

## ***Upland Police Department Annual Report 2026 – Military Equipment List***

*The Upland Police Department utilizes the equipment listed below for law enforcement purposes only in a manner that is consistent with the equipment's category's description. The Department's use complies with state and federal law, including any licensing and certification requirements, and City and Department policies and procedures. All equipment is used in a manner that protects public and officer safety and the community's civil rights and civil liberties, with the goal of minimizing injury to persons and property, including when exigent circumstances arise that may require a related use not explicitly described below. Deployments are regulated to those who have completed requisite training or qualification, including that from the Department and the Commission on Peace Officer Standards and Training (POST).*

### **1. Specialized firearms and ammunition (Category 9):**

a. Quantity, description, capabilities, and purchase cost:

Quantity-56 (fifty-six) Colt AR-15 patrol rifles capable of accurately engaging an armed subject at various distances. The Patrol rifle is a lightweight, gas operated, air cooled, magazine fed, shoulder fired weapon designed for semi-automatic fire. The patrol rifle does not have a service life expectancy and will need to be serviced or replaced when the rifle fails or breaks. The 5.56mm NATO cartridge is capable of penetrating soft body armor worn by armed subjects. COST: \$927.76

- Authorized Use: Only members that are POST certified Peace Officers, and have completed the POST Firearms/Tactical Rifle Course.

Quantity-15 (fifteen) MP5 sub-machine guns. The MP5 sub-machine gun is capable of accurately engaging an armed subject at various distances. The MP5 is a lightweight, gas operated, air cooled, magazine fed, shoulder fired weapon designed for semiautomatic and automatic fire. The MP5 does not have a service life expectancy and will need to be serviced or replaced when the rifle fails or breaks. The 9 mm NATO cartridge is capable of limited penetration against soft body armor worn by armed subjects. COST: Unknown cost. These weapons were acquired over 10 years ago.

- Authorized Use: Only members that are POST certified Peace Officers, and members of the SWAT Team that have completed the POST SWAT Academy Firearms Course. These firearms are currently in storage and are only deployed at the direction of the SWAT Team Commander.

Quantity-2 (two) Heckler and Koch HK416 rifles. The HK416's possessed by the Upland Police department are NOT currently in service (storage). The HK416 is capable of accurately engaging an armed subject at various distances. The HK416 rifle is a lightweight, gas operated, air cooled, magazine fed, shoulder fired weapon designed for semiautomatic and automatic fire. The patrol rifle does not have a service life expectancy and will need to be serviced or replaced when the rifle fails or breaks. The 5.56mm NATO cartridge is capable of penetrating soft body armor worn by armed subjects. COST: Unknown cost. These weapons were acquired over 10 years ago.

- Authorized Use: Only members that are POST certified Peace Officers, and members of the SWAT Team that have completed a POST SWAT Academy/Firearms Training. These firearms are currently in storage and are only deployed at the direction of the SWAT Commander.

Quantity-16 (sixteen) Geissele 5.56mm rifle is capable of accurately engaging an armed subject at various distances. The Patrol rifle is a lightweight, gas operated, air cooled, magazine fed, shoulder fired weapon designed for semi-automatic and automatic fire. The Geissele rifle does not have a service life expectancy and will need to be serviced or replaced when the rifle fails or breaks. The 5.56mm NATO cartridge is capable of penetrating soft body armor worn by armed subjects. COST: \$2,068.62 per rifle.

- Authorized Use: Only members that are POST certified Peace Officers, and are members of the SWAT Team that have completed POST SWAT Academy/Firearms Training. Members meeting the above qualifications are also authorized to carry these weapons in a patrol capacity.

Quantity-12 (twelve) M16A1 service rifles. The M16A1 service rifles possessed by the Upland Police department are NOT currently in service (storage). The M16A1 service rifle is capable of accurately engaging an armed subject at various distances. The M16A1 service rifle is a lightweight, gas operated, air cooled, magazine fed, shoulder fired weapon designed for semi-automatic and automatic fire. The M16A1 service rifle does not have a service life expectancy and will need to be serviced or replaced when the rifle fails or breaks. The 5.56mm NATO cartridge is capable of penetrating soft body armor worn by armed subjects. COST: \$0. These firearms were granted from the U.S. Military. The firearms are currently in storage and pending return or legal disposition.

Additional Equipment: None anticipated to be acquired in Fiscal Year 24/25.

## **2. Tear Gas (Category 12):**

a. Quantity, Description, Capabilities, and Purchase Cost: Description: Various Quantities of Chemical agent munitions, which are commonly referred to as “tear gas,” are used by the Upland Police Department as a nonlethal tool to disperse rioting suspects and on barricaded suspects per Upland Police Department Policy and applicable law. The Upland 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 (2.5 oz. 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). Descriptions of each agent/munition are taken directly from the manufacturer.

1. (Quantity-10) 1016 -Pocket Tactical CS – The Pocket Tactical CS Grenade is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable grenade; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical grenade. Cost \$35.90 per munition.
2. (Quantity-22) 5430 – Launchable Flameless Expulsion CS – The Combined Tactical Systems (CTS) launchable Flameless Expulsion CS is a large diameter flameless grenade posing no risk of fire and discharges a large powder payload instantaneously through

multiple emission ports. Provides best results when used indoors. It is restricted to law enforcement, corrections, and military personnel and are used to gain compliance, disperse crowds, restore order, or temporarily incapacitate dangerous persons. Cost \$62.40 per munition.

3. (Quantity-20) 1056 – Aerosol OC Vapor – The Defense Technology OC Vapor Aerosol Grenade is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The grenade is designed for indoor-use in confined areas and, once deployed, inflames the mucous membranes and exposed sin resulting in an intense burning sensation. The incapacitating effect of the OC Vapor on the subject is dramatic yet requires minimal decontamination. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Grenade is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired. Cost \$52.00 per munition.
4. (Quantity- 52) 5230B – Baffled Riot CS Smoke. Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire. Cost \$58.80 per munition.
5. (Quantity-5) 5210JL – Jet-Lite White Smoke – A large diameter burning grenade designed to discharge a high volume of smoke and chemical agent rapidly through multiple emission ports. The smoke composition is formulated to burn rapidly decreasing the possibility that the grenade can be picked up and thrown back at crowd management officers. The Jet-Lite should not be deployed on rooftops, in crawl spaces or indoors due to fire producing capability. Can be hand thrown or launched. Cost \$51.30 per munition.

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:

1. Self-destructive, dangerous and/or combative individuals.
2. Riot/crowd control and civil unrest incidents.
3. Circumstances where a tactical advantage can be obtained.
4. Potentially vicious animals.
5. Training exercises or approved demonstrations.

c. Authorized Use: Only officers who have received POST certification or manufacturer-specific training in the use of chemical agents are authorized to use chemical agents.

d. Expected Lifespan:

1. 1016 – 5 years
2. 5430 – 5 years
3. 1056 – 5 years
4. 5230B – 5 years
5. 5210JL – 5 years

e. Fiscal Impact: There is no current fiscal impact. The cost for replacement is the cost of the individual round/munition used.

f. Additional Equipment: None anticipated to be acquired in Fiscal Year 24/25.

### **3. Flash Bang (Category 11):**

a. Quantity, Description, Capabilities, and Purchase Cost: The noise/flash diversionary device (NFDD) has become an essential tool for law enforcement tactical teams. Manufacturers of NFDD's have developed training devices to realistically simulate the operational characteristics of standard NFDD's. Although the energy released from the training model is insufficient to use the irritant powder modules, other accessories may be used for the same purposes that they might be used operationally. Examples include trip wiring, perimeter protection, remote initiation, and attaching lanyards for retrieval. The fuze is the most important part of a pyrotechnic munition. Combined Tactical Systems (CTS) Inc. has taken the standard military M201A1 fuze and improved it Rev. 6/21/23 to provide increased consistency, reliability, and safety. The article describes the CTS Flash-Bang Training System as a superb, cost-effective training tool. The Model 7290T Training Flash-Bang is a low-cost training device that realistically simulates all the functional characteristics of a standard NFDD without any of the liabilities associated with using a full-power device.

1. (Quantity-4) 7290MT – Mini Bang Training Body. Training system makes for excellent training scenarios. The system is built and weighs exactly the same as the Model 7290M Flash-Bang but has no flash charge. The 7290MT body is painted with a bright blue coating and can be used an unlimited number of times. The M201FB fuse for this system has 10 times the output of a normal M201 fuse and it is threaded with a left-hand thread so it cannot be accidentally used in any other munitions. The Model 7290MT produces an audible output of about 120db. The base contains a standard 3/8-16 UNC thread at its center, allowing attachment of numerous accessories, including: Clamp, Stake, Eye Bolt or Magnet. Cost: \$54.75

2. (Quantity-18) 7290M – Mini Flash Bang. The CTS 7290M Mini Flash-Bang is the newest generation in the evolution of the Flash-Bang. Our Model 7290M Flash-Bang exhibits all of the same attributes of its larger counterpart but in a smaller and lighter package. Weighing in at just 15 ounces the new 7290M is approximately 30% lighter than the 7290 but still has the same 175db output of the 7290 and produces 6-8 million candela of light. The patented design of the 7290M, incorporates a porting system that eliminates movement of the body at detonation even if the top or bottom of the device should be in contact with a hard surface. In addition, internal adjustments have greatly reduced smoke output. Cost: \$49.50.

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

1. Self-destructive, dangerous and/or combative individuals.
2. Riot/crowd control and civil unrest incidents.
3. Circumstances where a tactical advantage can be obtained.
4. Potentially vicious animals.
5. Training exercises or approved demonstrations.

c. Authorized Use: Only officers who have received POST certification or manufacturer specific training in the use of chemical agents are authorized to use chemical agents.

d. Expected Lifespan:

1. 7290MT – 5 years
2. 7290M – 5 years

e. Fiscal Impact: There is no current fiscal impact. The cost for replacement is the cost of the individual round/munition used.

f. Additional Equipment: None anticipated to be acquired in Fiscal Year 25/26.

#### **4. Pepper Ball Launcher (Category 14):**

a. Quantity, Description, Capabilities, and Purchase Cost:

Twelve (12) Launchers that a part of a system that uses high-pressure air to deliver PAVA powder projectiles (similar to a paintball delivery system). System capable of launching projectiles at a subject up to 60'. System capable of area saturation up to 160'. 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; Cost: Unknown for Six (6) items as they were purchased 15 years ago. Six (6) launchers were recently purchased as Cost \$664.99

1. Pepper Ball LIVE PROJECTILE, the basic Pepper Ball projectile contains 2.5 grams of PAVA pepper powder, and is designed for direct impact and area saturation, especially in confined, interior spaces. Discharged from a Pepper Ball Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60 feet and an area of saturation of 150+feet. The projectile contains 0.5% PAVA Powder; Cost: \$249.99 for pack of 90.
2. Pepper Ball Glass Breaker Projectiles, a solid projectile used to shatter windows only. Discharged from a Pepper Ball Launcher, the projectile has a velocity of 280- 350 FPS; Cost: \$25 for pack of 10.

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:

1. Self-destructive, dangerous and/or combative individuals.
2. Riot/crowd control and civil unrest incidents.
3. Circumstances where a tactical advantage can be obtained.
4. Potentially vicious animals.
5. Training exercises or approved demonstrations.

c. Authorized Use: Only those officers who have been trained in the use of Pepper Ball launchers are authorized to use the Pepper Ball launchers.

d. Expected Lifespan:

1. Pepper Ball Launcher – No expiration
2. Live Projectile – 3 years
3. Glass Breaker Projectiles – No expiration

e. Fiscal Impact: There is no current fiscal impact. The cost for replacement is the cost of the individual weapon system/munition used.

f. Additional Equipment: None anticipated to be acquired in Fiscal Year 24/25.

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

a. Quantity, Description, Capabilities, and Purchase Cost:

1. Three (3) 40mm Single Launcher:
  - a. Manufacturer: Defense Technology
  - b. Cost: \$985.70.
2. Fifteen (15) 40mm Single Launchers:
  - a. Manufacturer: LMT Defense Technology
  - b. Cost Per: \$1,212.83.
3. Two (2) 40mm Multi-Launcher
  - a. Manufacturer: Defense Technology
  - b. Cost Per: \$4,255.00

The LMT Defense Technology 40mm Single Launcher is not a firearm, but a Less-Lethal launching 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 40 yards. The Less-Lethal launcher is a single launcher, which allows the Officer to assess after every spent munition. The less-Lethal launcher does not have an expiration and will need to be serviced or replaced when the launcher fails or breaks. The below-listed product descriptions are taken directly from the manufacturer.

The Defense Technology 40mm tactical four shot launcher is designed for riot and tactical situations. The Defense Technology 1440 4mm Tactical four shot launcher is low-profile and lightweight, providing multi-shot capability in an easy to carry launcher. It features the Rogers Super Stoc expandable gun stock, an adjustable Picatinny mounted front grip, and a unique direct-drive system to advance the magazine cylinder.

1. (Quantity-23) 2292 – Ferret 40mm CS Powder – The Ferret 40mm Barricade Penetrating Round is filled with a CS powder chemical agent. It is a frangible projectile that is spin stabilized utilizing barrel rifling. It is non burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle. Cost \$26.90 per munition
2. (Quantity – 100) 6325 – Exact Impact 40MM Standard Range Sponge Round – The eXact iMpacT 40mm Sponge Round is a pint-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting of a plastic body and sponge nose that is spin stabilized via the incorporated rifling collar and the 40mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant, and, therefore, have velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications. Cost \$23.50 per munition.

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:

1. Self-destructive, dangerous and/or combative individuals.
2. Riot/crowd control and civil unrest incidents.
3. Circumstances where a tactical advantage can be obtained.
4. Potentially vicious animals.
5. Training exercises or approved demonstrations.

c. Authorized Use: Only officers who have received POST certification or manufacturer specific training in the use of chemical agents are authorized to use chemical agents.

d. Expected Lifespan:

1. 2292 – 5 years
2. 6325 – 5 years

e. Fiscal Impact: There is no current fiscal impact. The cost for replacement is the cost of the individual round/munition used.

## **6. Bean Bag Shotgun (Category 14):**

a. Quantity, Description, Capabilities, and Purchase Cost: Fifteen (15) Remington 870 12 Gauge Multi-Shot Beanbag Launcher: Cost: Unknown, purchased over 25 years ago. The Remington 870 12 Gauge Multi-Shot Beanbag Launcher is a converted Remington 870 used as a Less-Lethal launching system. The launching system uses smokeless powder to deliver a 12-gauge 40-gram lead-filled cotton-ballistic fiber blend projectile from a safe distance. The Less-Lethal launcher is capable of launching munitions at a subject up to 75 feet. The Less-Lethal launcher is a pump-action 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.

1. 3027 – 12 gauge 40-gram lead-filled cotton-ballistic fiber blend stabilized bean bag munition is designed to produce blunt trauma and pain compliance. The bean bag munition is used as a Less-Lethal weapon designed to de-escalate a potentially violent encounter; Cost: \$6.15 per munition.

2. (Quantity-2) LC5 Launching Cup Accessory –The LC5 Launching Cups are designed for the 5200 series grenades. The cups can be attached to virtually any 12-gauge shotgun and the munition launched with the model 2600 launching cartridge. These can be fired from most 12-gauge smooth bore shotguns. The purpose of the launching cup is to deploy less lethal CS gas from the Bean Bag Shotgun. The user is able to deploy the gas from a safe distance without having to place themselves in unnecessary danger.

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:

1. Self-destructive, dangerous and/or combative individual(s).
2. Riot/crowd control and civil unrest incidents.
3. Circumstances where a tactical advantage can be obtained.
4. Potentially vicious animals.

5. Training exercises or approved demonstrations.

d. Expected Lifespan:

1. Bean Bag Launcher – No expiration.
2. Bean Bag Munitions – 5 years e. Fiscal Impact: There is no current fiscal impact. The cost for replacement is the cost of the individual weapon system/munition used.
3. LC5 Launching Cup – No expiration.

f. Additional Equipment: None anticipated to be acquired in Fiscal Year 25/26.

## **7. Small Unmanned Aerial Systems (sUAS) (Category 1):**

a. Quantity, Description, Capabilities, and Purchase Cost:

1. LOKI 2 (Quantity 4)
  - a. Manufacturer: Sky Hero
  - b. Total Cost: \$31,750
2. EVOII (Quantity 5)
  - a. Manufacturer: Autel Robotics
  - b. Total Cost: \$25,694
3. Nano+(Quantity 3)
  - a. Manufacturer: Autel Robotics
  - b. Total Cost: \$2,008
4. Evo Max 4 (Quantity 6)
  - a. Manufacturer: Autel Robotics
  - b. Total Cost: \$52,194
5. Avata (Quantity 5)
  - a. Manufacturer: DJI Enterprise
  - b. Total Cost: \$6,495
6. SIGYN UGV (Quantity 1)
  - a. Manufacturer: Sky Hero
  - b. Total Cost: \$8,795
7. DJI Avata (Quantity 5)
  - a. Manufacturer: DJI
  - b. Total Cost: 7,195
8. DJI M4TD (Quantity 2)
  - a. Manufacturer: DJI
  - b. Cost per - \$24,000.00

An unmanned aircraft of any type that is capable of sustaining direct flight, whether pre-programmed or remotely controlled, and all of the supporting or attached systems designed for gathering information through imaging, recording or by any other means. sUAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.

b. Purpose: To be deployed when its view would assist officers or incident commanders with the following situations, in compliance with the FAA regulations and with respect for constitutional rights and privacy, which include but not limited to: Crime scene documentation, traffic collision

scene documentation, searches for missing persons, disaster response, searches for suspects who are believed to be hiding within a defined incident perimeter, in support search warrant or tactical operations such as barricaded suspects, mapping of critical infrastructure for Homeland Security purposes, security operations, at larger public gatherings, where images are not recorded except for criminal behavior, critical incident management, enforcement of City Municipal Codes related to Health and Safety, such as fireworks, aerial imaging services to other units of government.

c. Authorized Use: Only assigned operators who have completed the required training shall be permitted to operate sUAS equipment during approved missions.

d. Expected Lifespan: All sUAS equipment, approximately 3-5 years.

e. Fiscal Impact: Annual maintenance and battery replacement cost is approximately \$2,000.

### **8. Armored Personnel Carrier (Category 2):**

a. Quantity, Description, Capabilities, and Purchase Cost

1. Bearcat Gen 2 (Quantity 1)

a. Manufacturer: Lenco

b. Cost: \$285k

An armored rescue vehicle capable of providing high ballistic protection, cover, limited breaching capability, and transporting officers and/or civilians at critical incidents and high-risk tactical operations. Bearcats can support first responders in any hazardous, high-risk, or critical incident, which would benefit from having a vehicle that provides a high level of ballistic protection.

b. Purpose: To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

c. Authorized Use: The use of armored vehicles shall only be authorized by a watch commander or SWAT Commander, based on the specific circumstances of a given incident. Armored vehicles shall only be used by officers trained in their deployment and in a manner consistent with department policy and training.

d. Expected Lifespan: Lenco Bearcat Gen 2, approximately 15 years.

e. Fiscal Impact: Annual maintenance costs approximately \$1,000.

f. Additional Equipment: None anticipated to be acquired in Fiscal Year 25/26

### **9. TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs) (Category 13):**

a. Quantity, Description, Capabilities, and Purchase: Ninety three (93) AXON TASER 7 Cost: \$2.5 million. The Axon TASER 7 is a conducted energy weapon (CEW) designed for law enforcement to incapacitate suspects with less risk of serious injury or death. By providing a less-lethal option, the TASER 7 can give officers a window to de-escalate a tense situation before resorting to firearms.

1. The AXON TASER 7 probe cartridge is a single-use magazine containing two barbed probes connected to insulated wires. These cartridges are designed to be fired from the TASER 7 conducted energy weapon (CEW) to subdue a suspect with minimal harm.

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:

1. Self-destructive, dangerous and/or combative individual(s).
2. Riot/crowd control and civil unrest incidents.
3. Circumstances where a tactical advantage can be obtained.
4. Potentially vicious animals.
5. Training exercises or approved demonstrations.

**Confirmed Non-Compliance:**

The Department had no reportable instances of confirmed non-compliance with its Military Equipment Use Policy to report to the City Council.

**Justification:**

In order to ensure that the Department's military equipment provides the best value to meet the City's needs in comparison to alternatives, if any were available, and to achieve officer and civilian safety, the Department's past and future acquisitions of military equipment comply with the City's purchasing policy.