

ANNUAL MILITARY EQUIPMENT REPORT 2022

PRESENTED BY

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PREFACE

The Clovis Police Department is committed to maintaining public safety by providing the highest quality police services to the community we serve. We have an obligation to our community and the people of this state never to let those who would engage in violent acts of criminality dictate the path of life for our city. We know all too well that violent crime thrives when the enforcement posture, resources, and equipment available to our Department are not sufficient. The equipment items listed in this annual report are essential tools that may be required from time to time to aid in de-escalating intense situations or bringing volatile conditions and critical incidents to a safe resolution.

The mere possession of this equipment does not warrant its use in every circumstance. However, having this equipment and adequate resources available makes our Department more capable of confronting those who would visit violence upon our community and threaten "The Clovis Way of Life."

With this indispensable equipment and relentless fortitude, the brave men and women of the Clovis Police Department continue to stand at the ready to fulfill the very core of our ethos, "To Protect and Serve."



HISTORY OF AB-481

On September 30, 2021, the Governor of the State of California approved AB-481 requiring law enforcement agencies to obtain approval of the applicable governing body (Mayor and City Council), by adoption of a military equipment use policy. The Department is required to seek City Council approval of their military equipment use procedure by ordinance at a regular open meeting prior to taking certain actions relating to the funding, acquisition, or use of military equipment, as defined. The bill allows the governing body to approve the funding, acquisition, or use of military equipment within its jurisdiction only if it determines that the military equipment meets specified standards. The ordinance is subject to annual City Council review to determine whether, based on an annual military equipment report, the standards set forth in the approving ordinance have been met. The City Council may renew the authorizing ordinance, disapprove authorization for particular military equipment where standards have not been met, or require modifications to the military equipment use procedure to address any non-compliance with standards. Finally, the bill requires publication of the military equipment use procedure and the annual military equipment report on the Department's website. The military equipment use procedure must be posted on the website at least 30 days prior to the Council meeting.

AB-481, Section 7072 states the following:

(a) A law enforcement agency that receives approval for a military equipment use policy pursuant to Section 7071 shall submit to the governing body an annual military equipment report for each type of military equipment approved by the governing body within one year of approval, and annually thereafter for as long as the military equipment is available for use. The law enforcement agency 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.

The annual military equipment report shall, at a minimum, include the following 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.

(b) Within 30 days of submitting and publicly releasing an annual military equipment report pursuant to this section, the law enforcement agency shall 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.

In addition to maintaining the highest levels of public safety, the Clovis Police Department is committed to transparency, public trust, community partnerships, and compliance with the law. As such, the Department has authored the following 2023 Annual Military Equipment Report in accordance with annual reporting requirements set forth in AB-481.

INTRODUCTION

The Clovis Police Department retains and employs a wide variety of military equipment to assist in safely achieving the furtherance of its **mission statement**:



"To provide superior protection and service in a manner that builds public confidence and improves the quality of life in our community."

To those we serve, we want to be the best.

While the inventory of military equipment is varied, the mere possession of the equipment does not warrant its use for every incident.

The Clovis Police Department recognizes that critical incidents are unpredictable and can be very dynamic in nature. A variety of military equipment options can greatly assist supervisors, officers, and specific units in bringing those incidents to a swift resolution in a safe manner.

The use of military equipment is restricted for use only in certain instances and in some cases only by certain units. While the military equipment procedure is wide-ranging, it is not all-inclusive. There may be instances wherein unpredictable critical incidents demand the need for incident commanders to authorize military equipment to be used in a manner not outlined within Department procedure. In scrutinizing those particular instances, the judgment of the supervisor influenced by the totality of the circumstances, public safety, officer safety, civil rights, and information available at the time will be used.

It is incumbent upon supervisors, individual officers, and specific units to recognize the particular circumstances wherein military equipment should be employed to enhance the safety of the public and officers, and to bring a critical incident to a safe resolution.

This Annual Military Equipment Report outlines a summary of military equipment usage guidelines, inventory, fiscal impact, and complaints (of which there were none) for 2022.

DEFINITIONS

Pursuant to AB-481, the following definitions are applicable only to the Department's current military equipment inventory and potential future military equipment acquisitions for operational needs. (For a more detailed list, refer to Government Code section 7070, for "military equipment" as defined within the Assembly Bill.)

"Governing body" means the Clovis City Council and Mayor.

"Military equipment" means 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, excluding unarmored all-terrain vehicles and dirt bikes.
- Tracked armored vehicles that provide ballistic protection to their occupants and utilize a tracked system instead of wheels for forward motion.
- 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,ram designed to be operated by one person.
- Firearms and ammunition of fifty (.50) caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition.
- Specialized firearms and ammunition of less than fifty (.50) caliber, including firearms and accessories identified as assault weapons pursuant to Penal Code section 30510 and Penal Code section 30515, with exception of standard department issued firearms.
- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- Noise-flash diversionary devices and explosive breaching tools, including, but not limited to, grenades.
- Munitions containing tear gas or oleoresin capsicum (OC), excluding standard, Department-issued handheld pepper spray.
- TASER® Shockwave, microwave weapons, water cannons, and Long-Range Acoustic Devices (LRADs).
- Kinetic energy weapons and munitions, including, but not limited to, projectile launchers, bean bag rounds, and rubber bullets.
- Any other equipment as determined by a governing body or a state agency to require additional oversight.



The inventory of military equipment, particularly consumable material (ammunition, diversionary devices, Extended Range Impact Weapon –ERIW munitions, etc.) fluctuates regularly. This is based on a variety of factors including but not limited to operational usage, operational deterioration, training, maintenance, and expiration and replenishment guidelines. The Clovis Police Department is committed to transparency in disclosing its military equipment inventory and related information to our community and elected officials in compliance with the law. The Department strives its utmost to provide the most accurate military equipment inventory and information at the time of this report's publication.

The following are the various types, descriptions, and guidelines for usage of military equipment currently employed by the Clovis Police Department: (*NOTE: The manufacturer descriptions and source photos contained within are referenced via publicly accessible website source citations. The website source citations utilized in this report are for military equipment descriptive purposes only and are not an endorsement by the City of Clovis or the Clovis Police Department of a particular product or vendor.)

1. Mobile Command Vehicle (MCV): A vehicle used as a mobile dispatch center and/or office that provides heated and cooled shelter, a source of electricity and lighting, access to Department computer systems, and a place for department members to meet at the scene of a critical incident, pre-planned event, natural disaster, or community event.

Description, Purchase Cost, Quantity, and Capabilities



The MCV is custom built by the Farber Company on a 2 axel Freightliner Chassis that had an initial cost of \$542,608 in 2006. The single unit (1) has a chassis motor which propels the vehicle and a generator which powers all internal electrical components and can provide external power to additional lights or equipment as necessary. The MCV has two full dispatch terminals, space for up to 7 additional workstations, and multiple divider doors that can break up the space into five separate rooms. The MCV has three dedicated cell phone lines and 5 sets of radios that can communicate with all surrounding agencies on both UHF and VHF frequencies.

Purpose

To be used at the scene of any pre-planned event, community event, critical event, or natural disaster where a portable office, dispatch center, heated or cooled shelter, supplemental power source and/or meeting location is needed.

Authorized Use

Only staff trained in the deployment and operation of the MCV may operate it. Only members that have a California Class B driver's license with air brake endorsement may drive the vehicle.

Expected Life Span

The MCV has a 30-year lifespan on the chassis and vehicle. Upgrades on technology inside the vehicle will be on an as needed basis.

Fiscal Impact

Annual maintenance cost is approximately \$1,500.00

Training

The drivers shall receive training in the safe handling of the vehicle on a closed training course. Once the operator has shown competence in vehicle handling, the driver will drive the vehicle throughout the city with an experienced driver. The driver shall also undergo California Department of Motor Vehicle commercial vehicle testing.

Legal and Procedural Rules

Use shall be in accordance with California State law regarding the operation of motor vehicles.

2. Crisis Negotiation Team (CNT) Vehicle: A vehicle used as a mobile office that provides shelter, access to the Police Department computer systems, and facilities on extended events.

Description, Purchase Cost, Quantity, and Capabilities



2007 GENERAL MOTORS 4500 UTILIMASTER (CUSTOM BUILT) VEHICLE

Cost: \$149,654

Quantity: 1

The CNT vehicle can be utilized with SWAT/CNT

callouts and for community events.

<u>Purpose</u>

To be utilized for critical incident callouts and community events.

Authorized Use

The CNT vehicle is used by officers and staff who have been properly trained in the safe handling of the vehicle. The driver of the vehicle shall have a valid California driver license.

Expected Life Span

The CNT vehicle has a 30-year lifespan on a chassis and vehicle.

Fiscal Impact

Annual maintenance, \$600.

Training

Once completing a closed training course, the operator will drive the vehicle throughout the city with an experienced driver.

Legal and Procedural Rules

Use shall be in accordance with California State law regarding the operation of motor vehicles.

3. Unmanned Aircraft Systems (UAS): An unmanned aircraft along with the associated equipment necessary to control it remotely.

Description, Purchase Cost, Quantity, and Capabilities of Current UAS



DJI MAVIC MINI

Cost: \$500 Quantity: 12

Miniature UAS that weighs approximately 249 grams and can record video and audio with approximately 30 minutes of flight time.



DJI MAVIC MINI 2

Cost: \$600 Quantity: 8

Miniature UAS that weighs approximately 249 grams and can record video and audio with approximately 30 minutes of flight time.



DJI MAVIC 2 ENTERPRISE ADVANCED

Cost: \$7,500 Quantity: 2

UAS that has a color and thermal camera as well as audible speaker and light. Capable of video recording and weighs 909 grams without a payload, approx. 30 minutes of flight time.



DJI MAVIC 2 ENTERPRISE DUAL

Cost: \$3,500 Quantity: 1

UAS that has a color and thermal camera as well as audible speaker and light. Capable of video recording and weighs 899 grams without a payload, approx. 30 minutes of flight time.



DJI MAVIC PRO

Cost: \$1,500 Quantity: 1

UAS that weighs approx. 1.5 pounds, 25-minute flight time and a single-color camera with recording capabilities.



DJI PHANTOM 4

Cost: \$1,600 Quantity: 1

UAS that weighs approx. 1,380 grams, 28-minute fight time and a single-color camera with recording capabilities.



DJI MATRICE 300 with HT20 camera

Cost: \$25,000 Quantity: 1

UAS that has 45 minutes of flight time, in all weather, has an IR camera, zoom camera and light. Has video recording capabilities.



DJI MATRICE 210 with Z30 camera

Cost: \$10,500 Quantity: 1

UAS that has 30 minutes of flight time without a payload, in all weather, has a zoom camera and light. Has video recording capabilities.



SKY HERO LOKI 2

Cost: \$10,500 for a package of 2 Quantity: 1

Ruggedized interior tactical UAS that has 16 minutes of flight time. It has a forward facing analog fixed day-night + IR camera allowing it to fly in total darkness. Unable to record video currently.

Unmanned Aircraft Systems (UAS), Continued

Description, Purchase Cost, Quantity, and Capabilities



SKYDIO 2

Cost: \$1,100 Quantity: 1

UAS that weighs approx. 775 grams, 27 minutes of flight time. It has a zoom camera and 360-degree accident avoidance. Unable to fly in darkness.



DJI Air 2s

Cost: \$1,200 Quantity: 1

UAS that weighs approx. 595 grams, 31 minutes of flight time. Has the ability to perceive its environment in four directions and features advanced image transmission technology.



DJI M30T

Cost: \$16,500 Quantity: 1

UAS that weighs approx. 3.77 kilograms, 36-41 minutes of flight time. Wide-angle camera, 8k photo, 4K/30 fps video resolution, laser rangefinder up to 1,200 meters, and a thermal sensor.

<u>Purpose</u>

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to major collision investigations, searching for missing persons, natural disaster management, crime scene photography, SWAT, tactical or other public safety and life preservation missions, in response to specific requests from local, state, or federal fire authorities for fire response and/or prevention.

Authorized Use

Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.

Expected Life Span

All UAS equipment, 3-5 years

Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$10,000.

Training

All Department UAS operators are required to obtain a PART 107 license. In addition, each operator must attend a basic department training course and participate in ongoing quarterly training.

Legal and Procedural Rules

Use is established under FAA Regulations 14 CFR Part 107, COA, FAA waivers, and the City of Clovis UAS policy. It is the policy of Clovis Police Department to utilize UAS only for official law enforcement purposes and in a manner that respects the privacy of our community, pursuant to State and Federal law.

4. 40mm Launchers and Rounds: 40mm Launchers are utilized by department personnel as a less lethal tool to launch impact rounds.

<u>Description, Purchase Cost, Quantity, and Capabilities</u>

DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425 Cost: \$1,000 Quantity: 2

The 40mm Single Shot Launcher is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip (IFG) with light rail. 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 only authorized to be used by SWAT personnel.

DEFENSE TECHNOLOGY, 40MM TACTICAL 4-SHOT LAUNCHER, #1440 Cost: \$1,975 Quantity: 2

The 40mm Tactical 4-Shot Launcher is low-profile and lightweight, providing multishot capability in an easy to carry launcher. It features the Rogers Super Stoc expandable gun stock, an adjustable Picatinny mounted front grip, and a unique direct-drive system to advance the magazine cylinder. It will launch a 40mm less lethal round up to 131 feet and is only authorized to be used by SWAT personnel.

DEFENSE TECHNOLOGY, FERRET 40MM LIQUID BARRICADE PENETRATOR ROUND, #2262 Cost: \$23 Quantity: 26

A less lethal 40mm 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. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.

DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325

Cost: \$18 Quantity: 73

A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm grenade launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact. The 40mm Exact Impact 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.

DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182 Cost: \$30 Quantity: 26

The Spede-Heat CS Long-Range Munitions delivers one chemical canister of CS agent from a 40mm launcher down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat family may be used to conceal tactical movement or to route a crowd.

DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE ROUND, SAF SMOKE, #6183 Cost: \$27 Quantity: 14

The Spede-Heat Saf-Smoke Long Range Munitions is designed to deliver one chemical canister of Saf-Smoke payload down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat 40mm is designed for outdoor use and has a maximum effective range of 150 yards.













40mm Launchers and Rounds, Continued

Purpose

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

Authorized Use

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.
- By officers who have been trained in their proper use.

Expected Life Span

- Defense Technology #1425: 25 years
- Defense Technology #1440: 15 years
- Model 2262 Defense Technology, Ferret 40mm: 5 years
- Model 6325 Defense Technology, 40mm Exact Impact Sponge: 5 years
- Model 6182 Defense Technology Spede-Heat 40mm long-range, CS: 5 years
- Model 6183 Spede-Heat 40mm Long-range Round, Saf Smoke: 5 years

Fiscal Impact

Annual maintenance is approximately \$50 for each launcher.

Training

Sworn members utilizing 40mm less lethal chemical agents or impact rounds are trained in their use by POST certified and/or Defense Technology less lethal and chemical agent instructors.

Legal and Procedural Rules

The 40mm launchers are to be used only for official law enforcement purposes and pursuant to State and Federal law, including those regarding the use of force.

5. Distraction Devices: A device used to distract dangerous persons.

Description, Purchase Cost, Quantity, and Capabilities



DEFENSE TECHNOLOGY, LOW ROLL II

Cost: \$52 Quantity: 39

A non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

Purpose

A distraction device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry, or other high-risk arrest situations. To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.

Authorized Use

Diversionary Devices shall only be used:

- In hostage and barricaded subject situations.
- In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
- During other high-risk situations where their use would enhance officer safety.
- During training exercises or approved demonstrations.
- By officers who have been trained in their proper use.

Expected Life Span

Until used.

Fiscal Impact

No annual maintenance.

Training

Prior to use, officers must attend divisionary device training that is conducted by POST certified instructors and/or Defense Technology.

Legal and Procedural Rules

Diversion devices are to be used only for official law enforcement purposes and pursuant to State and Federal law, including those regarding the use of force.

6. Chemical Agent and Smoke Canisters: Canisters that contain chemical agents that are released when deployed.

Description, Purchase Cost, Quantity, and Capabilities



DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026 Cost: \$47 Quantity: 18

The Triple-Chaser CS consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This canister can be hand thrown or launched from a fired delivery system. The canister is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.



DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082 Cost: \$27 Quantity: 9

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 top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The 9 volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.



DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS GRENADE, #2042 Cost: \$48 Quantity: 8

The CS Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It is safe to use inside of a residence. Unlike pyrotechnical grenades, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1,500 square feet. This grenade is 7.5 in. by 1.65 in. and delivers approximately .16 oz. of active agent during its 3-second discharge time.



DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE MILITARY-STYLE CANISTER #1083 Cost: \$38 Quantity: 18

The Military-Style Maximum Smoke Grenade comes from the Defense Technology #3 smoke grenade. It is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.



DEFENSE TECHNOLOGY, POCKET TACTICAL BLUE SMOKE GRENADE, #1017B Cost: \$39 Quantity: 3

The Pocket Tactical Blue Smoke Grenade is a small, lightweight device. Though it is slightly over four inches in length, it produces a blue smoke cloud so fast it appears to be an enveloping screen produced by a full size tactical colored smoke grenade. It will burn approximately 20-40 seconds.



DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE CS GRENADE, #1080 Cost: \$41 Quantity: 8

The Riot Control OC 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 top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 0.88 oz. of active agent.

Chemical Agent and Smoke Canisters, Continued <u>Description, Purchase Cost, Quantity, and Capabilities</u>



DEFENSE TECHNOLOGY, OC VAPOR AEROSOL GRENADE, #1056

Cost: \$49 Quantity: 12

The Defense Technology OC Vapor Aerosol Grenade is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The grenade is designed for indoor use in confined areas and once deployed, inflames the mucous membranes and exposed skin resulting in an intense burning sensation. The incapacitating effect of the OC Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Grenade is ideal for cell extractions or barricade situations 10 where the use of pyrotechnic, powder or liquid devices is not practical or desired.



DEFENSE 1.3% MK-46V STREAM OC AEROSOL #43046

Cost: \$495 Quantity: 1

The MK-46 features a trigger handle, is intended for use in crowd management and will deliver 26 short bursts of OC at an effective range of 25-30 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.



DEFENSE TECHNOLOGY, SPEDE-HEAT CS, #1072

Cost: \$40 Quantity: 72

The Spede-Heat CS Grenade is a high volume, continuous burn it expels its payload in approximately 20-40 seconds. The payload is discharged through four gas ports on top of the canister, three on the side and one on the bottom. This launchable grenade is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent. It is delivered in a burn safe for safety.



DEFENSE TECHNOLOGY, SPEDE-HEAT POCKET TACTICAL CS, # 1072

Cost: \$30 Quantity: 62

The Pocket Tactical CS Grenade is a quick burning, reduced volume, continuous discharge grenade. Pelletized chemical agent is discharged through one (1) gas port located on the bottom of the canister. The Pocket Tactical Grenade is a small, lightweight, easily carried device that provides a medium volume of chemical agent. The 0.9 oz. of active agent will burn approximately 20-40 seconds. It is delivered in a tomahawk burn safe for safety.



DEFENSE TECHNOLOGY, RUBBER BALL STINGERS CS

Cost: \$30 Quantity: 13

The Stinger Grenade is most widely used as a crowd management tool by Law Enforcement and Corrections. The Stinger Grenade has an initial 1.5 second delay that initiates fuze assembly separation, followed by another.5 second delay before the blast which is sufficient to project the rubber balls and chemical agent in a 50-foot radius.



DEFENSE TECHNOLOGY, STINGERS OC

Cost: \$30 Quantity: 8

The Stinger OC Grenade is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and OC. The Stinger Grenade is most widely used as a crowd management tool by Law Enforcement and Corrections. The Stinger Grenade has an initial 1.5 second delay that initiates fuze assembly separation, followed by another .5 second delay before the blast which is sufficient to project the rubber balls and chemical agent in a 50-foot radius.

Chemical Agent and Smoke Canisters, Continued

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.

Authorized Use

Only officers who have been trained in the proper use of chemical agents are authorized to use chemical agents.

Expected Life Span

5 years from manufacturing date.

Fiscal Impact

No annual maintenance.

Training

Sworn members utilizing chemical agent canisters are certified by POST and/or Defense Technology less lethal and chemical agent instructors.

Legal and Procedural Rules

Chemical agents will only be used for official law enforcement purposes and pursuant to State and Federal law.

7. Armored Vehicles: Wheeled armored personnel vehicles utilized for law enforcement purposes.

Description, Purchase Cost, Quantity, and Capabilities



MRAP

Cost: \$0 Quantity: 1

The MRAP is a United States Army specialized armored vehicle manufactured of common commercial and military parts. It seats 10-12 personnel with an open floor plan that allows for rescue of down personnel. It stops various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.



LENCO BEARCAT, G3

Cost: \$431,133.42 Quantity: 1

The Lenco Bearcat, G3, is an armored vehicle that seats 10-12 personnel with an open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of a shield and personal body armor.

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.

Authorized Use

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

Expected Life Span

Estimated 15-25 years.

Fiscal Impact

Annual maintenance of approximately \$5,000.

Training

All drivers/operators shall attend formalized instruction and be trained in vehicle operations and practical driving. MRAP drivers are required to possess a valid Class B California driver license. The Bearcat may be driven by any Clovis Police Officer trained in the operation of the Bearcat.

Legal and Procedural Rules

The department will only use the MRAP and Bearcat for official law enforcement purposes and pursuant to State and Federal law.

8. Explosive Breaching Tools: Tools that are used to conduct an explosive breach. Description, Purchase Cost, Quantity, and Capabilities



DETONATING CORD

Cost: \$1 per foot Quantity: 90 feet

The detonating 13 cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a highspeed fuse which explodes, rather than burns, and is suitable for detonating high explosives. Detonating cord is the primary explosive used to defeat doors, walls, windows, and other barricades for SWAT Operators to safely make entry into a specific location, or create distraction, with no risk to the person inside of the room being breached.



BLASTING CAP

Cost: \$12 Quantity: 9

A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful, and less sensitive secondary explosive such as TNT, dynamite, or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps.



NONEL

Cost: \$429.00 per case Quantity: 10

Nonel is a zero-delay shock tube that contains a reactive explosive compound that provides a safe distance from the explosive initiator to the explosive charge that is placed on the target that is going to be breached.



Cost: \$500 Quantity: 2

This weapon allows for breachers to safely utilize shotgun breaching rounds to destroy deadbolts, locks, and hinges. The stand-off that is attached to the end of the barrel allows for positive placement of the gun into the correct position and vents gases to prevent overpressure. This weapon can also defeat windows and sliding glass doors with a flash bang round. 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).



ROYAL ARMS TESAR-2 BLACK CAP 425 GRAIN COPPER FRANGIBLE BREACHING ROUND Cost: \$5 per round Quantity: 50

The round is fired from a breaching shotgun and is used to destroy:

- deadbolts
- locks
- hinges

ROYAL ARMS TESAR-4 YELLOW CAP 750 GRAIN COPPER FRANGIBLE BREACHING ROUND Cost: \$5 per round Quantity: 45

The round is fired from a breaching shotgun and is used to destroy:

- deadbolts
- locks
- hinges





Explosive Breaching Tools, Continued

Description, Purchase Cost, Quantity, and Capabilities



ROYAL ARMS HP CUTTER 12 GA HOLLOW POINT REBAR CUTTER ROUND

Cost: \$6 per round Quantity: 20

The round is fired from a breaching shotgun and is used to cut rebar and penetrate:

- Security Glass
- Car Doors
- Engine Blocks



ROYAL ARMS FTR-P1 12 GAUGE FRANGIBLE POLYSHOT TRAINING ROUNDS

Cost: \$2.50 per round Quantity: 48

The round is fired from a breaching shotgun and used as a training tool to show how to effectively use and deploy a breaching shotgun.

Purpose

To safely force entry into a structure.

Authorized Use

Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field and during training exercises.

Expected Life Span

Detonating Cord: 10 years - Blasting Caps: 10 years - Nonel: 3 years Breaching Shotgun: 25 years - Royal Arms Tesar-2 Black Cap: 5 years Royal Arms Tesar-4 Yellow Cap: 5 years - Royal Arms HP Cutter: 5 years

Royal Arms FTR-P1 12: 5 years

Fiscal Impact

Annual maintenance is approximately \$500.

Training

All officers who use explosive breaching tools shall attend 40 hours of explosive breaching instruction and must additionally receive quarterly training for explosive operations.

Legal and Procedural Rules

Breaching tools will only be used for official law enforcement purposes and pursuant to State and Federal law.

9. Less Lethal Shotgun: Less Lethal Shotguns are used to deploy the less lethal 12-gauge Defense Technology Beanbag Round.

Description, Purchase Cost, Quantity, and Capabilities



REMINGTON 870 LESS LETHAL SHOTGUN

Cost: \$946 Quantity: 19

The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Defense Technology 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.



DEFENSE TECHNOLOGY DRAG STABILIZED 12 GAUGE BEAN BAG ROUND

Cost: \$5 Quantity: 500

A less lethal 2.4 -inch translucent 12-gauge shotgun round in a tear-shaped bag filled with 40 grams of lead shot at a velocity of 270 feet per second (FPS). Bean bag rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and foregrip. This design utilizes four stabilizing tails and utilizes smokeless powder as a propellant. 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 Bean Bag round is very accurate. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.

Purpose

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

Authorized Use

Only Officers who have been instructed on and demonstrated proficient use of this force option are allowed to deploy and utilize it. 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.

Expected Life Span

Remington 870 Less Lethal Shotgun: 25 years

Defense Technology Bean Bag Rounds: No expiration

Fiscal Impact

Annual maintenance is approximately \$5.00 per shotgun.

Training

All officers are trained in the use of the 12 gauge less lethal shotgun as a less lethal option through in-service training.

Legal and Procedural Rules

Less lethal shotguns are to be used only for official law enforcement purposes and pursuant to State and Federal law.

10. PepperBall PPC Less Lethal Launchers: PepperBall Launchers are used to deploy PepperBall projectiles.

Description, Purchase Cost, Quantity, and Capabilities



PEPPERBALL PPC LAUNCHERS

Cost: \$4,597 Quantity: 5

PepperBall PPC is a lightweight and portable non-lethal projectile launcher. The PPC is designed to give patrol officers an easy to operate non-lethal option. The PPC uses PepperBall .68 caliber round or VXR projectile and is powered by either HPA or an 88-gram single-use CO2 cartridge.



PEPPERBALL INERT PROJECTILES

Cost: \$323 for 375 Quantity: 800

Containing a harmless, scented powder, this projectile is best suited for training, qualifications, and direct impact when chemical exposure is not desired.



PEPPERBALL LIVE MAX PROJECTILES

Cost: \$2,497 Quantity: 800

Live-Maxx is the most powerful and potent projectile developed by PepperBall. It is formulated with Maxsaicin, a new proprietary process that produces powder with more airborne PAVA. PepperBall Live-Maxx has 50% more bioavailability than the standard PAVA powders.

Purpose

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

Authorized Use

Only officers who have been instructed on and demonstrated proficient use of this force option are allowed to deploy and utilize the launchers.

Situations for the 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.

Expected Life Span

PepperBall PPC Launchers: No manufacturer life span indicated by the manufacturer PepperBall Projectiles: 2 years

Fiscal Impact

Annual maintenance is approximately \$10 per launcher.

Training

All officers are trained in the use of the PepperBall PPC launcher as a less lethal option through in-service training by POST certified less lethal and chemical agent instructors.

Legal and Procedural Rules

PepperBall PPC launchers are only to be used for official law enforcement purposes and pursuant to State and Federal law.

11. Sniper Rifle: Provides SWAT Snipers the ability to engage hostile suspects at great distance with precision rifle fire.

Description, Purchase Cost, Quantity, and Capabilities



ACCURACY INTERNATIONAL AT, 308 CALIBER

Cost: \$6,000 Quantity: 4

The Accuracy International AT is a short action precision rifle with a Thunder Beast Suppressor and a Night Force NXS Scope with a 3.5-15x50mm second focal plane.





<u>Purpose</u>

The .308 bolt action Sniper Rifle provides SWAT Snipers the ability to engage hostile suspects at great distance with precision rifle fire. These rifles are typically deployed with the SWAT Sniper Team during high-risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

Authorized Use

To be used exclusively by officers assigned to the SWAT Sniper Team. Only Officers who have been instructed and demonstrated proficient use of the rifle are allowed to deploy and utilize it.

Situations for use of the sniper rifle may include, but are not limited to:

- High-Risk SWAT Operations
- Sniper Over Watch

Expected Life Span

Accuracy International AT .308 caliber: 1 year limited warranty Barrel life rated for approximately 5,000 rounds.

Fiscal Impact

Annual maintenance is approximately \$100 per rifle.

Training

All SWAT Snipers are trained through in-service and outside rigorous trainings. SWAT Snipers must complete a 40-hour POST basic sniper school and regularly train with the rifle platform.

Legal and Procedural Rules

Sniper rifles are only to be used for official law enforcement purposes and pursuant to State and Federal Law.

12. Specialty Impact Munitions (SIM): UTM pistol conversion kits used to fire non-lethal training rounds for in-service department training.

Description, Purchase Cost, Quantity, and Capabilities



UTM SIMMUNITION PISTOL CONVERSION KITS

Cost: \$648 Quantity: 15

UTM Simunition Pistol Conversion kits are used to fire a non-lethal training round. These munitions provide for realistic close-quarters firearms training while allowing the shooter to visually assess shot placement and accuracy in force-on-force training scenarios.



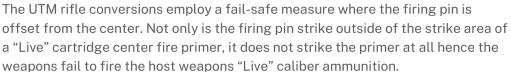
UTM 9MM MAN MARKER ROUNDS TRAINING ROUNDS

Cost: \$600 per 1.000 Quantity: 5.000

The UTM 9mm Man Marker Round is an accurate and reliable marking projectile for force-on-force target training.



Cost: \$822 Quantity: 13





UTM AR 15 300 BO MAN MARKER ROUNDS

Cost: \$783 per 900 Quantity: 3,600

The UTM 300 BLK is an accurate and reliable marking projectile for force-onforce target training.



UTM GLOCK 45 BLANK BARREL

Cost: \$238 Quantity: 5

The Glock blank barrel is designed to fire blank rounds, no projectiles.



UTM GLOCK 45 BLANK ROUNDS

Cost: \$460 Quantity: 1,000

Glock blank rounds used for training purposes.



UTM GLOCK 17 T CONVERSIONS KITS

Cost: \$268 Quantity: 4

The Glock 17T conversion kit allows the 17T to fire UTM training rounds.

Specialty Impact Munitions (SIM), Continued

Purpose

To provide realistic close-quarters firearms training while allowing the shooter to visually assesses shot placement and accuracy in force-on-force training scenarios.

Authorized Use

Only Officers who have been instructed on and demonstrated proficient use of the systems are allowed to use the training tools.

Situations for use of the Simmunitions equipment may include:

- Police Trainings
- Approved Demonstrations

Expected Life Span

Conversion Kits: 15-20 years (avg.)

Rounds: 6 years

Fiscal Impact

Annual maintenance is approximately \$5 per kit.

Training

All officers are trained in the use of the Simmunitions conversion kits.

Legal and Procedural Rules

Simmunitions conversion kits are to be used only for official law enforcement purposes and pursuant to State and Federal law.

13. Robot: A remotely controlled, unmanned machine that operates on the ground, which is utilized to enhance the safety of the community and officers.

Description, Purchase Cost, Quantity, and Capabilities



ICOR Caliber T5

Cost: \$120,000 Quantity: 1

It is a compact, two-man portable system that shares the same core design of a large robot. Able to climb stairs and provide disruption capabilities. The T5 is best suited to assist EOD and SWAT teams in inspecting and retrieving of suspicious devices from narrow passages of buses, trains, and places. It's turreted claw/disruptor arm integrates the remote handling capabilities of a disruptor. Able to lift to 45 pounds with arm retracted and 18 pounds with arm extended. Capable of dragging 200+ pounds.

Purpose

To be used to remotely obtain visual and audio intelligence, remotely bring any medium weight items to a safe location, disrupt suspicious packages, X-ray, 17 search buildings/indoor or outdoor areas, provide phones or other items to people during Crisis Negotiations.

Authorized Use

Only approved operators who have completed the required training are authorized to use this equipment. These personnel are restricted to EOD team members only and the use is authorized by the Bomb Squad Commander and requested by the Incident Commander incidents.

Expected Life Span

8-10 Years

Fiscal Impact

Maintenance and battery replacement at about \$1,200 annually.

Training

Only EOD team members who have attended HDS six-week certification course or who have completed other necessary training as approved by the Bomb Commander.

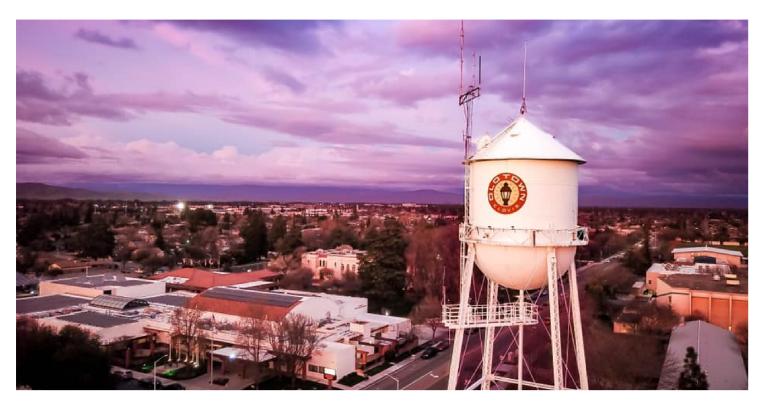
Legal and Procedural Rules

The robot is to be used only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

MILITARY EQUIPMENT USE SUMMARY

While the Clovis Department's inventory of military equipment is varied, the mere possession of the equipment does not warrant its use for every incident. The Clovis Police Department recognizes that critical incidents are unpredictable and can be very dynamic in nature. A variety of military equipment options can greatly assist incident commanders, officers, and specific units in bringing those incidents to a swift resolution in a safe manner. The use of military equipment is restricted for use only in certain instances and in some cases only by certain units.

This section outlines the military equipment usage for 2022. Certain items of military equipment, particularly consumables (ammunition, diversionary devices, pepper balls, chemical agents, etc.) are used throughout the year on a regular basis for training in order to maintain proficiency. Training usage is not captured in this section. This section only provides data for the operational use of military equipment listed within this Annual Equipment Report.



MILITARY EQUIPMENT USE SUMMARY

Below is a table that shows the total number of incidents a specified equipment was deployed in 2022. It should be noted that different types of equipment may be deployed in one incident and the same equipment may be deployed by multiple officers within a single incident.

EQUIPMENT	NUMBER OF INCIDENTS
Mobile Command Vehicle	6
Crisis Negotiations Team Vehicle	0
Unmanned Aircraft System	540
40 MM Launcher (Single Shot)	0
40 MM Launcher (4-shot launcher)	0
Def-Tec 40 MM Exact Impact Sponge Rounds	0
Def-Tec 40 MM Spede-Heat Rounds	0
Def- Tec 40 MM Spede-Heat Smoke Rounds	0
Def-Tec 7290 Sight Sounds Distraction Device	1
Def-Tec Triple Chaser Canister	0
Def-Tec Riot Control CS Canister	0
Def-Tec Flamessless Expulsion CS Canister	0
Def-Tec Maximum HC Smoke Canister	0
Def-Tec Pocket Tactical Blue Smoke Canister	0
Def-Tec Riot Control Continuous CS Canister	0
Def-Tec OC Vapor Aerosol Canister	0
Def-Tec MK-46 OC Stream Aerosol	0
Def-Tec Spede - Heat CS	0
Def-Tec Spede - Heat Pocket Tactical CS	0
Def-Tec Stinger Rubber Ball Stingers CS	0
Def-Tec Stingers OC	0
MRAP	3
BearCat	0
Detonating Cord	0
Blasting Cap	0
Nonel	0
Remington 870 Breaching Shotgun	0
Royal Arms Tesar Black Cap	0
Royal Arms Tesar Yellow Cap	0
Royal Arms HP CUTTER	0
Royal Arms FTR-P1	0
Remington 870 Less Lethal Shotgun	0
Def-Tec Drag Stabilized Bean Bag Round	0
EOD Robot	20

COMPLAINTS AND AUDITS SUMMARY REGARDING MILITARY EQUIPMENT USAGE

There have been no internal audits, (others than those to conducted to gather and confirm data for this report), identified violations of equipment use or any complaints concerning the above listed equipment.

PROJECTED MILITARY EQUIPMENT ACQUISITIONS FY 2023

Projected consumable military equipment acquisitions for FY23 (July 2022- June 2023) should be in line with current replenishment schedules and quantities for consumables. A variety of commercial factors (i.e. supply and demand, inflation, supply chain issues etc.) may influence the fiscal impact of future military equipment acquisitions and ongoing military equipment purchases throughout the year. The replenishment schedules for military equipment consumables can vary and is dictated by inventory levels that fluctuate as a result of training, operational usage, or manufacturer recommended replacement guidelines. Categories of consumable military equipment are listed below:

- Ammunition all calibers
- Explosive Breaching Equipment
- Chemical Agents
- Specialty Munitions (40mm, 37mm, and bean bag ammo)
- Diversionary Devices
- Pepper ball Munitions
- Specialty Impact Munitions (SIM's)

Funding for the majority consumable military equipment for FY23 should be secured via the General Fund.

PROJECTED MILITARY EQUIPMENT ACQUISITIONS FY 2023, CONT.

Future Unmanned Aircraft Systems (UAS): There are three (3) new projected acquisitions for non-consumable military equipment at this time. These projected acquisitions consist of three Unmanned Aircraft Systems (UAS).

The projected acquisitions are as follows:



DJI AVATA

Manufacturer: DJI

Total Projected Cost: Approximately \$3,500

Funding Source: General Funding

The DJI Avata works extremely well during interior building searches. During the testing process we found the UAV to be extremely stable inside of buildings even without GPS connection. It's size and signal strength allows pilots to search most interior structures without having to make entry and expose themselves to potential danger.



BRINC LEMUR 2

Manufacturer: Brinc

Total Projected Cost: Approximately \$15,000-20,000

Funding Source: General Funding

The Brinc LEMUR 2 is a tactical UAV that utilizes night vision, thermal, 2-way communication, obstacle avoidance, and can map the interior of structures in real-time. These features give officers the best situational awareness and opportunity to de-escalate a situation.



DJI M30T AND DOCKING STATION

Manufacturer: DJI

Total Projected Cost: Approximately \$40,000

Funding Source: General Funding

The DJI M30T and docking station would be utilized for our DFR program. It would allow us to place the docking station anywhere throughout the city and fly the UAV remotely from Dispatch. The station itself recharges the M30T when it lands and is temperature controlled.

The remainder of **non-consumable military acquisitions** will consist of on-going maintenance costs for existing equipment. Funding for the majority of non-consumable military equipment should be secured via the General Fund.

CONCLUSION

This Annual Military Equipment Report reaffirms the Clovis Police Department's commitment to providing transparency and information to our communities and elected officials in addition to ensuring compliance with the law. The equipment, resources, and training outlined in this report allow Clovis Police Officers to better protect our communities, enhance the safety of the public and officers, and bring critical incidents to a safe resolution. It is not a matter of if a critical incident will happen within our city, but a matter of when. The content listed within this report gives our officers the training, confidence, and capability to meet that moment head on when called upon to do so.

Public safety is and always has remained a shared responsibility. The strength of our Department lies not solely within the actions of the individual officer but within the resilience and willingness of our communities to work in partnership with our officers to address crime in their neighborhoods. This shared partnership and continued support has helped our officers maintain the City of Clovis as the safest city in the Valley.

CLOVIS POLICE DEPARTMENT ANNUAL MILITARY EQUIPMENT REPORT 2022

PRESENTED BY

Lt. Craig Aranas