



MILITARY EQUIPMENT USE – AB 481

Annual Report

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Annual Reporting Requirements

AB481 requires on an annual basis the police department to seek and obtain City Council approval for future acquisition and funding of new military equipment and provide City Council and the public a report outlining how the military equipment was used, to ensure the police department is adhering to our policy and the city ordinance.

Healdsburg Municipal Code 2.60.050 (Reports on they use of Military Equipment) requires the police department submit to City Council an annual military equipment report for each type of military equipment approved by the City Council within one year of approval, and annually thereafter for as long as the military equipment is available for use. The police department shall also make each annual military equipment report required by this section publicly available on its internet website for as long as the military equipment is available for use.

This annual military equipment report includes the all of the following required information for the immediately preceding calendar year for each type of military equipment:

1. A summary of how the military equipment was used and the purpose of its use.
2. A summary of any complaints or concerns received concerning the military equipment.
3. The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response.
4. The total annual cost for each type of military equipment, including acquisition, personnel, training, transportation, maintenance, storage, upgrade, and other ongoing costs, and from what source funds will be provided for the military equipment in the calendar year following submission of the annual military equipment report.
5. The quantity possessed for each type of military equipment.
6. If the law enforcement agency intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment.

Within 30 days of submitting and publicly releasing an annual military equipment report pursuant to this section, the police department will hold at least one well-publicized and conveniently located community engagement meeting, at which the general public may discuss and ask questions regarding the annual military equipment report and the law enforcement agency's funding, acquisition, or use of military equipment.

Summary of Uses

Unmanned, remotely piloted, powered aerial or ground vehicles

How equipment was used: Police Department sUAS's (drones) were used for a total of 10 flights/missions in 2022. Each flight/mission was conducted within department approved policy for the use of sUAS's.

Purpose of use:

Training - 2

Law Enforcement Search (Suspect) - 2

Law Enforcement Search and Rescue - 3

Law Enforcement Accident Scene - 3

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

How equipment was used:

Projectiles were deployed during a POST approved law enforcement training course. There were no other uses of this category of equipment.

Purpose of use:

Training Exercise

The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons

How equipment was used:

Projectiles were deployed during a POST approved law enforcement training course. There were no other uses of this category of equipment.

Purpose of use:

Training Exercise

Complaints or Concerns Received

Unmanned, remotely piloted, powered aerial or ground vehicles

Complaint/Concern:

No complaints or concerns were received.

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

Complaint/Concern:

No complaints or concerns were received.

The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons

Complaint/Concern:

No complaints or concerns were received.

Internal Audits of Equipment

Unmanned, remotely piloted, powered aerial or ground vehicles

Results of any internal audits:

A review of flight data was conducted and found that all flights were conducted within department policy and FAA regulations.

Information about violations of the military equipment use policy:

N/A

Actions taken in response:

N/A

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

Results of any internal audits:

There were no uses or deployments outside of approved training. No additional audits were conducted.

Information about violations of the military equipment use policy:

N/A

Actions taken in response:

N/A

The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons

Results of any internal audits:

There were no uses or deployments outside of approved training. No additional audits were conducted.

Information about violations of the military equipment use policy:

N/A

Actions taken in response:

N/A

Annual Costs

Unmanned, remotely piloted, powered aerial or ground vehicles

Acquisition	Personnel	Training	Transportation	Maintenance	Storage	Upgrade	Source funds	Total Costs
\$0.00	\$0.00	\$1,121	\$0.00	\$300	\$0.00	\$0.00	Approved FY 22-23 Budget	\$1,421

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

Acquisition	Personnel	Training	Transportation	Maintenance	Storage	Upgrade	Source funds	Total Costs
\$0.00	\$0.00	\$	\$0.00	\$0.00	\$0.00	\$0.00	Approved FY 22-23 Budget	\$0.00

The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons

Acquisition	Personnel	Training	Transportation	Maintenance	Storage	Upgrade	Source funds	Total Costs
\$0.00	\$0.00	\$730	\$0.00	\$0.00	\$0.00	\$0.00	Approved FY 22-23 Budget	\$730

Inventory of Equipment Possessed

Quantities as of Dec 31, 2022

Type of Equipment	Quantity
Unmanned, remotely piloted, powered aerial or ground vehicles	
<ul style="list-style-type: none"> i. PARROT ANAFI, cost: \$700. A compact, foldable, light and easily deployable sUAS. Stabilized on 5 axes (2 mechanical axes and 3 electronic axes), the Sony optical sensor built into ANAFI allows clear images to be taken, despite the vibrations associated with drone flights. The x3 zoom and the 180° tilt of the camera provide a detailed view of the observed target. 	2
<ul style="list-style-type: none"> ii. PARROT ANAFI USA, cost: \$7,000. To balance the resolutions of the thermal image and visible image, and therefore benefit from information not visible in thermal, the displayed image is a fusion of the information from the two cameras. Stabilized on three axes, the optical unit of ANAFI Thermal combines an infra-red sensor to the electro-optics, making it possible to identify temperatures between -10° and +400°. Thanks to the FLIR Lepton 3.5 module, it is possible to set the absolute temperature of each pixel. 	1
“Flashbang” grenades and explosive breaching tools, “tear gas,” and “pepper balls” (excluding standard, service-issued handheld pepper spray)	
<ul style="list-style-type: none"> i. COMBINED TACTICAL SYSTEMS, 40MM FRANGIBLE IMPACT OC POWDER 4556, cost: \$19.09. A less lethal 40mm lightweight foam projectile fired from a single 40mm launcher with a rifled barrel at 300 FPS. The 40mm direct fire, dispersed OC irritant round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 150 feet from the target. 	19
<ul style="list-style-type: none"> ii. COMBINED TACTICAL SYSTEMS, 37MM OC MUZZLE BLAST INDOOR AND OUTDOOR 3440, cost: \$20.72. A less lethal 37mm lightweight OC powder projectile fired from a single 37mm grenade launcher with a rifled barrel at 240-260 FPS. The 40mm Sponge Round provides accurate and effective performance when fired from the approved distance of not less than ten (10) feet and as far as 50 feet from the target. 	20
The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons	
<ul style="list-style-type: none"> i. PENN ARMS, 40MM SINGLE MULTI LAUNCHER, cost: \$2,630. The 40mm Single Launcher is a tactical single-shot launcher that features a 	2

	fixed stock and an Integrated Front Grip (IFG). It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40mm less lethal round up to 131 feet and is authorized to be used by officers trained in its use.	
ii.	DEFENSE TECHNOLOGY, 37MM SINGLE LAUNCHER, cost: \$2,630. The 37mm Single Launcher is a tactical single shot launcher that features a fixed stock and an Integrated Front Grip (IFG). It will fire standard 37mm less lethal ammunition, up to 8 inches in cartridge length.	1
iii.	MOSSBERG 590 LESS LETHAL SHOTGUN, cost: \$412. The Mossberg 590 Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round up to a distance of 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.	6
iv.	COMBINED TACTICAL SYSTEMS, 40MM SPONGE 4457, cost: \$21.00. A less lethal 40mm lightweight foam projectile fired from a single 40mm launcher with a rifled barrel at 240-250 FPS. The 40mm Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 100 feet from the target.	19
v.	COMBINED TACTICAL SYSTEMS, 40MM .60 STING BALL 4558, cost: \$25.84. A less lethal 40mm lightweight foam projectile fired from a single 40mm launcher with a rifled barrel at 240-260 FPS. The 40mm Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.	20
vi.	COMBINED TACTICAL SYSTEMS, 3.7MM/40MM STING BALL 8" LONG 3559, cost: \$17.46. A less lethal 37mm multi-projectile impact munition fired from a single 37mm launcher with a rifled barrel at 280-325 FPS. The 37mm sting pellet round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 50 feet from the target.	20
vii.	COMBINED TACTICAL SYSTEMS, 37MM/40MM FOAM BATON 8" LONG 3555, cost: \$21.38. A less lethal 37mm lightweight foam projectile fired from a single 37mm/40mm launcher with a rifled barrel at 240-260 FPS. The 40mm Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 50 feet from the target.	19
viii.	12-GAUGE SUPER-SOCK BEANBAG ROUND, cost: \$5. A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 feet per second (FPS). CTS Super-Sock rounds are discharged from a dedicated 12-gauge shotgun	245 Duty 346 Training

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 five (5) feet. The maximum effective range of this munition is up to 75 feet from the target. The Model 2581 Super-Sock is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize." The Super-Sock is an aerodynamic projectile. However, accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator. The Super-Sock is very accurate. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.

Additional Inventory Sought for 2023

Type of Equipment	Quantity Sought
The following projectile launch platforms and their associated munitions: 40mm projectile launchers, "bean bag," rubber bullet, and specialty impact munition (SIM) weapons	
<p>i. COMBINED TACTICAL SYSTEMS, 37MM/40MM FOAM BATON 8" LONG 3555, cost: \$21.38</p> <p>These additional munitions would allow the department to possess a sufficient quantity to properly train department staff pursuant to POST requirements.</p>	230