBPDP Policy 606- Unmanned Aerial System Operations and LBPDP Policy 703- Vehicle Use.

d. Expected Lifespan:

5 Years

e. Fiscal Impact:

Annual maintenance cost of approximately \$1,000.

2. Command and Control Vehicles (Category 5)

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

2011 Bumper pull trailer with a custom interior equipped with electrical supply, generator power source, seating and workspace. The interior is climate controlled and lighted by several recessed florescent lighting fixtures. The rear portion of the trailer is equipped with a cargo-equipment and supply storage area. The Trailer is used on critical incidents to provide additional command and control as well as provide shelter, supply storage, and evidence storage. Approximate cost: \$15,000.00 funded through AVOID Grant- 2011.

b. **Purpose**

To be utilized for critical incident callouts

c. **Authorized Use**

The Command Post Trailer is used by officers and staff who have been properly trained in the safe handling of the vehicle. The driver of the vehicle shall have a California driver license. All other applicable LBPD policies remain in effect to include, but not limited to, LBPD 703- Vehicle use, LBPD Policy- 802- Property and Evidence.

d. **Expected Lifespan:**

20 Years

e. **Fiscal Impact**

Annual maintenance cost of approximately \$2,000.

3. Specialized Firearms and Ammunition (Equipment Category 10)

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

- i. 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, designated for semi-automatic and selective fire. The Carbine Rifle does not have an expiration and will need to be serviced or replaced with 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. Colt Ar-15/ M4 Approximate Cost \$15,000
Quantity-15 Windham Weaponry R11SFST-7 WW15/AR-15 5.56
Quantity: 14 Cost; Approximately \$13,934.68.
- ii. The Federal American Eagle .223-.62 grain FMJ is the Departments primary training and duty ammunition, the ammunition is deployed during potential leather encounters when shooting from distance or through barriers- Cost: \$3,956.20 Quantity: 10,100 Rounds.
- iii. Remington UMC .223 62 grain CTFB is the Departments secondary training and duty ammunition, the ammunition is deployed during potential lethal encounters when shooting from distance or through barriers. Cost: 1,033.80 Quantity: 2800.

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 rifle. All other applicable LBPDP policies remain in effect, to included but not limited to LBPDP policy 300- Use of Force, LBPDP Policy 306- Firearms Training and Qualifications.

d. **Expected Lifespan:**

- i. Carbine Rifle- No expiration
- ii. Federal American Eagle .223, 62 grain FMJ- No expiration
- iii. Remington UMC .223 62 grain CTFB- No expiration

e. **Fiscal Impact:**

- i. Carbine Rifle- Annual Cost between \$0.00- \$10,000.
- ii. Federal American Eagle .223- 62 grain FMJ- Annual cost between \$0.00 to \$5,000.
- iii. Remington UMC .223 62 grain CTFB- Annual cost between \$0.00 to \$5,000.

4. PepperBall Launcher (Category 12)

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

System that uses high pressure air to deliver Pelargonic Acid Vanillylamide (PAVA) powder projectiles (similar to a paint ball delivery system). The System is capable of launching projectiles at a subject up to 60'. The System is capable of area saturation up to 160'. This is a non-lethal option to offer law enforcement officers to deliver chemical agents and kinetic energy impacts to subjects in a potentially violent encounter. De-Escalation tool used to avoid further injuries or lethal options on a subject. Approximate Cost: \$2,000.00 Quantity: 4

- i. PepperBall Live Projectile, the basic PepperBall projectile contains 2% PAVA pepper powder, and is designed for direct impact and area saturation, especially in confined, interior spaces. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60ft and an area saturation of 150=f. The projectile contains 0.5% PAVA powder .8230. Cost: \$3,412.00 Quantity: 1500.

b. **Purpose:**

To limit the escalation of conflict where deployment 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 indecent
- iii. Circumstances where a tactical advantage van be obtained
- iv. Potentially vicious animals
- v. Training exercises or approved demonstrations

c. **Authorized Use:**

Only those officers who have been trained in the use of PepperBall launchers are authorized to use the PepperBall launchers. All other applicable LBPDP Policies remain in effect, to included, but not limited to, LBPDP Policy 300- Use of Force

d. **Expected Lifespan:**

- i. PepperBall Launcher: No expiration
- ii. Live Projectile: 1 year

e. **Fiscal Impact:**

- i. PepperBall Launcher: Annual cost between \$0 and \$1,000.
- ii. Live Projectile: Annual cost between \$0 and \$2,000.

5. Projectile Launch platforms and associated munitions (Category 14)

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

Lewis Machine & Tool (LMT) Launcher approximate Cost: 4,000. Quantity: 3.
The LMT 40mm 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 is capable of launching 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 with the launcher fails or breaks. The 40mm munition is a direct impact spin stabilized smokeless sponge munition. The sponge baton munition is used as Less-Lethal weapon designed to de-escalate a potentially violent encounter. Approximate Cost: \$3,818 Quantity: 200

b. **Purpose:**

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

c. **Authorized Use:**

Situations for use of the less-lethal weapon system 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 LBPDP Policies remain in effect, to include, but not limited to, LBPDP Policy 300- Use of force.

d. **Expected Lifespan:**

- i. 40mm Launcher- No expiration

e. **Fiscal Impact:**

- i. 40mm Sponge Round: Annual cost between \$0 and \$400.

6. Projectile Launch platforms and associated munitions (Category 14)

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

- i. Remington 870 Less-Lethal shotgun, cost \$950 each, quantity: 10. Used to deploy less-lethal impact munitions. The stock and pump grip of the shotgun are bright orange in color to indicate it's use as less lethal.
- ii. 12-gauge Safariland drag stabilized beanbag round, #3027, approximate cost: \$500, quantity 200. A less-lethal 12-gauge shotgun round that launches a ballistic fiber bag filled with 40 grams of lead shot. The effective range of this munition is at least 20 feet up to 75 feet from the target. It does not require a minimum range to “unfold” or “stabilize” and accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator.

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 LBPDP Policies remain in effect, to include, but not limited to, LBPDP Policy 300- Use of force.

d. Expected Lifespan

- i. Remington 870 less Lethal shotgun – 25 years
- ii. Safari land drag stabilized round –No expiration

e. Fiscal Impact

- i. Beanbag Round: Annual cost between \$0 and \$500.