



## Memorandum

**DATE:** July 26, 2023  
**TO:** Chief Solorzano  
**FROM:** Lieutenant Cress  
**RE:** 2023 Regulated Equipment Inventory and Report

On 7/26/23 I completed the Cal Poly Humboldt Police Department's (UPD) 2023 Regulated Equipment Inventory pursuant to Policy 706 and Gov. Code section 7071. The inventory is reflected in the 2023 Attachment to Policy 706 attached to this memorandum and available [here](#). Pursuant to Policy 706, I contacted Associate Dean of Students Molly Kresl, chairperson of the Campus Safety & Police Committee, and requested that the inventory be placed on the agenda for the next committee meeting pursuant to the annual community engagement requirement. This report was attached to the UPD website at <https://police.humboldt.edu/public-postings> pursuant to Gov. Code section 7072 and policy.

## 2023 Cal Poly Humboldt Attachment A – Policy 706

### 1. Unmanned, remotely piloted, powered aerial or ground vehicles.

#### a. *Unmanned Aerial Systems (UAS)*

- i. The Cal Poly Humboldt Police Department does not own or operate UAS equipment and is not aware of any allied agencies or mutual aid partners that operate these vehicles.
- ii. **Description:** In general, a UAS is described as an unmanned aircraft of any type that is capable of sustaining directed flight, whether pre-programmed or remotely controlled (commonly referred to as an unmanned aerial vehicle (UAV)), and all of the supporting or attached systems designed for gathering information through imaging, recording or any other means.
- iii. **Quantity:** Not Applicable
- iv. **Capabilities:** UAS can support first responders in any hazardous or critical 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.
- v. **Lifespan:** Approximately five years per device.
- vi. **Purpose and Authorized Use:** Not Applicable.
- vii. **Fiscal Impact:** None.
- viii. **Legal and Procedural Rules:** Not applicable.
- ix. **Required Training:** Not Applicable.
- x. **Compliance:** Not Applicable.

#### b. *Small Unmanned Tracked Robots (SUTR)*

- i. The Cal Poly Humboldt Police Department does not own or operate SUTR equipment. However, allied agencies or mutual aid partners may support the Cal Poly Humboldt Police Department during hazardous or critical situations. Deployment of a SUTR shall require authorization of the Chief of Police or authorized designee.
  1. The Humboldt County Sheriff's Office owns and operates a Andros F6 Bomb Robot as a part of their Explosive Ordinance Detail. The device is used to investigate potential explosive devices from a safe distance and disarm such devices when necessary.
  2. The Humboldt County Sheriff's Office owns and operates a Transcend Tactical Vantage Patrol Robot as a part of their Special Weapons and Tactics Team. The device is used to conduct reconnaissance, both indoors and outdoors, when there is a known or suspected threat.

3. The Humboldt County Sheriff's Office owns and operates an Avatar II Robot as a part of their Special Weapons and Tactics Team. The device is used to conduct reconnaissance, both indoors and outdoors, when there is a known or suspected threat.
- ii. **Description:** An unmanned tracked robot of any type that is capable of being remotely controlled as well as all of the supporting or attached systems designed for gathering information through imaging, recording or by any other means.
- iii. **Quantity:** The quantity of SUTR available for use is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police Department, and the type of hazardous or critical situation that is unfolding.
- iv. **Capabilities:** Designed for use by bomb squads, explosive ordinance disposal, or SWAT teams a SUTR is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. They provide for immediate situational awareness through visual, audio, and sensor feedback, perform persistent observation and investigate dangerous and hazardous material while keeping first responders out of harm's way.
- v. **Lifespan:** Lifespan varies on operational usage and wear.
- vi. **Purpose and Authorized Use:** These uses could include search and rescue, barricaded suspects or high-risk tactical operations, suspicious substances or packages, disaster response, rendering safe of explosive material or devices, and may provide for immediate situational awareness through visual, audio, and sensor feedback.
- vii. **Fiscal Impact:** None
- viii. **Legal and Procedural Rules:** Deployment of a SUTR requires authorization of the Chief of Police or authorized designee, depending on the type of mission. Allied agencies and mutual aid partners operating a SUTR must follow their policy and procedures.
- ix. **Required Training:** Only authorized operators who have completed the required training shall be permitted to operate the SUTR.
- x. **Compliance:** Allied agencies or mutual aid partners are responsible for ensuring that all authorized operators and required observers have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of the SUTR. They are also responsible for developing uniform protocol for submission and evaluation of requests to deploy a SUTR, including urgent requests made during ongoing or emerging incidents.

2. **Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.**

a. *Armored Personnel Carriers*

- i. The Cal Poly Humboldt Police Department does not own or operate an armored personnel carrier. However, allied agencies or mutual aid partners do and may support the Cal Poly Humboldt Police Department during hazardous or critical situations.
  1. The Humboldt County Sheriff's Office owns and operates a Lenco G3 BearCat. The vehicle is used to facilitate deescalation efforts, extract injured persons, and for tactical positioning under threat.
- ii. **Description:** A BearCat is a 4X4, wheeled, armored personnel carrier capable of providing high ballistic protection, cover, limited breaching capability, and transport of officers and/or civilians at critical incidents and high-risk tactical operations.
- iii. **Quantity:** The quantity of armored personnel carriers available for use is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police Department, and the type of hazardous or critical situation that is unfolding.
- iv. **Capabilities:** Armored personnel carriers, such as 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.
- v. **Lifespan:** Lifespan varies on operational usage and wear.
- vi. **Purpose and Authorized Use:** Use of an armored personnel carrier is restricted to those situations where the utility and capability of the vehicle are necessary and when the capabilities of other department vehicles are insufficient for those situations as determined by the chief of police or department designee. This includes, but is not limited to public safety emergencies where life threatening conditions exist, the extraction of persons at risk, the need to insert police, fire, and emergency medical services into a dangerous environment, ballistic or projectile protection, high-risk vehicle stops, high-risk warrant service, active shooters, unsecured crime scenes. These vehicles may also be used during public engagement events and training exercises.
- vii. **Fiscal Impact:** None.
- viii. **Legal and Procedural Rules:** Deployment of an armored personnel carrier is governed by allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the type of mission. Allied

agencies and mutual aid partners operating an armored personnel carrier must follow their policy and procedures.

- ix. **Required Training:** Only authorized operators who have completed the required training shall be permitted to operate an authorized personnel carrier.
- x. **Compliance:** Allied agencies or mutual aid partners are responsible for ensuring that all authorized operators and required observers have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of the armored personnel carrier.

3. **High mobility multipurpose wheeled vehicles (HMMWV), commonly referred to as Humvees, two and one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached.**

- a. *Not Applicable-* The Cal Poly Humboldt Police Department does not own or operate any vehicles within this category. We are also not aware of any allied agencies or mutual aid partners that currently operate these vehicles.

4. **Tracked armored vehicles that provide ballistic protection to their occupants and utilize a tracked system instead of wheels for forward motion.**

- a. *Not Applicable-* The Cal Poly Humboldt Police Department does not own or operate any vehicles within this category. We are also not aware of any allied agencies or mutual aid partners that currently operate these vehicles.

5. **Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.**

a. *Mobile Command Center Vehicle*

- i. The Cal Poly Humboldt Police Department does not own or operate a mobile command center vehicle. However, allied agencies or mutual aid partners, including the Humboldt County Sheriff's Office have mobile command center vehicles that may support the Cal Poly Humboldt Police Department during hazardous or critical situations, events with large gatherings, public engagement events, and training exercises.
- ii. **Description:** The vehicles are self-contained command posts designed to provide the Incident Commander with a mobile base of operation. As a mobile base of operation, these vehicles contain specialized command, control, and communications equipment to assist with a specific operation or event.
- iii. **Quantity:** The quantity of mobile command center vehicles available for use is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police

Department, and the type of hazardous or critical situation or event needing such equipment.

- iv. **Capabilities:** Completely self-contained command posts are designed to provide the Incident Commander with a mobile base of operation. As a mobile base of operation, these vehicles contain specialized command, control, and communications equipment to assist with a specific operation or event.
- v. **Lifespan:** Lifespan varies on operational usage and wear.
- vi. **Purpose and Authorized Use:** Any emergency or disaster, at either the local or regional level, that requires the activation of the jurisdiction's Emergency Operations Center and where the jurisdiction's Emergency Operations Center is not functional, or where multiple Emergency Operations Centers or a field Emergency Operations Center are needed to coordinate the response of emergency personnel; Planned special events or critical investigation where the mobile command center vehicle would be used as an operational command center to coordinate the operational aspects during the event or investigation; and/or, public relations exhibitions for display of the mobile command center vehicle as one of the assets of the Humboldt County Operational Area.
- vii. **Fiscal Impact:** None.
- viii. **Legal and Procedural Rules:** Deployment of a mobile command center vehicle is governed by allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the type of mission. Allied agencies and mutual aid personnel operating a mobile command center vehicle must follow their policy and procedures.
- ix. **Required Training:** Only authorized operators who have completed the required training shall be permitted to operate a mobile command center vehicle.
- x. **Compliance:** Allied agencies or mutual aid partners are responsible for ensuring that all authorized operators and required observers have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of the mobile command center vehicle.

**6. Weaponized aircraft, vessels, or vehicles of any kind.**

- a. *Not Applicable-* The Cal Poly Humboldt Police Department does not own or operate any vehicles within this category. We are also not aware of any allied agencies or mutual aid partners that operate these vehicles.

**7. Battering rams, slugs, and breaching apparatuses that are explosive in nature.**

- a. *Explosive Breaching Equipment*

- i. The Cal Poly Humboldt Police Department does not own or operate explosive breaching equipment. However, allied agencies or mutual aid partners may support the Cal Poly Humboldt Police Department during hazardous or critical situations.
  - 1. The Humboldt County Sheriff's Office hosts a regional SWAT Team that may provide mutual aid to the Cal Poly Humboldt Police Department. The Regional SWAT Team possesses and utilizes CTS 7290M Mini Flash-Bangs and CTS 7290-9 Flash-Bangs in accordance with Humboldt County Sheriff's Office policy (also see Flashbang section below).
- ii. **Description:** During hazardous or critical situations, it may become necessary for a SWAT team to facilitate an entry into a target location. It is critical the point of entry is breached quickly and as safely as possible. A quick and effective breach is one key to a successful tactical mission. In some instances, an explosive breach may be required to provide an added degree of safety and tactical advantage in order to accomplish a mission.
- iii. **Quantity:** The quantity of explosive breaching equipment available for use is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police Department, and the type of hazardous or critical situation that is unfolding.
- iv. **Capabilities:** Explosive breaching, the use of explosive materials to affect a breach, can be an effective option in response to barricaded suspects, hostage rescue incidents, and active shooters. Effective breaching techniques allow tactical officers immediate entry with minimized risk to victims, officers, and suspects.
- v. **Lifespan:** Lifespan varies on operational usage and wear, but is approximately five years.
- vi. **Purpose and Authorized Use:** An Explosive Breach should only be utilized after taking into consideration the overall mission, officer and citizen safety, the overall construction of the structure, the presence of unstable chemicals, explosives or incendiary materials, and whether other means of mechanical breaching would be effective and safe to use. The option to use an explosive breach shall be at the discretion of the SWAT Commanding Officer with the approval of the Incident Commander.
- vii. **Fiscal Impact:** None.
- viii. **Legal and Procedural Rules:** Deployment of explosive breaching equipment is governed by allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the type of mission. Allied

agencies and mutual aid partners utilizing explosive breaching equipment must follow their policy and procedures, and current law.

- ix. **Required Training:** Only authorized operators who have completed the required training shall be permitted to operate explosive breaching devices.
- x. **Compliance:** Allied agencies or mutual aid partners are responsible for ensuring that all authorized operators and required observers have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of explosive breaching equipment.

**8. Firearms of .50 caliber or greater.**

- a. *Not Applicable-* The Cal Poly Humboldt Police Department does not own or operate any firearms of .50 caliber or greater. We are also not aware of any allied agencies or mutual aid partners that own or utilize these firearms.

**9. Ammunition of .50 caliber or greater.**

- a. *Not Applicable-* The Cal Poly Humboldt Police Department does not possess ammunition of .50 caliber or greater. We are also not aware of any allied agencies or mutual aid partners that possess this ammunition.

**10. Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in Sections 30510 and 30515 of the Penal Code, with the exception of standard issue service weapons and ammunition of less than .50 caliber that are issued to officers, agents, or employees of a law enforcement agency or a state agency.**

a. *Patrol Rifle*

- i. The Cal Poly Humboldt Police Department issues patrol rifles to its officers in the standard course and scope of their duties. Only those that have been trained in the deployment and use of the rifles may carry a rifle while on duty. There are several policies that regulate the use of the rifles, including but not limited to [Policy 300](#) (Use of Force) and [Policy 306](#) (Firearms).
- ii. **Description:** The authorized department-issued patrol rifle is the Colt M-4, 5.56mm caliber, with collapsible stock, lights, and optics. Cal Poly Humboldt also owns one Colt AR-15, .223 caliber semi-automatic rifle, with collapsible stocks and a light. This rifle is not assigned out for patrol use and is used primarily for training purposes. Cal Poly Humboldt also owns one Colt M-4, .556mm caliber semi-automatic rifle with an attached scope. This rifle is not currently assigned out or authorized for patrol use.
- iii. **Quantity:** The Cal Poly Humboldt Police Department currently owns 14 patrol rifles, 12 of which are issued out.
- iv. **Capabilities:** The patrol rifle provides members the ability to engage hostile suspects at distances generally greater than the

effective distance of their handguns. Additionally, though not appropriate for every situation, patrol rifles offer advantages over handguns, such as increased accuracy potential and the ability to defeat soft body armor.

- v. **Life Span:** Lifespan varies on operational usage and wear, but is approximately five years.
- vi. **Purpose and Authorized Use:** The Cal Poly Humboldt Police Department equips its members with patrol rifles to address the risks posed to the public and department members by violent and sometimes well-armed persons. The Department ensures relevant training is provided.
  - 1. Members may deploy the patrol rifle in any circumstance where the member can articulate a reasonable expectation that the rifle may be needed. Examples of some general guidelines for deploying the patrol rifle may include but are not limited to: (a) Situations where the member reasonably anticipates an armed encounter. (b) When a member is faced with a situation that may require accurate and effective fire at long range. (c) Situations where a member reasonably expects the need to meet or exceed a suspect's firepower. (d) When a member reasonably believes that there may be a need to fire on a barricaded person or a person with a hostage. (e) When a member reasonably believes that a suspect may be wearing body armor. (f) When authorized or requested by a supervisor. (g) When needed to euthanize an animal.
- vii. **Fiscal Impact:** The initial cost of each patrol rifle is approximately \$2,000 each, with annual maintenance costs of \$100. In addition, annual training costs for each member, including range fees, cost of ammunition, training, etc., is approximately \$6,000.
- viii. **Legal and Procedural Rules:** Deployment of patrol rifles is governed by Policy 300, Policy 306 and current law.
- ix. **Required Training:** Each member must attend a POST approved 16 hour course, and annual refresher training twice a year.
- x. **Compliance:** The Chief of Police or designee is responsible for ensuring that all authorized members of the department are trained in the applicable laws, policies and procedures regarding use of patrol rifles.

**11. Any firearm or firearm accessory that is designed to launch explosive projectiles.**

- a. *Not Applicable*- The Cal Poly Humboldt Police Department does not own or operate any firearm or firearm accessory that is designed to launch

explosive projectiles. We are also not aware of any allied agencies or mutual aid partners that own or utilize these firearms or accessories.

**12. “Flashbang” grenades and explosive breaching tools, “tear gas,” and “pepper balls,” excluding standard, service-issued handheld pepper spray.**

a. “Flashbang” grenades, explosive breaching tools, “tear gas,” and “pepper balls.”

i. The Cal Poly Humboldt Police Department does not own or operate “flashbang” grenades, explosive breaching tools or “tear gas.” However, allied agencies or mutual aid partners may support the Cal Poly Humboldt Police Department during hazardous or critical situations. With respect to Pepper Ball, the allied agencies and the Cal Poly Humboldt Police Department operate Pepper Ball launchers. In addition, the California State University Critical Response Unit (CRU), which includes members of the Cal Poly Humboldt Police Department does utilize “pepper balls” in riotous situations or as an intermediate use of force device in compliance with [Policy 303](#) and [Policy 430](#).

1. The Cal Poly Police Department does not own or operate Flashbangs. The Humboldt County Sheriff’s Office hosts a regional SWAT Team that may provide mutual aid to the Cal Poly Humboldt Police Department. The Regional SWAT Team possesses and utilizes CTS 7290M Mini Flash-Bangs and CTS 7290-9 Flash-Bangs in accordance with Humboldt County Sheriff’s Office policy.
2. The Cal Poly Police Department does not own or operate tear gas. The Humboldt County Sheriff’s Office hosts a regional SWAT Team that may provide mutual aid to the Cal Poly Humboldt Police Department. The Regional SWAT Team possesses and utilizes tear gas in accordance with Humboldt County Sheriff’s Office policy.
3. Cal Poly Humboldt owns and operates TPI Pepperball-brand launchers that expend TPI-brand pepper balls of four varieties: 1) PAVA Powder (OC) rounds, 2) inert scented training rounds, 3) dye-marking rounds, and 4) glass breaking rounds.
  - a. The Cal Poly Police Department may receive assistance, that includes use of Pepper Ball launchers, from the California State University CRU Team, allied agencies, or mutual aid partners.

ii. **Description:**

1. Flashbangs- Diversionary Devices aka “Flashbangs” are canisters that emit a loud noise and bright light.

2. Tear Gas- Consists of compounds, devices, and delivery systems, generally utilized by SWAT teams. These compounds can include irritants such as Chlorobenzalmalononitrile (CS), or an inflammatory agent such as Oleoresin Capsicum (OC), or Pava (synthetic OC). Chemical agents can be liquid, powder, or gaseous. Delivery systems can be pyrotechnic, blast dispersion, OC Fogger, or aerosol. Chemical agent delivery devices consist of a metal device handheld ram that can be loaded with a chemical agent canister, or a metal cylindrical container designed to contain a pyrotechnic chemical agent canister and reduce fire hazard upon deployment.
  3. Pepper Ball- A non-lethal munitions system that employs paintball launchers to propel “pepper balls” that contain powdered OC in place of the paint. The “pepper ball” delivery system combines chemical agent exposure with kinetic energy impact to aid in its effectiveness in addressing armed and/or violent individuals or crowds. “Pepper ball” munitions also include glass breaking rounds and marking rounds.
- iii. **Quantity:**
1. The quantity of “flashbang” grenades, explosive breaching tools, and “tear gas” equipment available for use is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police Department, and the type of hazardous or critical situation that is unfolding.
  2. The Cal Poly Police Department owns and operates four Pepper Ball launchers.
- iv. **Capabilities:**
1. *Diversionary Devices aka “Flashbangs”*- Diversionary devices are capable of releasing large amounts of stored energy in the form of heat, light, pressure, and noise. They are intended to temporarily distract, confuse, and disorient subjects.
  2. *Chemical Agents and Chemical Agent Delivery Devices*- Depending on the delivery method, chemical agents are capable of being introduced in close proximity or from a distance. Depending on the type of delivery system and/or quantity, chemical agents can be used to saturate individual suspects, violent crowds, or areas of varied size.
  3. *Pepper Ball Launchers and Pepper Ball Munitions*“- Pepper Ball launchers give officers the ability to address an armed

and/or violent subject(s) with a non-lethal munition that delivers both chemical agent and kinetic energy impact. This combination can be extremely effective in gaining compliance or reducing threat potential with an armed and/or violent subject(s). Due to its design, “pepper balls” can be delivered from a larger standoff distance allowing for an added degree of officer safety. Its high round capability and accuracy allow for its use in a wide variety of situations or operational environments.

v. **Lifespan:**

1. *Diversionary Devices aka “Flashbangs”*- Lifespan varies, but is approximately five years.
2. *Chemical Agents and Chemical Agent Delivery Devices*- Lifespan varies, but is approximately two to five years.
3. *Pepper Ball Launchers and Pepper Ball Munitions*- Lifespan varies, but is approximately two to three years.

vi. **Purpose and Authorized Use:**

1. *Diversionary Devices aka “Flashbangs”*- Diversionary devices are generally exclusively used by trained members of a SWAT Team. They can be used in high risk tactical operations as an attention getting device. They can also be used during high risk warrants, hostage rescue incidents, and in situations where an added degree of officer safety is necessary by disorienting subject(s). These devices are governed by current law and policy as indicated above.
2. *Chemical Agents and Chemical Agent Delivery Devices*- Chemical agents are generally exclusively used by trained members of a SWAT Team. Generally, during high risk tactical situations or incidents chemical agents can be used to dislodge a suspect from a stronghold location with the least possible danger to the public, police, and the subject(s). Chemical agents can also be used to prevent an armed subject(s) from accurately firing at members of the public and/or officers. They can also be used in limited instances during civil unrest or riots to disperse violent crowds. These devices are governed by current law and policy as indicated above.
3. *Pepper Ball Launchers and Pepper Ball Munitions*“- Pepper ball launchers and munitions are to be used by trained personnel only. Pepper ball launchers and munitions can be used to address armed and/or violent individuals or crowds, limited instances of violent civil unrest, suicidal individuals, and individuals believed to possess or have immediate

access to a deadly weapon. Pepper ball munitions can be effective in driving suspects from confined spaces or vehicles. The use of pepper ball munitions is only authorized under certain circumstances, and is contingent on the approval of the on-scene incident commander, absent exigent circumstances.

vii. **Fiscal Impact:**

1. *Diversionsary Devices aka "Flashbangs"*- None
2. *Chemical Agents and Chemical Agent Devices*- None
3. *Pepper Ball Launchers and Pepper Ball Munitions*- A Pepper Ball Launcher with necessary Pepper Ball projectiles is about \$1300. Annual cost to train on the Pepper Ball system is about \$2000.

viii. **Legal and Procedural Rules:**

1. *Diversionsary Devices aka "Flashbangs"*- Deployment of a diversionary device is governed by allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the type of incident or situation. Allied agencies and mutual aid partners utilizing diversionary devices must follow their policy and procedures, and current law.
2. *Chemical Agents and Chemical Agent Delivery Devices*- Deployment of chemical agents is governed by allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the type of incident or situation. Allied agencies and mutual aid partners utilizing chemical devices must follow their policy and procedures, and current law.
3. *Pepper Ball Launchers and Pepper Ball Munitions*- Deployment of "pepper ball" launchers and munitions is governed by CSU Policy, allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the type of incident or situation. Allied agencies and mutual aid partners utilizing "pepper ball" launchers and munitions must follow their policy and procedures, and current law.

ix. **Required Training:**

1. *Diversionsary Devices aka "Flashbangs"*- Only authorized operators who have completed the required training shall be permitted to deploy diversionary devices. This may include regular training, as well as the necessity to pass annual qualifications with the use of diversionary devices in order to maintain proficiency.

2. *Chemical Agents and Chemical Agent Delivery Devices*- Only authorized operators who have completed the required training shall be permitted to deploy chemical agents. This may include regular training, as well as the necessity to pass annual qualifications with the use of chemical agents and chemical agent delivery systems in order to maintain proficiency.
3. *Pepper Ball Launchers and Pepper Ball Munitions*- Only authorized operators who have completed the required training shall be permitted to deploy “pepper ball” launchers and munitions. This may include regular training, as well as the necessity to pass annual qualifications with the use of “pepper ball” launchers and munitions in order to maintain proficiency.

x. **Compliance:**

1. *Diversionsary Devices aka “Flashbangs”*- Allied agencies or mutual aid partners are responsible for ensuring that all authorized operators have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of diversionsary devices.
2. *Chemical Agents and Chemical Agent Delivery Devices*- Allied agencies or mutual aid partners are responsible for ensuring that all authorized operators have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of chemical agents and chemical agent delivery devices.
3. *Pepper Ball Launchers and Pepper Ball Munitions*- CRU Team managers, allied agencies, mutual aid partners, and Cal Poly Humboldt Police Department supervisors are responsible for ensuring that all authorized operators have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of “pepper ball” launchers and munitions.

**13. Taser Shockwave, microwave weapons, water cannons, and the Long Range Acoustic Device (LRAD).**

- a. Long Range Acoustic Device (LRAD)- The Cal Poly Humboldt Police Department does not own or operate any Taser Shockwave, microwave weapons, water cannons, or the Long Range Acoustic Device (LRAD) and is also not aware of any allied agencies or mutual aid partners that own or utilize Taser Shockwave, microwave weapons, or water cannons. The California State University CRU Team operates an LRAD and may support

the Cal Poly Humboldt Police Department during hazardous or critical situations.

- b. **Description:** The LRAD is a type of loud speaker system that emits a focused and directional beam of sound.
- c. **Quantity:** The quantity of LRAD equipment available for use is dependent on the number of LRAD's utilized by the California State University CRU Team.
- d. **Capabilities:** The sound levels of this device are controllable and range from a mild public address type speaker sound level, for giving directions, to a high intensity, high pitch sound designed to deter or move subjects from an area.
- e. **Lifespan:** Lifespan varies on operational usage and wear. The manufacturer has a limited warranty of one year.
- f. **Purpose and Authorized Use:** The LRAD can be used as a public address system to issue emergency evacuation orders, communicate with a subject during a law enforcement operation where direct communication is not possible, relay directions to a crowd in a noisy environment (e.g. unlawful assembly announcements, etc.), to move a disruptive crowd using high-intensity sound during civil unrest situations, to communicate with the community during natural disasters, or to communicate when other forms of communication are ineffective or inadequate to unequivocally communicate with the public.
  - i. Generally, the use of an LRAD necessitates the approval of an incident commander or supervisor.
  - ii. The LRAD is not designed to be used as a weapon.
  - iii. The LRAD shall only be used by officers trained in its deployment and used in a manner consistent with allied agency or mutual aid partner department policy and training.
- g. **Fiscal Impact:** None; however, there may be nominal training costs of less than \$1000 per year for members of the Cal Poly Humboldt Police Department that serve on the CRU Team.
- h. **Legal and Procedural Rules:** Deployment of the LRAD is governed by allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the given situation. Allied agencies and mutual aid partners utilizing and LRAD must follow their policy and procedures, and current law.
  - i. **Required Training:** Only authorized department members trained in its deployment may use the LRAD. The LRAD must be used in a manner consistent with department policy and training.
- j. **Compliance:** CRU supervisors, allied agencies or mutual aid partners are responsible for ensuring that all authorized operators have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of an LRAD.

**14. The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons (Kinetic Energy Weapons and Munitions).**

**a. 40mm Projectile Launchers**

- i. The Cal Poly Humboldt Police Department does not issue 40mm Projectile Launchers. However, the California State University CRU Team, allied agencies, or mutual aid partners may support the Cal Poly Humboldt Police Department during hazardous or critical situations.
  1. The Humboldt County Sheriff’s Office operates a Lewis Machine and Tool, 40MM SINGLE SHOT LAUNCHER, with expandable stock and vertical foregrip #1425. It is equipped with an Aimpoint Patrol Rifle Optic red dot sight. It will fire standard 40mm less lethal ammunition. It will launch a 40MM less lethal round up to 131 feet. It is only authorized to be used by SWAT personnel.
- ii. **Description:** A single shot or multi-shot Extended Range Impact Weapon launcher capable of firing a variety of 40mm rounds.
- iii. **Quantity:** The quantity of 40mm Projectile Launchers available for use by allied agencies or mutual aid partners is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police Department, and the type of hazardous or critical situation that is unfolding.
- iv. **Capabilities:** 40mm Projectile Launchers are capable of firing a variety of munitions with a maximum effective range of 131 feet. 40mm Projectile Launchers can deliver munitions in the form of chemical agents, sponge baton rounds, or combined use sponge baton OC chemical agent rounds.
- v. **Lifespan:** Lifespan varies on operational usage and wear, but is approximately 10 years.
- vi. **Purpose and Authorized Use:** 40mm Projectile Launchers utilized with less lethal sponge baton blunt impact rounds may be deployed to impact a subject demonstrating assaultive behavior or life threatening behavior, in accordance with Policy 300 (Use of Force, Policy 303 (Control Devices), and Policy 430 (Civil Disputes)).
- vii. **Fiscal Impact:** None; however, there may be nominal training costs of less than \$1000 per year for members of the Cal Poly Humboldt Police Department that serve on the CRU Team.
- viii. **Legal and Procedural Rules:** Deployment of the 40mm Projectile Launcher is governed by department policy, allied agency or mutual aid partner policy, and may require authorization of the Chief of Police or authorized designee, depending on the given situation.

- ix. **Required Training:** Only authorized members trained in its deployment may use the 40mm Projectile Launcher.
  - x. **Compliance:** The Chief of Police or designee, CRU supervisors, allied agencies or mutual aid partners are responsible for ensuring that all authorized operators have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of a 40mm Projectile Launcher.
- b. *Bean Bag Shotguns*
- i. The Cal Poly Humboldt Police Department issues bean bag shotguns to its officers in the standard course and scope of their duties. Only those that have been trained in the deployment and use of the bean bag shotguns may carry them while on duty. In addition, allied agencies or mutual aid partners may deploy bean bag shotguns in support of the Cal Poly Humboldt Police Department during hazardous or critical situations.
  - ii. **Description:** Bean Bag Shotguns are standard Remington Model 870, 12-gauge shotguns, pump action, with magazine tubes holding six rounds of less lethal shells. They have a standard grip and have been modified with an orange stock and fore-end.
  - iii. **Quantity:** The Cal Poly Humboldt Police Department deploys one bean bag shotgun. The quantity of bean bag shotguns available for use by allied agencies or mutual aid partners is dependent on the allied agency or mutual aid partner responding to assist the Cal Poly Humboldt Police Department, and the type of hazardous or critical situation that is unfolding.
  - iv. **Capabilities:** Bean bag shotguns are capable of firing a 12-gauge bean bag round with maximum effective range of 20-50 feet.
  - v. **Lifespan:** Lifespan varies on operational usage and wear, but is approximately 10 years.
  - vi. **Purpose and Authorized Use:** Bean bag shotguns utilized with bean bag rounds may be deployed to impact a subject demonstrating assaultive behavior or life threatening behavior, in accordance with Policy 300 (Use of Force, Policy 303 (Control Devices), and Policy 430 (Civil Disputes).
  - vii. **Fiscal Impact:** \$2500 for transition kits, rounds, maintenance and training.
  - viii. **Legal and Procedural Rules:** Deployment of the bean bag shotgun is governed by department policy, allied agency or mutual aid partner policy.
  - ix. **Required Training:** Only authorized department members trained in its deployment may use the bean bag shotgun. The bean bag shotgun must be used in a manner consistent with department

policy and training. Officers must pass an annual qualification to maintain proficiency.

- x. **Compliance:** The Chief of Police or designee, allied agencies or mutual aid partners are responsible for ensuring that all authorized operators have completed all required and department-approved training in the operation, applicable laws, policies and procedures regarding use of a bean bag shotgun.

c. *Rubber bullet, and specialty impact munition (SIM) weapons*

- i. *Not Applicable-* The Cal Poly Humboldt Police Department does not own or deploy any Rubber bullet, and specialty impact munition (SIM) weapon and are not aware of any allied agencies or mutual aid partners that own or utilize this equipment.