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# Military Equipment

## 709.1 PURPOSE AND SCOPE

The purpose of this policy is to provide guidelines for the approval, acquisition, and reporting requirements of military equipment (Government Code § 7070; Government Code § 7071; Government Code § 7072).

### 709.1.1 DEFINITIONS

Definitions related to this policy include (Government Code § 7070):

**Governing body** – The elected or appointed body that oversees the Department.

**Military equipment** – Includes but is not limited to the following:

- Unmanned, remotely piloted, powered aerial or ground vehicles.
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.
- High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached.
- Tracked armored vehicles that provide ballistic protection to their occupants.
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.
- Weaponized aircraft, vessels, or vehicles of any kind.
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram.
- Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition.
- Specialized firearms and ammunition of less than .50 caliber, including firearms and accessories identified as assault weapons in Penal Code § 30510 and Penal Code § 30515, with the exception of standard-issue firearms.
- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- Noise-flash diversionary devices and explosive breaching tools.
- Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray.
- TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs).
- Kinetic energy weapons and munitions.
- Any other equipment as determined by a governing body or a state agency to require additional oversight.

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### **709.2 POLICY**

It is the policy of the Chico Police Department that members of this department comply with the provisions of Government Code § 7071 with respect to military equipment.

### **709.3 MILITARY EQUIPMENT COORDINATOR**

The Operations Captain will be the designated member of this department to act as the military equipment coordinator. The responsibilities of the military equipment coordinator include but are not limited to:

- (a) Acting as liaison to the governing body for matters related to the requirements of this policy.
- (b) Identifying department equipment that qualifies as military equipment in the current possession of the Department, or the equipment the Department intends to acquire that requires approval by the governing body.
- (c) Conducting an inventory of all military equipment at least annually.
- (d) Collaborating with any allied agency that may use military equipment within the jurisdiction of Chico Police Department (Government Code § 7071).
- (e) Preparing for, scheduling, and coordinating the annual community engagement meeting to include:
  1. Publicizing the details of the meeting.
  2. Preparing for public questions regarding the department's funding, acquisition, and use of equipment.
- (f) Preparing the annual military equipment report for submission to the Chief of Police and ensuring that the report is made available on the department website (Government Code § 7072).
- (g) Establishing the procedure for a person to register a complaint or concern, or how that person may submit a question about the use of a type of military equipment, and how the Department will respond in a timely manner.

### **709.4 MILITARY EQUIPMENT INVENTORY**

The following constitutes a list of qualifying equipment for the Department:

[See attachment: AB481 Inventory 2023.pdf](#)

### **709.5 APPROVAL**

The Chief of Police or the authorized designee shall obtain approval from the governing body by way of an ordinance adopting the military equipment policy. As part of the approval process, the

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Chief of Police or the authorized designee shall ensure the proposed military equipment policy is submitted to the governing body and is available on the department website at least 30 days prior to any public hearing concerning the military equipment at issue (Government Code § 7071). The military equipment policy must be approved by the governing body prior to engaging in any of the following (Government Code § 7071):

- (a) Requesting military equipment made available pursuant to 10 USC § 2576a.
- (b) Seeking funds for military equipment, including but not limited to applying for a grant, soliciting or accepting private, local, state, or federal funds, in-kind donations, or other donations or transfers.
- (c) Acquiring military equipment either permanently or temporarily, including by borrowing or leasing.
- (d) Collaborating with another law enforcement agency in the deployment or other use of military equipment within the jurisdiction of this department.
- (e) Using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the governing body.
- (f) Soliciting or responding to a proposal for, or entering into an agreement with, any other person or entity to seek funds for, apply to receive, acquire, use, or collaborate in the use of military equipment.
- (g) Acquiring military equipment through any means not provided above.

### **709.6 USE OF KINETIC ENERGY PROJECTILES AND CHEMICAL AGENTS FOR CROWD CONTROL**

Kinetic energy projectiles and chemical agents for crowd control purposes shall only be deployed by Officers who have received POST training for crowd control if the use is objectively reasonable to defend against a threat to life or serious bodily injury to any individual, including an Officer, or to bring an objectively dangerous and unlawful situation safely and effectively under control and in accordance with the following requirements of Penal Code § 13652 and Assembly Bill 48.

- (a) De-escalation techniques or other alternatives to force have been attempted, when objectively reasonable, and have failed.
- (b) Repeated, audible announcements are made announcing the intent to use kinetic energy projectiles and chemical agents and the type to be used, when objectively reasonable to do so. The announcements shall be made from various locations, if necessary, and delivered in multiple languages, if appropriate.
- (c) Individuals are given an objectively reasonable opportunity to disperse and leave the scene.
- (d) An objectively reasonable effort has been made to identify individuals engaged in violent acts and those who are not, and kinetic energy projectiles or chemical agents are targeted toward those individuals engaged in violent acts. Projectiles shall not be aimed indiscriminately into a crowd or group of individuals.

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- (e) Kinetic energy projectiles and chemical agents are used only with the frequency, intensity, and in a manner that is proportional to the threat and objectively reasonable.
- (f) Officers shall minimize the possible incidental impact of their use of kinetic energy projectiles and chemical agents on bystanders, medical personnel, journalists, or other unintended targets.
- (g) An objectively reasonable effort has been made to extract individuals in distress.
- (h) Medical assistance is promptly provided, if properly trained personnel are present, or procured, for injured persons, when it is reasonable and safe to do so.
- (i) Kinetic energy projectiles shall not be aimed at the head, neck, or any other vital organs.
- (j) Kinetic energy projectiles or chemical agents shall not be used solely due to any of the following:
  - 1. A violation of an imposed curfew.
  - 2. A verbal threat.
  - 3. Noncompliance with a law enforcement directive.
- (k) If the chemical agent to be deployed is tear gas, only an Incident Commander at the scene of the assembly, protest, or demonstration may authorize its use.

### 709.7 USE SUMMARY

The Operations Division Captain or the authorized designee should ensure that a summary of each deployment of kinetic energy projectiles or chemical agents for crowd control purposes is prepared and published on the department website within 60 days of each incident. The time frame may be extended for another 30 days where just cause is demonstrated, but no longer than 90 days from the time of the incident. The summary shall be limited to the information known to the Department at the time of the report and include the information required in Penal Code § 13652.1 and Assembly Bill 48.

### 709.8 COORDINATION WITH OTHER JURISDICTIONS

Military equipment used by any member of this Department shall be approved for use and in accordance with this Department policy, Military equipment used by other jurisdictions that are providing mutual aid to this Department, or otherwise engaged in law enforcement operations in this jurisdiction, shall comply with their respective military equipment use policies in rendering mutual aid or operating in this jurisdiction.

### 709.9 ANNUAL MILITARY EQUIPMENT USE REPORT

Upon approval of a military equipment policy, the Chief of Police or the authorized designee should submit a military equipment report to the governing body for each type of military equipment approved within one year of approval, and annually thereafter for as long as the military equipment is available for use (Government Code § 7072).

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The Chief of Police or the authorized designee should also make each annual military equipment report publicly available on the department website for as long as the military equipment is available for use. The report shall include all information required by Government Code § 7072 for the preceding calendar year for each type of military equipment in department inventory.

### **709.10 COMMUNITY ENGAGEMENT**

Within 30 days of submitting and publicly releasing the annual report, the Department shall hold at least one well-publicized and conveniently located community engagement meeting, at which the Department should discuss the report and respond to public questions regarding the funding, acquisition, or use of military equipment.

Any member of the public can register a question or concern regarding military use equipment by contacting the Chico Police Department Professional Standards Unit **via phone at (530) 897-5851**, email at **CPDPSU@chicoca.gov** or **by mail to 1460 Humboldt Road, Chico, CA 95928..** A response to the question or concern shall be completed by the Department in timely manner.

Any member of the public can submit a complaint to any member of the Department and in any form (i.e. in person, telephone, email, etc.). Once the complaint is received, it should be routed to the Professional Standards Unit in accordance with Policy 1020 ( Personnel Complaints).

### **709.11 MAINTENANCE OF MILITARY EQUIPMENT SUPPLY LEVELS**

When stocks of **consumable** military equipment have reached significantly low levels or have been exhausted, the Department may order the necessary equipment without City Council approval to maintain essential availability for the Department's needs.

### **709.12 COMPLIANCE**

**Department members are bound to adhere to this Policy, in addition to state and local laws and ordinances when employing the use of military equipment at any time. Violations of the law or this Policy may result in criminal or administrative investigations, or action.**

## Attachments

## **AB481 Inventory 2023.pdf**



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## 1. Unmanned Aerial Systems

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

#### **DJI Mavic 2 Enterprise drone, Quantity 2, Cost \$6,500 each**

- The Mavic 2 Enterprise was specifically built to serve industries and applications in public safety, inspection, search & rescue, fire response, and law enforcement. This Unmanned Aerial System (UAS) is a battery powered, remote operated device with a mounted camera, light and thermal imaging device. This UAS has 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 public safety personnel. This UAS has a flight time of 30 minutes.

#### **DJI Mavic Mini drone, Quantity 2, Cost \$1,200 each**

- The Mavic Mini was specifically built to serve enthusiasts. This small UAS is a battery powered, remote operated device with a mounted camera and lights. This UAS has 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 public safety personnel. This UAS has a flight time of 30 minutes.

#### **iFlight Alpha A85 Whoop drone, Quantity 3, Cost \$329 each**

- The iFlight Alpha A85 is a micro UAS designed to be flown in first person view (FPV). This UAS is a very small battery powered, remote operated device with a mounted camera and lights. This UAS was built and designed to be a surveillance tool used to enter structures prior to sending public safety personnel. This UAS has a flight time of 6 minutes.

#### **Avata Pro-View drone, Quantity 2, Cost \$400 each (Request to acquire)**

- The Avata Pro-View is a micro UAS designed to be flown in first person view (FPV). This UAS is a very small battery powered, remote operated device with a mounted camera and lights. This UAS was built and designed to be a surveillance tool used to enter structures prior to sending public safety personnel. This UAS has a flight time of 10 minutes. The Avata has a self-righting capability which is advantageous over the iFlight A85.





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- b. **Purpose:** May be deployed when an aerial view would enhance situational awareness and assist officers or incident commanders during, but not limited to, the following occurrences:
- Arrest/Search Warrant
  - CBRNE (Chemical, Biological, Radiological, Nuclear, Explosives)
  - Crowd Control/Special Events
  - Dignitary Protection Detail
  - Disaster Management
  - Ongoing Criminal Investigation
  - Explosive Ordnance Disposal/Investigation
  - Fire
  - Forensic/Crime Scene
  - Missing Persons Investigations
  - Perimeter Search and Security
  - Search and Rescue
  - SWAT Operation
  - Traffic Collision
  - Training
  - Public Relations/Multimedia Productions
  - Assisting outside agencies in any of the above situations
  - Assisting other City of Chico departments with carrying out their mission of better serving Chico residents and visitors
- c. **Authorized Use:** UAS may be utilized to enhance the department's mission of protecting lives and property when other means and resources are not available or are less effective. Any use of a UAS will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations. The use of UAS shall not be used in the following circumstance:
- To conduct random surveillance.
  - To target a person based solely on actual or perceived characteristics, such as race, ethnicity, national origin, religion, sex, sexual orientation, gender identity or expression, economic status, age, cultural group, or disability.
  - To harass, intimidate, or discriminate against any individual or group.
  - To conduct personal business of any type.
  - UAS shall never be weaponized.
- d. **Expected Lifespan:** 5 – 10 years
- e. **Fiscal Impact:** \$5,000 maintenance, parts, repair, and batteries



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**f. Legal and Procedural Rules:** Use is established under Chico Police Department Policy Manual Section 611. Any use of UAS will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations. The use of the UAS potentially involves privacy considerations. Operators and observers shall adhere to FAA altitude regulations and shall not intentionally record or transmit images of any location where a person would have a reasonable expectation of privacy. Operators and observers should take reasonable precautions to maintain privacy when operating UAS. Reasonable precautions can include deactivating or turning imaging devices away from such areas or persons during UAS operation.

## 2. Armored Rescue Vehicle

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

#### **Lenco Bearcat Armored Rescue Vehicle, Quantity 1, Cost \$216,801\***

- The armored rescue vehicle (ARV) is designed to provide ballistic protection during tactical events (designed to withstand multiple bullet strikes from small arms fire as well as low level explosions). It is equipped with emergency lights/siren and a public address system. The ARV is equipped with a chemical agent delivery system that allows CS gas or smoke to be delivered into barricades from the safety of the ARV. Commons uses for the ARV include citizen and officer rescues, evacuations, and deployment of officers and chemical agents. The ARV is a regional mutual-aid asset that is also used by the Butte County Sheriff's Office.

\*The first ARV was destroyed by fire. This price reflects the replacement cost for the current ARV, which was covered by insurance.

**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 Chief of Police, Watch Commander, Crisis Response Unit Commander, or Incident Commander may authorize the use of the ARV for the following circumstances:

- Recovery and/or evacuation of person(s) who are injured or stranded in a high-risk area, to assist with riots and violent breaches of the peace, natural or other disasters, assist with barricaded subjects, service of high-risk search warrants or arrest warrants, or the movement of personnel into a hostile or unsafe areas to effect an arrest or render aid.



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- Law Enforcement training, public relations display, mutual aid assistance and other uses deemed necessary by the Chief of Police or sworn members of command staff.
  - When law enforcement action requires a response beyond the capabilities of uniformed patrol staff or investigative personnel.
  - Patrol Supervisors may authorize the use of the ARV in emergency situations with an immediate notification to the on duty or on call Watch Commander.
- d. **Expected Lifespan:** 20 years
- e. **Fiscal Impact:** Annual maintenance cost of approximately \$1,500
- f. **Legal and Procedural Rules:** Use is established under Chico Police Department Policy Manual Section 407 (Armored Rescue Vehicle). It is the policy of the Department to utilize armored rescue vehicles only for official law enforcement purposes, and pursuant to State and Federal law.

### 3. Specialized Firearms

- a. **Description, Quantity, Capabilities, and Purchase Cost:** Rifles are firearms that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance. Rifles are magazine fed and either bolt-action or semi-automatic. Rifles can be configured for different purposes such as patrol, traffic motorcycle, or SWAT. The cost of the weapon greatly depends on the configuration. The below costs are averages. Submachine guns are magazine fed automatic carbines designed to fire handgun cartridges. All submachine guns and sniper rifles are exclusively used by the SWAT team.

**Sionics SAR-15 Patrol Rifle/.556mm, Quantity 42, Cost \$1,400 each**

**(Requesting twenty (20) additional)**

**Bushmaster XM15-E2S 5.56/.223, Quantity 23, Cost \$1500 each**

**(Removing from service)**

**Colt M16A1 5.56, Quantity 15, Cost \$1400 each**

**(Removing from service)**

**Colt SP1 .223, Quantity 3, Cost \$1400 each**

**(Removing from service)**



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Colt Sporter .223, Quantity 1, Cost \$1500 each

**(Removing from service)**

Colt Match Target Lightweight .223, Quantity 1, Cost \$1500

**(Removing from service)**

Remington 700 .308, Quantity 2, Cost \$1400 each

Sig Sauer 716 G2 .308, Quantity 2, Cost \$1600 each

**(Requesting two (2) additional)**

Sig Sauer 516 5.56, Quantity 7, Cost \$1500 each

**(Removing from service)**

Springfield M1A .3, Quantity 4, Cost \$1200 each

**(Removing from service)**

H&R Arms Company M1 .3, Quantity 3, Cost \$1000 each

**(Removing from service)**

Smith & Wesson M&P15 5.56, Quantity 5, Cost \$1400 each

**(Removing from service)**

General Motors Hydramatic M16A1 5.56, Quantity 4, Cost \$1000 each

**(Removing from service)**

Heckler and Koch 33E/53C 5.56, Quantity 2, Cost \$1500 each

**(Removing from service)**

International Harvester M1 .3, Quantity 1, Cost \$1000 each

**(Removing from service)**

Heckler and Koch UMP submachine gun .40/.45, Quantity 2, Cost \$2300 each

**(Removing from service)**

Heckler and Koch MP5 submachine gun 9mm, Quantity 1, Cost \$2300 each

**(Removing from service)**

Hornady TAP Heavy Barrier .308 WIN GMX, Quantity 1,400, Cost \$3 each



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- 165 gr specialized duty ammunition for the SWAT sniper team

**Hornady TAP Precision .308 WIN ELD Match, Quantity 5,200, Cost \$3 each**

- 168 gr specialized duty ammunition for the SWAT sniper team

**RUAG Swiss Armour Piercing .308 WIN Hard Target, Quantity 140, Cost \$4 each**

- 196 gr specialized duty ammunition for the SWAT sniper team

**RUAG Swiss-P Subsonic .308 WIN Tactical Rifle, Quantity 30, Cost \$4 each**

- 200 gr specialized duty ammunition for the SWAT sniper team

**Speer Gold Dot LE .223 REM, Quantity 16,000**

- 62 gr ammunition for duty carbine rifles

**Speer Federal American Eagle .223 REM, Quantity 130,000**

- 55 gr practice rounds used for qualifications and training

**Fiocchi Frangible Ammunition .223 REM, Quantity 11,000**

- 50 gr frangible rounds used for training in the live fire shoot house

**Federal 12g. Slug 1oz, Quantity 500, Cost \$3 each**

- 1oz slug used by Explosive Ordinance Technicians and the SWAT team

**Royal Arms 12g. Tesar Black Cap Breaching Round, Quantity 70, Cost \$8 each**

- 425 grain Copper Powder round used to breach door locks

- Purpose:** To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and desirable.
- Authorized Use:** Only POST certified and department trained officers may use rifles. Only POST certified and department trained SWAT officers may use submachine guns. All personnel who are authorized to use a rifle must demonstrate proficiency annually. SWAT members must demonstrate proficiency monthly with both rifles and submachine guns.
- Expected Lifespan:** Lifespans vary and some have none as parts can be changed.
- Fiscal Impact:** Annual maintenance is approximately \$50 for each weapon.
- Legal and Procedural Rules:** Use is established under the Chico Police Department Policy Manual Section 312 (Firearms). It is the policy of the Department to utilize rifles and associated ammunition only for official law



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enforcement purposes, and pursuant to State and Federal law regarding the use of force.

## 4. Distraction/Diversionsary Devices

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

Defense Technology Low Roll Distraction Device, Quantity 41, Cost \$60

Defense Technology Mutli-Port Distraction Device, Quantity 18, Cost \$60

Defense Technology Fuse, Quantity 49, Cost \$34

**Liberty Dynamic Flashbang, Quantity 0, Cost \$50 (Requesting T&E for future)**

**ALS Aerial Warning Bang**

- b. **Purpose:** To produce a distraction with a loud noise and bright light in order to provide a tactical advantage for officers.
- c. **Authorized Use:** Distraction devices shall only be used by officers who have been trained in their use during hostage or barricaded subject situations, situations that pose a high risk of death or serious bodily injury to officers, or during training exercises.
- d. **Expected Lifespan:** 5 years
- e. **Fiscal Impact:** Replace fuses and bodies as needed. Currently about 15 replaced a year for an average cost \$600 annually.
- f. **Legal and Procedural Rules:** Use is established under the Chico Police Department Policy Manual Section 308 (Control Devices). It is the policy of the Department to utilize rifles and associated ammunition only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

## 5. Chemical Agents and Smoke Canisters

- a. **Description, Quantity, Capabilities, and Purchase Cost:** Chemical Agents munitions, which are commonly referred to as “tear gas,” can be used by the Chico Police Department as a non-lethal tool to disperse rioting suspects or barricaded subjects. The Chico Police Department uses chemical agents which are used by law enforcement agencies 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 the US, specifically by the US Army. There are no known allergic reactions to CS. OC was de-regulated in California in 1996, is



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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).

### **Defense Technology Pocket Tactical Grenade CS, Quantity 42, Cost \$24 each**

- This CS grenade is a flameless design primarily used for indoor tactical situations to detect or dislodge a barricaded subject. These CS grenades are deployed by hand and not designed to be launched from a 40MM or any other launch platform. The CS grenade will deliver approximately .70 ounces of agent during its 20-25 second burn time. These CS grenades could be used in riot situations as well as indoor use.

### **Defense Technology Riot Control Continuous Discharge CS, Quantity 21, \$33 each**

- The Riot Control CS Grenade is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the canister. This grenade dispels smoke as well as CS which allows for concealed tactical movement as well as crowd displacement.

### **Defense Technology Large Smoke Canisters, Quantity 15, Cost \$39 each**

- This smoke grenade is a flameless design primarily used for indoor tactical situations to detect or dislodge a barricaded subject. These smoke grenades are deployed by hand and not designed to be launched from a 40MM or any other launch platform. The smoke grenade will deliver approximately .70 ounces of agent during its 20-25 second burn time. These smoke grenades could be used in riot situations as well as indoor use.

### **Combined Systems Technology Large Riot Baffled CS Smoke Canisters, Quantity 0, Cost \$39 each (Requesting to acquire)**

- The Baffled Riot CS Smoke canister is utilized in conjunction with the Launching Cup or simply by hand. This canister is designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire. It will burn approximately 20-40 seconds.

### **Combined Systems Technology 40mm LC5 Baffled Riot CS Smoke Cannister Launching Cup, Quantity 0, Cost \$35 (Requesting to acquire)**

- The Combined Systems Technology LC5 Launching Cups are designed



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for the large Baffled Riot Smoke Cannister. The cups can be attached to virtually any 12ga shotgun, and the munition launched with launching cartridges. These can be fired from most 12ga smooth bore shotguns.

- b. **Purpose:** To de-escalate a potentially deadly situation, with a reduced potential for death or serious physical injury to all persons, when a decision has been made to restrain or arrest a violent or threatening subject(s).
- c. **Authorized Use:** Chemical Agents may be used for crowd control, crowd dispersal, or against barricaded suspects based on the circumstances. Only the Watch Commander, Incident Commander, or Tactical Commander may authorize the delivery and use of tear gas, and only after evaluating all conditions known at the time and determining that such force reasonably appears justified and necessary. Only officers who have received POST certification in the use chemical agents are authorized to deploy chemical agents.
- d. **Expected Lifespan:** All chemical agents have a life span of 5 years
- e. **Fiscal Impact:** Replace expired or used chemical agents- \$500 annually
- f. **Legal and Procedural Rules:** Use is established under Chico Police Department Policy Manual Section 300 (Use of Force) 308 (Control Devices) and 466 (First Amendment Assemblies). They are to be used as an intermediate level of force. It is the policy of the Department to utilize Chemical Agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force including the use of force as it pertains to California Penal Code Section 13652.1 and California Assembly Bill 48. All use of these items will be released annually within the required annual Military Equipment Use Report and within 60 days under the department website regulatory link if utilized for crowd control situations.

## 6. PepperBall

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

### **Tippman SA200 PepperBall Launcher, Quantity 11, Cost \$250 each**

- This is a commercial paintball gun that uses compressed air to fire a non-lethal projectile that contains OC, or pepper spray. The launcher is fed by a large hopper that holds about 100 projectiles.

### **PepperBall LIVE-X PROJECTILE, Quantity 750, Cost \$3 each**

- The LIVE-X Projectile contains a concentrated amount of PAVA pepper powder. One round of LIVE-X contains the equivalent of 10 PepperBall rounds. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact range of 60





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feet and an area of saturation of 150+ feet. The projectile contains 5% PAVA powder.

- 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:
- Self-destructive, dangerous and/or combative individuals.
  - Riot/Crowd control and civil unrest incidents.
  - Circumstances where a tactical advantage can be obtained.
  - Potentially vicious animals.
  - Training exercises or approved demonstrations.
- c. **Authorized Use:** Only those officers who have been trained in the use of PepperBall system are authorized to use the PepperBall system.
- d. **Expected Lifespan:**
- Tippman SA200 – 15 years
  - PepperBall Launcher – No expiration
  - PepperBall Live-X Projectile – 1 year
- e. **Fiscal Impact:**
- Tippman SA200 – \$50 annually
  - PepperBall Live-X Projectile - \$1200 annually
- f. **Legal and Procedural Rules:** Use is established under Chico Police Department Policy Manual Section 300 (Use of Force) 308 (Control Devices) and 466 (First Amendment Assemblies). It is the policy of the Department to utilize Pepperball projectiles for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force as it pertains to California Penal Code Section 13652.1 and California Assembly Bill 48. All use of these items will be released annually within the required annual Military Equipment Use Report and within 60 days under the department website regulatory link if utilized for crowd control situations.

## 7. Long Range Acoustic Device

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

**LRAD 100X, Quantity 1, Cost \$16,455**

- The LRAD 100X is a portable hailing system able to extend voice broadcast range out to 600 meters. This ensures voice messages are clearly heard and understood. The battery operated and remote operation of the LRAD allow the operator to communicate from secure area.



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- b. **Purpose:** To be used to issue dispersal orders during crowd and riot control situations or to address the public in the event of civil emergencies, natural disasters, evacuations, and police incidents (e.g., missing persons, perimeters for wanted suspects. K9 deployments, etc.).
- c. **Authorized Use:** The LRAD should only be used by officers trained in its deployment and used in a manner consistent with Department policy and training. **The LRAD warning sound will not be used under any circumstances.**
- d. **Expected Lifespan:** 20 years
- e. **Fiscal Impact:** None
- f. **Legal and Procedural Rules:** Use is established under Chico Police Department Policy Manual Section 311 (Long Range Acoustical Device LRAD). Use of the LRAD is for official law enforcement purposes and will be used according to applicable State and Federal law. Likewise, the LRAD will only be utilized as a loudspeaker during First Amendment Assemblies per Chico Police Department Policy section 466 and at no time will the warning sound be utilized to disperse crowds.

## 8. Less Lethal Impact Weapons

- a. **Description, Quantity, Capabilities, and Purchase Cost Each:**

### **Defense Technology 40 MM Single Shot Launcher, Quantity 23, Cost \$1,000**

- The 40MM single launcher is a tactical single shot launcher that fires a standard 40MM less lethal ammunition up to 131ft. This launcher is breach loaded and must be reloaded after each use.

### **Defense Technology 40 MM 4 Shot Launcher, Quantity 1, Cost \$ 1,975**

- The 40MM 4 shot launcher is a tactical 4 shot launcher that fires a standard 40MM less lethal ammunition up to 131ft. This launcher provides multi-shot capability before having to reload.

### **Penn Arms 40MM 6 Shot Launcher, Quantity 1, Cost \$2,700**

- The 40MM 6 shot launcher is a tactical 6 shot launcher that fires a standard 40MM less lethal ammunition up to 131ft. This launcher provides multi-shot capability before having to reload.

### **Defense Technology 37 MM Single Shot Launcher, Quantity 1, Cost \$850**



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- The 37MM single shot launcher is a tactical single shot launcher that fires a standard 37MM less lethal ammunition up to 50 yards. This launcher is a breach loaded and must be reloaded after each use.

### **Federal Laboratories 37 MM Single Shot Launcher, Quantity 1, Cost \$ 850**

- The 37MM single shot launcher is a tactical single shot launcher that fires a standard 37MM less lethal ammunition up to 50 yards. This launcher is a breach loaded and must be reloaded after each use.

### **Remington 870 Less Lethal Shotgun, Quantity 18, Cost \$500**

- The Remington 80 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round up to 75 feet. The range of the weapon system helps to maintain space between officers and a suspect reducing the immediacy of the threat which is a principle of de-escalation.

### **12-Gauge Super-Sock Beanbag Round, Quantity 350, Cost \$5 each**

- A less lethal 2.4 inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams or lead shot at a velocity of 270-290 feet per second. These rounds are discharged from a Remington 870 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the approved distance of not fewer than 5 feet. The maximum effective range of this munition is up to 75 feet.

### **12-Gauge Aerial Pest Round, Quantity 13, Cost \$5 each**

- A 12-gauge round used as a noise deterrent. They are not discharged at persons, but rather shot into the air where they detonate with a loud report.

### **Defense Technology 40MM Exact Impact Sponge, Quantity 132, Cost \$18 each**

- A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose built 40MM launcher with a rifled barrel at up to 325 feet per second. The 30-gram crushable foam projectile delivers 120ft/lbs. of energy upon impact.

### **Defense Technology 40MM Direct Impact OC, Quantity 12, Cost \$28 each**

- A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose built 40MM launcher with a rifled



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barrel at up to 290 feet per second. The 39-gram crushable foam projectile delivers 120ft/lbs. of energy upon impact in addition to dispersion of 5 grams of oleoresin capsicum (OC) irritant.

### **Defense Technology 37MM Ferret OC Barricade Penetrating Projectile, Quantity 15, cost \$24**

- A less lethal 37MM round used to penetrate barriers, such as windows, hollow core doors, wallboard, and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. These rounds are never discharged at a person.

### **Defense Technology 37MM Ferret CS Barricade Penetrating Projectile, Quantity 17, cost \$24**

- A less lethal 37MM round used to penetrate barriers, such as windows, hollow core doors, wallboard, and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. These rounds are never discharged at a person.

### **Defense Technology 40MM Warning/Signaling Munition, Quantity 7, Cost \$38**

- The 40MM Aerial Warning/Signaling Munition, 50 meters, is intended for use in situations where stand-off distance is desired, giving the operator the ability to engage crowds, vehicles, or vessels. Launched from a 40MM platform, the munitions deflagrate at a set distance of 50 meters to deliver 170dB of sound and 5 million candelas of light, noticeable in day or night conditions.

**b. Purpose:** Less Lethal munitions can be used to de-escalate a potentially deadly situation, with a reduced potential for death or serious physical injury.

**c. Authorized Use:** Less lethal munitions may be used by those officers trained in their use in the following type of situations, but are not limited to these situations:

- Persons armed with a weapon and the tactical circumstances allow for the safe application of the approved munitions
- Persons making credible threats to harm themselves or others.
- Persons engaged in riotous behavior such as throwing rocks, bottles, or other dangerous projectiles at people or officers.



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**d. Expected Lifespan:**

- All launchers and less lethal shotguns – 10 years
- All munitions 5 years

**e. Fiscal Impact:** Replace stock as needed (varying cost) and maintenance cost of launchers/shotguns (\$100 annual)

**f. Legal and Procedural Rules:** Use of kinetic energy projectiles and chemical agents is established under Chico Police Department Policy Manual Section 300 (Use of Force) 308 (Control Devices) and 466 (First Amendment Assemblies). It is the policy of the Department to utilize kinetic energy projectiles for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force as it pertains to California Penal Code Section 13652.1 and California Assembly Bill 48. All use of these items will be released annually within the required annual Military Equipment Use Report and within 60 days under the department website regulatory link if utilized for crowd control situations.

## 9. Kinetic Breaching Tool

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

**Kinetic Breaching KBT 3-1000, Quantity 0, Cost \$14,000 (Requesting to T&E for future acquisition)**

- The KBT was purpose-built from the ground up to solve a specific problem for tactical units: filling the gap between manual forced entry and explosive breaching. This breaching tool employs the best of physics in the form of a self-contained impact ram with powder-actuated cartridges that go directly into a door or entryway. The KBT captures the force of the ram within the tool, ensuring that no projectile or explosive energy leaves the device. The KBT also increases operator safety by allowing operators to breach from behind a shield or to the side of the door. This is a ready-to-use device that can completely replace explosive and hydraulic breaching, battering rams, and other manual forced entry techniques that drain valuable time and energy from your tactical unit.

**b. Purpose:** Kinetic Breaching Tools require minimal levels of force to forcefully open locked doors of all sizes and shapes, reduce the time it takes to overcome any locking mechanism, all with a reduced potential for death or serious physical injury.

**c. Authorized Use:** Kinetic breaching tools will only be utilized by those who are trained and certified in its use to overcome and defeat locked doors, gates, and other situations where the device can assist in gaining safe and efficient entry.



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**d. Expected Lifespan:**

- 15 years

**e. Fiscal Impact:** Initial cost will be \$14,000 with unknown annual maintenance

**f. Legal and Procedural Rules:** Use of the Kinetic Breaching Tool is for official law enforcement purposes and will be used according to applicable State and Federal law.

## 10.ROBOTS

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

**Transcend Vantage Tactical Robot, Quantity 2, Cost \$100,000 (Requesting to acquire)**

- A remotely controlled, tracked, robot equipped with cameras, two-way audio communication, and CS smoke deployment capabilities. The ability to observe the interior/exterior of a structure or location and traverse stairways. This capability increases the safety of community members, officers, and suspects by providing the operator with the ability to observe and locate subjects without the risk of a face-to-face confrontation. Additionally, the remote, two-way, communication capability allows operators to de-escalate situations by negotiating the surrender of barricaded subjects. It also provides an option of breaching doors with hydraulic spreaders instead of breaching explosives.

**b. Purpose:** To be used during tactical incidents to safely search the interior/ exterior of structures and locations without exposing officers and/or community members to the risk of a face-to face confrontation or hazard areas.

**c. Authorized Use:** The tactical robot shall only be deployed by Department personnel trained in its use, and with the approval of the SWAT Commander, Watch Commander, or their designee.

**d. Expected Lifespan:** The robot's lifespan is approximately 10 years.

**e. Fiscal Impact:** Annual maintenance cost of approximately \$500.

**f. Training:** All operators shall receive initial training before deploying the robot in the field.

**g. Legal and Procedural Rules:** The Department shall only utilize the robot for official law enforcement purposes and pursuant to State and Federal Law.