

GLENDALE POLICE DEPARTMENT

20  
23

Specialized  
Equipment  
Use Report





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## INTRODUCTION

The Glendale Police Department is committed to maintaining public safety by providing the highest quality of police services to the City of Glendale. The Department retains and employs a wide variety of specialized equipment to aid in de-escalating intense situations or to bring volatile conditions and critical incidents to a safe resolution. The mere possession of this equipment does not guarantee its use in every circumstance.

The Glendale Police Department recognizes that critical incidents are unpredictable and can be very dynamic in nature. A variety of specialized equipment options can greatly help incident commanders, officers, and specific units in bringing those incidents to a swift resolution in a safe manner. The use of specialized equipment is limited to specific instances and, in some cases, certain units. While the procedures for specialized equipment are comprehensive, they do not cover every possible scenario. There may be situations where incident commanders need to authorize the use of specialized equipment in a manner not explicitly outlined in Departmental procedures. In such cases, the judgment of the incident commander, based on the totality of the circumstances, public safety, officer safety, civil rights, and available information at the time, will be used. It is the responsibility of incident commanders, supervisors, individual officers, and specific units to recognize when the use of specialized equipment is necessary to enhance public and officer safety and to bring critical incidents to a safe resolution.

The Glendale Police Department does not have any equipment obtained from the military, nor does it use equipment designed for military purposes. The Department also does not receive or use surplus military equipment from the Federal government. The Department's policy is to acquire and use equipment that is specifically designed to enhance municipal law enforcement's capability to ensure public safety and welfare. Items classified as "military equipment" by Government Code §7070 are considered a part of the overall best practices for law enforcement agencies across the country. This equipment has been field-tested and are used by law enforcement agencies to improve community and officer safety. The term "military equipment" in Government Code §7070 does not necessarily refer to equipment that has been used by the military. Pursuant to AB 481, items classified as "military equipment" include, but are not limited to, unmanned aerial or ground vehicles, armored vehicles, command and control vehicles, pepper-ball launchers, less-lethal shotguns, less-lethal 40mm projectile launchers, long-range acoustic devices, and distraction devices. The Glendale Police Department's policy is to acquire and use equipment designed to enhance law enforcement's ability to ensure public safety and welfare. It is also the Department's policy that its members comply with the provisions of Government Code §7071 regarding the use of "military equipment."

The Glendale Police Department's Specialized Equipment Use Policy establishes guidelines for the acquisition, funding, use, and reporting of "military equipment", as the term is defined in Government Code §7070(c). The equipment identified as "military equipment" in Government Code §7070(c) is referred to as "Specialized Equipment" in this policy and for all reporting purposes.

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

With this indispensable equipment and relentless fortitude, the Glendale Police Department continues to stand ready to fulfill our mission: to protect Glendale, preserve trust, and maximize our potential.

## **DEFINITIONS**

It is the policy of the Glendale Police Department that members of this Department comply with the provisions of Government Code §7070-7072 in the funding, acquisition, or use of Specialized Equipment as defined in this policy.

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

“Governing body” means the elected or appointed body that oversees the Glendale Police Department, namely Glendale City Council.

“Specialized equipment” means the following:

1. Unmanned, remotely piloted, powered aerial or ground vehicles.
2. Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.
3. 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.
4. Tracked armored vehicles that provide ballistic protection to their occupants.
5. Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.
6. Weaponized aircraft, vessels, or vehicles of any kind.
7. Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram.
8. Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition.
9. Specialized firearms and ammunition of less than .50 caliber, including firearms and accessories identified as assault weapons in Penal Code §30510 and Penal Code §30515, with the exception of standard-issue firearms and ammunition of less than .50 caliber that are issued to officers.
10. Any firearm or firearm accessory that is designed to launch explosive projectiles.
11. Noise-flash diversionary devices and explosive breaching tools.
12. Munitions containing tear gas or oleoresin capsicum (OC), excluding standard, service-issued handheld pepper spray.
13. TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs).
14. Kinetic energy weapons and munitions.
15. Any other equipment as determined by a governing body or a state agency to require additional oversight.
16. Notwithstanding paragraphs (1) through (15), “Specialized Equipment” does not include general equipment not designated as prohibited or controlled by the federal Defense Logistics Agency.

All Specialized Equipment kept and maintained by the Glendale Police Department shall be cataloged in a way which addresses each of the following requirements:

1. The manufacturer’s description of the equipment.
2. The capabilities of the equipment.
3. The purposes and authorized uses for which the Department proposes to use the equipment.
4. The expected lifespan of the equipment.
5. The fiscal impact of the equipment, both initially and for on-going maintenance.
6. The quantity of the equipment, whether maintained or sought.
7. The legal and procedural rules that govern each authorized use.
8. The training that must be completed by officers before use is authorized.

## SUMMARY OF SPECIALIZED EQUIPMENT

The inventory of specialized equipment fluctuates regularly due to various factors, including operational usage, wear and tear, training, maintenance, and expiration and replenishment guidelines. The Glendale Police Department is committed to transparency in disclosing its specialized equipment inventory and related information to the community and elected officials in compliance with the law. The Department strives to provide the most accurate information regarding specialized equipment inventory at the time of this report's publication.

Outlined herein are the different types, descriptions, and guidelines for the use of specialized equipment currently utilized by the Glendale Police Department:

*(Please note that the manufacturer descriptions and source photos included are referenced from publicly accessible websites for descriptive purposes only. They do not constitute an endorsement of any particular product or vendor by the City of Glendale or the Glendale Police Department.)*

## UNMANNED AIRCRAFT SYSTEMS

**Unmanned Aircraft System:** Unmanned aircrafts systems of any type that are capable of sustaining directed flight, whether preprogrammed 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.

**Capability:** Unmanned Aircraft System's support officers in any hazardous incident which would benefit from an aerial perspective. This equipment can be used to obtain information in a tactical deployment of an individual(s) location, and the existence and placement of any weapons/hazards before introducing officers. This equipment can be deployed to perform several tasks in a tactical/hazardous situation without subjecting officers or individuals to danger.

**Purpose and Authorized Use:** Unmanned Aircraft Systems may be used to provide aerial imaging to officers to further a legitimate law enforcement operation. All operations must be in compliance with Glendale Police Department Policy and FAA regulations. Unmanned Aircraft Systems can be used in the following approved scenarios: crime scene documentation, traffic collision scene documentation, disaster response, searches for missing persons, searches for evidence, searches for suspects who are believed to be within a defined incident perimeter, in support of search warrant operations, in support of tactical operations, mapping of critical infrastructure for Homeland Security purposes, project planning and threat assessment imaging of infrastructure and facilities, security operations at large public gatherings where images are not recorded except for criminal behavior, and critical incident management.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

### Training:

**SKY-HERO, LOKI MKII:** Glendale Police Department Instructors received one day of instructor training from a manufacturer representative on the operation of this equipment, followed by monthly training for Glendale Police Department SWAT Team officers in the laws and policies surrounding the deployment of this equipment.

**DJI, MAVIC 2 ENTERPRISE:** Completion of Federal Aviation Administration (FAA) 107 Training and Certification Course by applicable Glendale Police Department officers, followed by monthly training for applicable Glendale Police Department officers in the laws and policies surrounding the deploying of this equipment.

**DJI, MAVIC 3:** Completion of Federal Aviation Administration (FAA) 107 Training and Certification Course by applicable Glendale Police Department officers, followed by monthly training for applicable Glendale Police Department officers in the laws and policies surrounding the deploying of this equipment.

**DJI, AVATA:** Glendale Police Department Instructors will receive one day of instructor training from a manufacturer representative on the operation of this equipment, followed by monthly training for applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

**FOTOKITE SIGMA:** Glendale Police Department Instructors will receive one day of instructor training from a manufacturer representative on the operation of this equipment, followed by monthly training for applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Unmanned Aircraft Systems:*

## UNMANNED AIRCRAFT SYSTEMS

### SKY-HERO, LOKI MKII



**Description from Manufacturer:** The Sky-Hero Loki MKII is the most incredible indoor small tactical Unmanned Aerial Vehicle (UAV) system in the world, fully purpose built for close quarter, under roof, tactical scouting missions. Operating in congested and dark environment, its purpose is to place a microphone and a camera practically anywhere to collect critical life-saving intelligence of immediate threats ahead of a team. It enables reliable and rapid situational awareness for precise decision making, while maximizing the team's safety.

**Quantity:** 2

**Expected Life Span:** 5+ years

**Fiscal Impact:** Approximately \$10,000 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



### DJI, MAVIC 2 ENTERPRISE

**Description from Manufacturer:** The DJI Mavic 2 Enterprise UAV performs many tasks demanded by first responders. Capable of flying in darkness and shooting nighttime imagery, the Mavic 2 Enterprise costs far less than an infrared camera-equipped quadcopter. If power is cut off and people at the other end of a blocked road need to evacuate, attach the included loudspeaker and deliver the evacuation order—and directions to the safest way out—using the Mavic 2 Enterprise. You can also use the speaker to provide instructions to a hiker who has been found or a victim of a boating accident. Need to mark your position for others on your team or support personnel? The included beacon attachment flashes a white light visible for 3 miles. It makes itself known through darkness, fog, and smoke. Tether it to an optional power system to significantly prolong the visual alert. If you need to record videos or stills at night—at a crash scene or in the aftermath of a crime, or to follow a suspect—mount the floodlight, and you'll have enough light to illuminate what and who you need to observe and to record evidence on 4K video or in 12MP still photos.

**Quantity:** 8

**Expected Life Span:** 7+ years

**Fiscal Impact:** Approximately \$3,250 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



### DJI, MAVIC 3 PRO

**Description from Manufacturer:** The DJI Mavic 3 Series features next-level imaging performance. Mavic 3 Pro's triple-camera system ushers in a new era of camera drones by housing three sensors and lenses with different focal lengths. Equipped with a Hasselblad camera and dual tele cameras, Mavic 3 Pro is a triple-camera drone that unlocks new shooting perspectives, allowing you to embrace creative freedom further, capture fascinating scenery, explore photographic storytelling, and make cinematic masterpieces. Mavic 3 Pro ensures you fly safely and create with peace of mind. Eight wide-angle vision

## UNMANNED AIRCRAFT SYSTEMS

sensors work seamlessly with a high-performance vision computing engine to precisely sense obstacles in all directions and plan a safe flight route to avoid them. DJI O3+ features a transmission distance of up to 15 km [3] with stable signals, presenting a more coherent camera view. It can transmit a 1080p/60fps HD live feed, which makes Mavic 3 Pro more responsive to your control and gives you a more vibrant video feed on your monitor. 43-minute fly time.

**Quantity:** 7

**Expected Life Span:** 7+ years

**Fiscal Impact:** Approximately \$6,000 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



### DJI, AVATA 2 PRO

**Description from Manufacturer:** Compact and lightweight, the DJI Avata is nimble in tight spaces. Every aspect of its design was made for you to be bold. The built-in propeller guard mean that if Avata comes in contact with an object, it can bounce back, stay in the air, and can keep on flying. When you combine Avata with the goggles and motion controller, flight becomes accessible to all. Equipped with a 1/1.7-inch CMOS sensor, DJI Avata supports 4K ultra-wide angle recording with an f/2.8 aperture. Together with high grade performance, it delivers exceptional visuals that keep your audience on the edge of their seats.

**Quantity:** 2

**Expected Life Span:** 7+ years

**Fiscal Impact:** Approximately \$1,100 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



### FOTOKITE SIGMA

**Description from Manufacturer:** Fotokite Sigma provides public safety teams with mission-critical situational awareness from elevated perspectives. Fotokite's actively tethered drones conserve personnel by launching, flying, and landing with the single push of a button; no piloting required. Fotokite Sigma is authorized and recognized by aviation authorities as a safer alternative to non-actively tethered drones and free-flying public safety drone systems. The Fotokite Sigma offers advanced wide/zoom and thermal cameras and 150ft maximum altitude. The Fotokite Sigma consists of the Ground Station and Kite. A tablet or computer runs the Fotokite Live App which shows the real-time thermal and low-light video streams, giving teams actionable information throughout their mission safely and reliably; no piloting necessary.

**Quantity:** 1

**Expected Life Span:** 7+ years

**Fiscal Impact:** Approximately \$34,000 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



## UNMANNED GROUND VEHICLES

**Unmanned Ground Vehicles:** Unmanned ground vehicles (or robots) 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.

**Capability:** Unmanned Ground Vehicles can support officers in any hazardous incident which would benefit from a ground level perspective. This equipment can be used to include barricaded suspects or high-risk tactical operations, disaster response, and use in crawl spaces or confined isolated areas to assist in searches for suspects or evidence.

**Purpose and Authorized Use:** This equipment is necessary to assist Glendale Police Department SWAT Team officers during tactical deployments. This equipment can be deployed to perform several tasks in a tactical/hazardous situation without subjecting officers or individuals to danger.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Glendale Police Department Instructors received one day of instructor training from a manufacturer representative on the operation of this equipment, followed by monthly training for applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Unmanned Ground Vehicles:*

### ICOR MINI-CALIBER SWAT ROBOT



**Description from Manufacturer:** The lightweight, modular, one-man portable Mini-CALIBER SWAT and Explosive Ordnance Disposal (EOD) Robot is tested and recommended by the National Tactical Officers Association (NTOA). Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. With rubber tracks and articulating front and rear flippers, the Mini-CALIBER effortlessly climbs stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.

**Quantity:** 1

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$81,000 to purchase. Maintenance is performed as needed, and the associated costs vary.

### ROBOTEX AVATAR 3



**Description from Manufacturer:** The AVATAR III is a rugged, easy-to-use tactical robot that enhances the capabilities of law enforcement and first-responders by allowing them to safely and quickly inspect dangerous situations. The AVATAR III is completely customizable with plug-n-play payload bays, allowing users to build the robot to fit their needs. Allows quick and safe inspection of dangerous situations and easily navigates various terrain. Keeps first responders out of harm's way. Two-way audio. Regarded by tactical teams as a standard operational tool, similar to a vehicle or piece of body armor

**Quantity:** 1

## UNMANNED GROUND VEHICLES

**Expected Life Span:** 10+ years

**Fiscal Impact:** \$0 to purchase as it is loaned to Glendale PD. Maintenance is performed as needed, and the associated costs vary.



### RECON ROBOTICS C.2 THROW-BOT

**Description from Manufacturer:** The Throwbot 2 (TB2) robot is a throwable micro-robot platform that enables operators to obtain instantaneous video and audio reconnaissance within indoor or outdoor environments. Designed to withstand repeated drops of up to 30 feet (9 m) onto concrete, the Throwbot 2 robot can be thrown into hazardous situations in order to allow operators to quickly make informed decisions when seconds count. This micro-robot is designed to be able to crawl over a variety of terrain, clearing obstacles up to 2" (5 cm) tall. Once deployed, the robot can be directed to move through a structure and transmit realtime video and audio to the OCU II. These reconnaissance features can locate and identify subjects, confirm presence of hostages and reveal the room layout.

**Quantity:** 2

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$16,600 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.

## ARMORED PERSONNEL CARRIERS

**Armored Personnel Carriers:** Armored Personnel Carriers are 4-wheel drive vehicles 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.

**Capability:** Armored Personnel Carriers can support officers in any hazardous, high risk, or critical incident which would benefit from having a vehicle that provides a high level of ballistic protection.

**Purpose and Authorized Use:** This equipment is necessary to assist the Glendale Police Department SWAT Team officers with high-risk warrants, barricade suspects, and hostage rescue missions by offering ballistic protection to officers entering a scene and members of the public who need to be rescued. These vehicles are primarily used by SWAT Team officers but can be used by any officer in exigent circumstances.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Glendale Police Department SWAT Team officers received training from a manufacturer representative on the operation of this equipment, followed by monthly training for Glendale Police Department SWAT Team officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Armored Personnel Carriers:*



### LENCO BEARCAT

**Description from Manufacturer:** The Lenco BearCat can be used as an armored Response & Rescue SWAT truck for dangerous call-outs and can provide Tactical EMS with a safe and effective environment to deal with trauma cases.

**Quantity:** 1

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$400,000 to purchase. Maintenance is performed as needed, and the associated costs vary.



### LENCO MEDCAT

**Description from Manufacturer:** The Lenco MedCat is purpose-built to meet the combined needs of SWAT and Tactical EMS teams, providing a safe and effective environment to deliver immediate care to trauma cases. The Law Enforcement variant of the MedCat comes standard with two tactical litters secured to extend bench seating. There are onboard Oxygen tanks with a lighted workstation, a radio compartment workstation, and ample interior compartments for medical supplies and gear storage. The Lenco MedCat is also equipped with a roof mounted fire suppression system which is capable of releasing 125-500 gallons of water per minute.

**Quantity:** 1

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$400,000 to purchase. Maintenance is performed as needed, and the associated costs vary.



## MOBILE COMMAND AND CONTROL VEHICLES

**Mobile Command Vehicles:** Mobile Command Vehicles are completely self-contained command posts designed to provide the Incident Commander with a mobile base of operation.

**Capability:** Mobile Command and Control Vehicles contain specialized command, control, and communications equipment to assist with in a crisis, tactical situation, or community event.

### Purpose and Authorized Use:

**2019 FORD TRANSIT 350 HR VAN:** This equipment is necessary to allow the Glendale Police Department's Crisis Negotiation Team (CNT) to be on scene and negotiate or de-escalate a crisis or tactical situation, ideally without the need to use force. This vehicle serves as the Negotiation Operation Center (NOC).

**2002 FREIGHTLINER MOTORHOME:** This equipment is necessary for Glendale Police Department officers to use as a mobile station in the event of large-scale incidents or emergencies requiring multi-agency coordination and collaboration, crime scene investigations, tactical operations, natural disasters, and or any dynamic events in which that could be beneficial. It can also serve as a communications center if the Glendale Police Station was compromised as a viable dispatching location. This equipment is also used for DUI checkpoints, large city events such as Cruise Night and the Montrose Christmas Parade.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

### Training:

**2019 FORD TRANSIT 350 HR VAN:** Glendale Police Department Crisis Negotiation Team officers received training from a manufacturer representative on the operation of this vehicle, followed by monthly training for Glendale Police Department Crisis Negotiation Team (CNT) officers in the laws and policies surrounding the deployment of this equipment.

**2002 FREIGHTLINER MOTORHOME:** Training for applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment. The motorhome has telescoping lighting features and a diesel-powered generator which would require basic training to operate.

*The Department currently possesses the following types of Mobile Command Vehicles:*



### 2019 FORD TRANSIT 350 HR VAN

**Description from Manufacturer:** The 2019 Ford Transit is a highly versatile work van capable of fitting the needs of most small businesses. It also offers many modern conveniences, a fuel-efficient engine lineup, and decent road manners.

**Quantity:** 1

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$82,000 to purchase. Maintenance is performed as needed, and the associated costs vary.

**MOBILE COMMAND AND CONTROL VEHICLES****2002 FREIGHTLINER MOTORHOME**

**Description from Manufacturer:** The 40' Freightliner Motorhome is built on MT55 Freightliner Chassis and powered by Cummins Diesel engine.

**Quantity:** 1

**Expected Life Span:** 20 years

**Fiscal Impact:** Approximately \$303,000. Maintenance is performed as needed, and the associated costs vary.

## BREACHING APPARATUS, BREACHING SHOTGUN SYSTEM, AND KINETIC BREACHING EQUIPMENT

**Breaching Apparatus, Breaching Shotgun System, and Kinetic Breaching Equipment:** During crisis situations, Breaching Apparatus, Breaching Shotguns, Breaching Ammunition, and/or Kinetic Breaching Equipment may become necessary to facilitate an entry into a specific 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, this equipment may be required to provide an added degree of safety and tactical advantage in order to accomplish a mission.

**Capability:** Breaching Apparatus, Breaching Shotgun System, and Kinetic Breaching Equipment assist in breaching/opening doors that cannot be opened with traditional handheld rams or not otherwise penetrable by conventional or mechanical breaching. This equipment may be used to defeat door locks, bolts, cross-bolts, and hinges.

**Purpose and Authorized Use:** This equipment is necessary to allow Glendale Police Department officers to breach doors where traditional handheld rams would be ineffective primarily during hostage rescue situations or other exigent circumstances where conventional breaching would not be practical or effective.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

### Training:

**KBT, KINETIC BREACHING TOOL:** Glendale Police Department SWAT Team officers received one day of training from a manufacturer representative on the operation of this equipment, followed by annual training for applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

**EXPLOSIVE BREACHING EQUIPMENT:** Completion of a 80-hour Commission on Peace Officer Standards and Training (POST) certified breaching school by Glendale Police Department SWAT Explosive Breaching Cadre and completion of a 80-hour Commission on Peace Officer Standards and Training (POST) certified SWAT school by Glendale Police Department SWAT officers, followed by annual training for applicable Glendale Police Department SWAT Team officers in the laws and policies surrounding the deployment of this equipment.

**ROYAL ARMS REMINGTON 870 EXPRESS BREACHING SHOTGUN SYSTEM:** Completion of a 80-hour Commission on Peace Officer Standards and Training (POST) certified SWAT school by Glendale Police Department SWAT officers, followed by annual training for applicable Glendale Police Department SWAT Team officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Breaching Apparatus, Breaching Shotgun System, and Kinetic Breaching Equipment:*



### KBT, KINETIC BREACHING TOOL

**Description from Manufacturer:** The Kinetic Breaching Tool from Kinetic Breaching Technology (KBT) is a mechanical breaching tool that bridges the gap between traditional mechanical breaching, shotgun breaching, and explosive entry. The Kinetic Breaching Tool is a powder-actuated kinetic energy forced entry tool. Unlike explosive or shotgun breaching, however, all of the force is mechanically driven through a ram. This means that no projectile or explosive energy leaves the device except for the force of the ram which is permanently



## BREACHING SHOTGUNS, BREACHING AMMUNITION, AND EXPLOSIVE BREACHING EQUIPMENT

captured in the device. The ramming surface is narrow enough to focus on a single hinge, yet powerful enough to breach steel security doors. It utilizes a proprietary 8-Cartridge Reloadable Cylinder to deliver up to 850 ft./lb. of force through a hardened steel ram.

**Quantity:** 6

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$10,000 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



### EXPLOSIVE BREACHING EQUIPMENT

**Description from Manufacturer:** N/A. (2) ATF Type 2 Indoor Magazine: Used to store explosives and shock tube initiators safely. (18 rounds) Donovan Durasheet PETN-C-2 Explosive: Sheet explosive used for breaching. (350 feet) Orica Cordtex XLT cord 48 grain: Explosive detonation cord used in the explosive train. (90 grams) Donovan Duramax SOB PETN 20 Gram booster: Explosive booster in the explosive train. (24 grams) Orica Exel MS 40 ft #1 Detonators Shocktube used as part of the explosive train. (20 units) Detonator Cord Connectors: Connects detonator cord to the blasting cap. (2 units) Dual Punch Initiator: Initiating device used in conjunction with a shotgun primer to start the detonation of the explosive train.

**Quantity:** 6

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$7,900 total for equipment to purchase. No Maintenance cost.



### ROYAL ARMS REMINGTON 870 EXPRESS BREACHING SHOTGUN SYSTEM

**Description from Manufacturer:** Royal Arms Breaching Shotgun starts out with the Remington 870 Express Synthetic 12 Ga Shotgun as its base. We then completely modify it with our custom CNC machined parts to be the ultimate Breaching Shotgun. The Royal Arms TESC#3 (green color-coded cap) has a 365-gr. Clayvon (clay with S-70 steel shot) frangible slug and a velocity of 1,650 fps. It is designed to defeat most doors, locks and hinges (hollow core doors to light steel doors) TESC#3 frangible are designed to produce a bigger hole with a reduced risk of over-penetration.

**Quantity:** 2 Remington 870 Shotguns. Approximately 105 Royal Arms TESC#3 12 Gauge rounds.

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$1,500 per shotgun to purchase and \$4.50 per round to purchase. Maintenance is performed as needed, and the associated costs vary.

## SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER

**Rifles:** Long-barreled firearm designed for improving accuracy over a long distance.

### Capability:

**COLT AR-15 PATROL RIFLES:** AR Type Rifles fire .223 rounds with an average velocity of 2500-2800 fps. In addition, these rifles are effective up to (approximately) 400 yards. These rifles are semiautomatic (unless specified) fired from shoulder level. These rifles have a long spirally grooved barrel intended to make bullets spin and have greater accuracy over a long distance. The magazines for these rifles come in magazines of 10, 20, or 30 rounds per magazine. These rifles come equipped with traditional "iron sights" or a red/green dot aiming system such as Aimpoint, Eotech, or similar manufacturers, which improves accuracy.

**HECKLER & KOCH MP5 RIFLES (9MM):** The Heckler & Koch MP5 Rifles fire 9mm rounds (the same round used in law enforcement handguns). These rifles are effective up to (approximately) 218 yards. These rifles have a "trigger group" which allows the officer to select between "safe", "single fire" or "sustained fire". These weapons are fired from shoulder level. These rifles have a long spirally grooved barrel intended to make bullets spin and have greater accuracy over a long distance. The magazines for these rifles come in magazines of 30 rounds per magazine. These rifles come equipped with traditional "iron sights" and may have a red dot aiming system such as Aimpoint, Eotech, or similar manufacturers, which improves accuracy.

**SIG MCX RATTLER SBR CHAMBERED IN 300 BLACKOUT RIFLES:** These short-barreled rifles fire a proprietary round known as the 300 Black Out. These rifles are primarily used for close quarters combat but also have an effective range of up to (approximately) 300 yards. These rifles have a mounting system that will accept a wide array of enhanced optics/sighting systems. These rifles are primarily used by Glendale Police Department SWAT Team officers.

**HORNADY, 300 BLACKOUT 111 GR MONOFLEX TAP SBR:** In conjunction with SIG MCX RATTLER SBR CHAMBERED IN 300 BLACKOUT RIFLES, this ammunition provides SWAT officers the ability to engage hostile suspects with great precision.

**REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS:** The Remington 700 .308 has a maximum effective range of 1000 meters. Although most shots are rarely shot from that distance, these sniper rifles have that ability.

**HORNADY, 308 WIN TAP 168 GR ELD MATCH TAP PRECISION:** In conjunction with REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS, this ammunition provides SWAT snipers the ability to engage hostile suspects with great precision.

**HORNADY, 308 WIN TAP 110 GR TAP URBAN:** In conjunction with REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS, this ammunition provides SWAT snipers the ability to engage hostile suspects with great precision.

**HORNADY, 308 WIN TAP 165 GR CX:** In conjunction with REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS, this ammunition provides SWAT snipers the ability to engage hostile suspects with great precision.

**Purpose and Authorized Use:** This equipment is necessary for Glendale Police Department officers when confronting a threat of severe bodily injury or death either to themselves or members of the public. In certain situations (such as active shooter events), this equipment is favorable to handguns or shotguns because it allows Glendale Police Department officers increased range and accuracy.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department

## SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER - RIFLES

policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified rifle course, followed by a 24-hour Department training by all Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

In addition to the above Training, additional specialized training is required for the following equipment:

**HECKLER & KOCH MP5 RIFLES (9MM):** Completion of a 80-hour Commission on Peace Officer Standards and Training (POST) certified SWAT school by Glendale Police Department SWAT Team officers, followed by monthly training for Glendale Police Department SWAT Team officers in the laws and policies surrounding the deployment of this equipment.

**SIG MCX RATTLER SBR CHAMBERED IN 300 BLACKOUT RIFLES:** Completion of a 80-hour Commission on Peace Officer Standards and Training (POST) certified SWAT School by Glendale Police Department SWAT Team officers, followed by monthly training for Glendale Police Department SWAT Team officers in the laws and policies surrounding the deployment of this equipment.

**HORNADY, 300 BLACKOUT 111 GR MONOFLEX TAP SBR:** Training is in conjunction with SIG MCX RATTLER SBR CHAMBERED IN 300 BLACKOUT RIFLES.

**REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS:** Completion of a 40-hour Commission on Peace Officer Standards and Training (POST) certified Sniper School by specially selected Glendale Police Department SWAT Team officers, followed by monthly training for Glendale Police Department SWAT Team snipers in the laws and policies surrounding the deployment of this equipment.

**HORNADY, 308 WIN TAP 168 GR ELD MATCH TAP PRECISION:** Training is in conjunction with REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS.

**HORNADY, 308 WIN TAP 110 GR TAP URBAN:** Training is in conjunction with REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS.

**HORNADY, 308 WIN TAP 165 GR CX:** Training is in conjunction with REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS.

*The Department currently possesses the following types of Specialized Firearms and Ammunition of Less Than .50 Caliber:*



### COLT AR-15 PATROL RIFLES

Description from Manufacturer: Built for the demanding use of those who protect our communities every day, the Colt Enhanced Patrol Rifle (EPR) is the next evolution in the world's most dependable, thoroughly field-tested patrol rifle. Featuring an extended handguard that accepts modular rail segments for mounting a wide variety of pro-grade optics, lighting, and ergonomics-enhancing accessories, as well as the highly durable Magpul MBUS Pro Series front and rear backup sights and B5 Bravo buttstock. The Colt EPR reestablishes the Colt AR-15® as the finest tool for local, regional, and national law enforcement agencies.

**Quantity:** 119

**Expected Life Span:** 20+ years



SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER

**Fiscal Impact:** Approximately \$1,250 per rifle to purchase (not including accessories). Maintenance is performed as needed, and the associated costs vary.



**HECKLER & KOCH MP5 RIFLES (9MM)**

**Description from Manufacturer:** Developed by Heckler & Koch (HK) in the mid-1960s, the 9 mm MP5 uses the same delayed blowback operating system found on the famous HK G3 automatic rifle. Reliability, accuracy, ease of handling, simple maintenance, and safety — all the elements of HK excellence are highlighted on the MP5. Firing from the closed-bolt position in all modes of fire make MP5 submachine guns extremely accurate and controllable. All HK MP5 models are manufactured using time-tested Heckler & Koch technological invocation and superior materials. Barrels are made using cold hammer forging, a process pioneered and perfected by HK. Machined and stamped high strength steel and modern polymers make up the rest of the MP5. Continual product improvements over more than 50 years of production have kept the MP5 up-to-date and technologically current; it is firmly established as the world's pre-eminent gun among military and law enforcement users.

**Quantity:** 18

**Expected Life Span:** 20+ years

**Fiscal Impact:** Approximately \$2,500 per rifle to purchase. Maintenance is performed as needed, and the associated costs vary.



**SIG MCX RATTLER SBR CHAMBERED IN 300 BLACKOUT RIFLES**

**Description from Manufacturer:** The SIG MCX RATTLER is a short-barreled rifle variant chambered in .300 AAC Blackout. It is intended to serve as a personal defense weapon, featuring a 140 mm (5.5 in) barrel, and comes with a Picatinny rail tail interface for attaching either a compact buttstock or a folding PCB (pistol contour brace).

**Quantity:** 28

**Expected Life Span:** 20+ years.

**Fiscal Impact:** Approximately \$3,000 per rifle to purchase. Maintenance is performed as needed, and the associated costs vary.



**HORNADY, 300 BLACKOUT 111 GR MONOFLEX TAP SBR**

**Description from Manufacturer:** TAP SBR is designed specifically for 6.75"-11.5" SBR's by using proprietary propellant technology and a bullet designed with technology from industry leading Critical Duty FlexLock bullets. TAP SBR provides exceptional ammunition performance in SBR's suppressed or unsuppressed, with virtually no flash or residue, dramatically reduced sound signature, will not foul or overheat suppressors, uniform velocity and accuracy, and provides controllable rate of fire in automatic platforms. Designed to meet the

SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER

requirements of the FBI protocol, TAP SBR is the optimum choice for 6.75"-11.5" 300 BLK rifles.

**Quantity:** 26,200

**Expected Life Span:** 20+ years.

**Fiscal Impact:** Approximately \$245 per 200 rounds to purchase. No maintenance cost.



**REMINGTON 700 SNIPER RIFLE WITH G7 CHASSIS SYSTEM COMPONENTS**

**Description from Manufacturer:** The Remington 700 rifle Top choice of military and law enforcement officers for its unequalled in precision, reliability, strong aftermarket support, and accuracy. A rifle chassis is a key component that attaches the rifle's barreled action and provides the main interface between the precision rifle and the shooter. These customizable 700 chassis allow a interface for attaching accessories such as slings, bipods, and magazines. By upgrading to a chassis system, Remington 700 owners can improve the rifle's accuracy, stability, ergonomics, and adaptability to various shooting scenarios.

**Quantity:** 5

**Expected Life Span:** 20+ years

**Fiscal Impact:** Approximately \$3,400 per rifle to purchase. Maintenance is performed as needed, and the associated costs vary.



**HORNADY, 308 WIN TAP 168 GR ELD MATCH TAP PRECISION**

**Description from Manufacturer:** Hornady 308 WIN TAP 168 gr. ELD MATCH TAP PRECISION ammunition was designed as an improvement on the 168 gr. A-MAX TAP PRECISION load by incorporating the new ELD Match bullet. The 168 gr. ELD Match bullet with Heat Shield tip delivers the excellent terminal performance TAP Precision is known for, but features a resilient, heat resistant polymer tip that improves the ballistic coefficient, resulting in higher impact velocities, less drop, less wind drift, and more energy on target.

**Quantity:** 8,000

**Expected Life Span:** 20+ years.

**Fiscal Impact:** Approximately \$250 per 200 rounds to purchase. No maintenance cost.



**HORNADY, 308 WIN TAP 110 GR TAP URBAN**

**Description from Manufacturer:** This cartridge provides the police marksman a unique bullet that demonstrates rapid expansion, fragmentation and low retained weight. The 110 gr. TAP Urban bullet offers the least penetration in ballistic gelatin and lower felt recoil as

SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER

compared to heavier TAP loads. The 110 gr. bullet demonstrates similar penetration to the 223 Rem 75 gr. BTHP bullet, but with substantially more temporary and permanent cavity and fragmentation, proving itself an excellent choice for high collateral risk environments.

**Quantity:** 1,000

**Expected Life Span:** 20+ years.

**Fiscal Impact:** Approximately \$250 per 200 rounds to purchase. No maintenance cost.



**HORNADY, 308 WIN TAP 165 GR CX**

**Description from Manufacturer:** TAP Heavy Barrier turns cover into concealment. It shoots cleaner than pure copper, fouls less and delivers devastating terminal performance. The CX bullet penetrates heavy barriers such as 1" laminated glass with exceptional weight retention while still delivering superior terminal performance.

**Quantity:** 1,000

**Expected Life Span:** 20+ years.

**Fiscal Impact:** Approximately \$380 per 200 rounds to purchase. No maintenance cost.

**GLENDAL POLICE DEPARTMENT OFFICER PRIVATELY OWNED PATROL RIFLES**

**Description:** Full time police officers, or Level One Reserves, at the Chief's discretion may purchase and use privately owned patrol rifles for duty purposes. Privately owned patrol rifles shall meet the requirements set forth in Department policy.

**Quantity:** 20

**Expected Life Span:** N/A

**Fiscal Impact:** \$0 per rifle to purchase. No maintenance cost.

## FIREARM OR FIREARM ACCESSORY THAT IS DESIGNED TO LAUNCH EXPLOSIVE PROJECTILES

**Launching Cups:** Launching cups are used to place a launchable chemical agent container into the launching cup attached to the barrel of a shotgun to propel it into a structure from distance.

**Capability:** Launching cups are designed to allow officers to launch chemicals agents or smoke from a distance.

**Purpose and Authorized Use:** This equipment is necessary to allow Glendale Police Department SWAT Team officers to deploy chemical agents into a structure or vehicle occupied by barricaded individual(s) to dislodge them. This equipment allows the chemical agent to be deployed from a distance adding to the safety of officers. In addition, this equipment is necessary to enable officers to deploy chemical agents in a violent (or potentially violent) or rioting group of people. In many social unrest events, officers are substantially outnumbered by violent or rioting individuals/groups making chemical agents necessary.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified Chemical Agent Instructor School course by Glendale Police Department instructors, followed by annual training to applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Firearm or Firearm Accessory That Is Designed to Launch Explosive Projectiles – Launching Cups:*



### CTS COMBINED SYSTEMS, LC5 LAUNCHING CUPS

**Description from Manufacturer:** The LC5 Launching cups are designed for the 5200 series chemical agents or smoke canisters. The cups can be attached to virtually any 12gauge shotgun using specific shotgun munitions.

**Quantity:** 3

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$275 per unit to purchase. No maintenance cost.



## NOISE-FLASH DIVERSIONARY DEVICES

**Noise-Flash Diversionary Devices:** Noise-Flash Diversionary Devices (or Flashbangs) are canisters that emit a loud noise and bright light.

**Capability:** Noise-Flash Diversionary Devices are capable of releasing large amounts of stored energy in the form of light and noise. They are intended to temporarily distract or disorient violent (or potentially violent) or rioting individuals.

**Purpose and Authorized Use:** This equipment is necessary for Glendale Police Department SWAT, Patrol, or Mobile Field Force deployments where a distraction device is needed to temporarily distract or disorient violent (or potentially violent) or rioting individual(s) to allow officers an opportunity to detain the individual(s) while using less overall force. In many Mobile Field Force deployments, officers are substantially outnumbered by violent or rioting individuals making this equipment necessary. This equipment enhances the safety of officers and individuals.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified Noise Flash Diversionary Device (NFDD) instructor course by Glendale Police Department Instructors, followed by annual training by applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Noise-Flash Diversionary Devices:*



### DEFENSE TECHNOLOGY, DISTRACTION DEVICE 12-GRAM RELOAD, #8901

**Description from Manufacturer:** The Distraction Device 12-Gram Reload utilizes an M201A1 type fuse that was designed for use with the Distraction Device reloadable steel body. The Distraction Device 12-Gram Reload utilizes a standard military-style type fuse and produces 175 dB of sound output at 5 feet and 6-8 million candelas for ten milliseconds.

**Quantity:** 96

**Expected Life Span:** 5-10 years

**Fiscal Impact:** Approximately \$28-50 per unit to purchase. No maintenance cost.

## STING BALL MUNITIONS

**Sting Ball Munitions:** Sting Ball Munion canisters are designed to emit loud noise, bright light, and rubber projectiles.

**Capability:** Sting Ball Munitions are capable of releasing large amounts of stored energy in the form light and noise. Additionally, upon deflagration, Sting Ball Munitions release numerous rubber pellets to impact a suspect(s) in close proximity to the placement area. They are intended to temporarily distract or disorient violent (or potentially violent) or rioting individuals.

**Purpose and Authorized Use:** This equipment is necessary for Glendale Police Department SWAT, Patrol, or Mobile Field Force deployments where a distraction device is needed to temporarily distract or disorient violent (or potentially violent) or rioting individual(s) to allow officers an opportunity to detain the individual(s) while using less overall force. In many Mobile Field Force deployments, officers are substantially outnumbered by violent or rioting individuals making this equipment necessary. This equipment enhances the safety of officers and individuals.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified Less-Lethal course by Glendale Police Department instructors, followed by monthly training by Glendale Police Department SWAT Team and Mobile Field Force officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Sting Ball Munitions:*



### DEFENSE TECHNOLOGY, STINGER 60-CALIBER RUBBER BALLS, #1087

**Description from Manufacturer:** The Stinger 60-Caliber Rubber Balls grenade is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. The Stinger 60-Caliber Rubber Balls grenade is most widely used as a crowd management tool. The Rubber Ball Blast Grenade delivers 60 Caliber Rubber Balls with light and sound stimuli. The grenade is most commonly used as a crowd management training tool by Law Enforcement and Corrections. The Rubber Ball Blast has an initial 1.5-second delay that initiates fuse assembly separation, followed by another .5 second delay before the function of the device. The blast is sufficient to project the rubber balls and optional chemical agent in a 50 foot radius. As a pain compliance, distraction and disorientation device for crowd management, it may be hand thrown or launched in the general direction of the crowd.

**Quantity:** 77

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

## CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES

**Chemical Agents and Chemical Agent Delivery Devices:** Chemical Agents and Chemical Agent Delivery Devices 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.

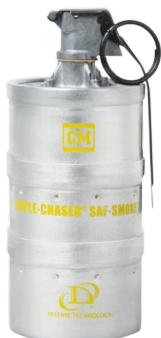
**Capability:** Depending on the delivery method, chemical agents are capable of being introduced in close proximity or from a distance. Depending on the type of delivery system and/or quantity, chemical agents can be used to saturate individual suspects, violent crowds, or areas of varied size.

**Purpose and Authorized Use:** This equipment is necessary for Glendale Police Department SWAT, Patrol, or Mobile Field Force deployments in many situations where less-lethal force is needed, including when it is essential to cover an area with smoke to conceal tactical movement, area denial, and direct a crowd, especially in a violent (or potentially violent) or rioting group situation. This equipment is designed specifically for outdoor use in crowd management situations and should not be deployed onto rooftops, in crawl spaces, or indoors due to its fire-producing capacity, unless otherwise stated by manufacturer recommendations. This equipment can be hand throw or launched providing deploying officers additional standoff distances and maximum coverage for large outdoor areas. This equipment enhances the safety of officers and individuals.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified Chemical Agent course by Glendale Police Department instructors, followed by monthly training by SWAT Team and Mobile Field Force officers and annual training by applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Chemical Agents and Chemical Agent Delivery Devices:*



### DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, SAF-SMOKE, #1027

**Description from Manufacturer:** The Triple-Chaser Separating Canister, Saf-Smoke is a fast-burning, medium volume canister designed specifically for outdoor use in crowd management situations. It is a pyrotechnic grenade consisting of three (3) separate canisters pressed together with separating charges between each section. When deployed, this grenade will divide into three (3) distinct sub-munitions spaced approximately 20 feet apart – allowing increased area coverage in a short period from one deployment. Terrain and surface conditions can affect the distance of the separating sub-munitions. This grenade can be hand thrown or launched from a fired delivery system and is an effective way to quickly deploy a wide blanket of agent. It has an approximate burn time of 20 seconds.

**Quantity:** 7 (All remaining quantities will be used in training in 2024 or 2025.)

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES



**DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE LARGE STYLE CANISTER, #1073**

**Description from Manufacturer:** The Maximum Smoke Grenade is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload (smoke) in approximately 1.5-2 minutes through four gas ports located on the top of the canister. Due to its extremely long burn time, it is subject to throwback by individuals wearing burn protection such as a welder's mitt. The canisters may be protected from advancing individuals with the use of less lethal impact munitions. The device should be deployed utilizing wind advantage. 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 grenade holds approximately 2.9 oz. of active agent.

**Quantity:** 30

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER SAF-SMOKE GRENADE, #1033**

**Description from Manufacturer:** The design of the Tri-Chamber Flameless Saf-Smoke Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.

**Quantity:** 16 *(All remaining quantities will be used in training in 2024 or 2025.)*

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES



**DEFENSE TECHNOLOGY, MILITARY-STYLE MAXIMUM SMOKE, #1083**

**Description from Manufacturer:** 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. Due to its extremely long burn time, it is subject to throwback by individuals wearing burn protection such as a welder's mitt. The canisters may be protected from advancing individuals with the use of less lethal impact munitions. The device should be deployed utilizing wind advantage. Hexachloroethane (HC) smoke is discharged through four (4) gas ports located on top of the canister. Due to the high metal content, HC smoke is dark compared to Saf-Smoke™ that is utilized in all other Defense Technology® smoke devices (except the Large-Style Maximum Smoke Grenade). It is similar to the military-style grenade and incorporates a steel canister.

**Quantity:** 22

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost



**DEFENSE TECHNOLOGY, HAN-BALL GRENADE, CS, #1092**

**Description from Manufacturer:** The Han-Ball CS Grenade is an outdoor use grenade expelling its payload (CS) in approximately 15-20 seconds. The Han-Ball Grenade is excellent for the rapid delivery of chemical agents or smoke in quickly changing tactical situations. The rubber ball round is 4.8 inches tall, including the fuze head, and 3.1 inches in diameter. This launchable grenade holds approximately 1.6 oz. of active agent, expelled through three ports around the ball's equator. Due to the intense heat generated by this grenade, it should not be used inside a building or near flammable material. This grenade contains 1.60 oz. of chemical agent.

**Quantity:** 28

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, TRIPLE-CHASER CS, #1026**

**Description from Manufacturer:** 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 grenade can be hand thrown or launched from a fired delivery system. The grenade 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. Terrain and surface conditions can affect the distance of the separating sub-munitions. It has slightly less chemical content than the Spede-Heat version but differs mainly in size. The longer burn time may allow for throwback by individuals wearing burn protection such as a



## CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES

welder's mitt. The canisters may be protected from advancing individuals with the use of less lethal impact munitions. The device should be deployed utilizing wind advantage.

**Quantity:** 9 (All remaining quantities will be used in training in 2024 or 2025.)

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



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

**Description from Manufacturer:** The Spede-Heat Grenade is a high volume, continuous discharge grenade designed specifically for outdoor use in crowd control situations. 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. Designed specifically for outdoor use in crowd control situations, the Spede-Heat Grenade is built on the old-style larger canister. The longer burn time may allow for throwback by individuals wearing burn protection such as a welder's mitt. The canisters may be protected from advancing individuals using less-lethal impact munitions. The device should be deployed utilizing wind advantage.

**Quantity:** 8

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



### DEFENSE TECHNOLOGY, INSTANTANEOUS BLAST CS, #1042

**Description from Manufacturer:** The Instantaneous Blast CS Grenade is designed for indoor or outdoor use. The purpose of the Instantaneous Blast Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. This grenade's powder is expelled upon initiation of a small internal detonator with sufficient force to split the canister at six machined grooves on the outside surface. This device is well suited for affecting numerous subjects grouped within a contained portion of a prison yard or area, using wind to the advantage. This 6.12 in. by 2.62 in. grenade will deliver approximately 1.5 oz. of active agent. The Instantaneous Blast Grenade is most commonly used when a non-fire-producing delivery system is desired. It is most effective when used in confined areas and near the target area. This powder carrier may make this device less suited for outdoor operations where wind conditions may quickly move the agent past the target zone.

**Quantity:** 36

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES



**DEFENSE TECHNOLOGY, TRI-CHAMBER FLAMELESS GRENADE CS, #1032**

**Description from Manufacturer:** The design of the Tri-Chamber Flameless CS Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control and tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization while minimizing or negating the chance of fire to the structure.

**Quantity:** 18

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**CTS COMBINED SYSTEMS, BAFFLED RIOT CS, #5230B**

**Description from Manufacturer:** The CTS Combined Systems Baffled Riot CS Grenade is a pyrotechnic grenade designed for indoor use delivers a maximum amount of irritant smoke throughout multiple rooms with minimal fire risk. This equipment can be launched via shotgun mounted launching cup. This grenade expels its payload through four emission ports in approximately 20-40 seconds.

**Quantity:** 30

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, FERRET 40 MM LIQUID BARRICADE PENETRATOR ROUND, CS, #2262**

**Description from Manufacturer:** The Ferret 40mm Round is non-burning and suitable for indoor use. Used primarily by tactical teams, it is designed 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.

**Quantity:** 150

CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, FERRET, CS LIQUID, #1262**

**Description from Manufacturer:** The Ferret 40 mm Barricade Penetrating Round is filled with an CS liquid chemical agent. It is a frangible projectile that is spin stabilized utilizing fins and barrel rifling. It is non-burning and used by tactical teams to penetrate barriers.

**Quantity:** 97

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082**

**Description from Manufacturer:** 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 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.

**Quantity:** 20

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, OC/CS AEROSOL GRENADE, #1050**

**Description from Manufacturer:** Designed for indoor use, the OC/CS Aerosol Grenade contains no CFCs, is not a fire hazard, and requires minimal decontamination by comparison to smoke, powders, or liquids. The Aerosol Grenade is most commonly used in tactical situations by Law Enforcement and Corrections and was designed with indoor operations in mind when a non-fire-producing delivery system is desired. It is most effective when used in confined areas and near the target area. Used to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Aerosol Grenade is ideal for cell extractions or barricade situations where pyrotechnic, powder or liquid devices are not practical or desired. The OC and CS combination provide sufficient effects in confined areas of up to 1,500 square feet.

**Quantity:** 7

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES



**DEFENSE TECHNOLOGY, RIOT CONTROL OC, #1080**

**Description from Manufacturer:** The Riot Control OC is designed specifically for outdoor use in crowd control situations. The Riot Control Grenade is a high-volume continuous burn canister that expels its payload in approximately 20-40 seconds. It has slightly less chemical content than the Speed-Heat version, but differs mainly in size. The longer burn time may allow for throwback by individuals wearing burn protection such as a welder's mitt. The canisters may be protected from advancing individuals with the use of less lethal impact munitions. 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.

**Quantity:** 26

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, AEROSOL OC VAPOR, #1056**

**Description from Manufacturer:** 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 yet requires minimal decontamination. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Grenade is ideal for cell extractions or barricade situations where pyrotechnic, powder or liquid devices are not practical or desired. The purpose of the OC Vapor Aerosol Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.

**Quantity:** 20

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER OC GRENADE #1030**

**Description from Manufacturer:** Designed for law enforcement and corrections, the OC Flameless Tri-Chamber Pyrotechnic Grenade combines the effectiveness of Oleoresin Capsicum (OC) as an incapacitating agent with the flexible delivery methods, range and area coverage of pyrotechnic munitions. The OC Flameless Tri-Chamber Grenade can be used in crowd control, or barricade situations, as a less lethal solution to incapacitate subjects through temporary respiratory discomfort, while reducing or negating the chance of fire to structures. The Tri-Chamber Flameless Grenade can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections, but was designed

## CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES

with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.

**Quantity:** 3

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.



### DEFENSE TECHNOLOGY, FLAMELESS EXPULSION OC, #2040

**Description from Manufacturer:** The OC Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without fire risk. 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 1500 square feet. This grenade is 7.5 in. by 1.65 in. and delivers about .02 oz. of active agent during its 3-second discharge time. The Flameless Expulsion Grenade is most commonly used in tactical deployment situations by Law Enforcement and Corrections. Its applications include detection and/or dislodging barricaded subjects, or for cell extractions. As a result of the Flameless Expulsion Grenades design, it may have erratic movement when deployed on hard surfaces such as concrete. This is desirable as the movement further restricts "throwback" potential. All grenades are overfilled which may result in excessive agent remaining in the grenade after deployment. The Flameless Expulsion Grenade will fit any tactical vest designed to carry 37mm munitions. The purpose of the Flameless Expulsion Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects. The minimal agent content and the powder carrier will not usually provide ample coverage to be effective outdoors, unless walls or barriers confine it. It is not suitable choice for outdoor crowd management.

**Quantity:** 31

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

### DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 STREAM OC AEROSOL, #56895

**Description from Manufacturer:** The First Defense 1.3% MK-9 Stream OC Aerosol features an easy-to-use trigger handle and is intended for use in crowd management and will deliver 14 short bursts of liquid OC up to an effective range of 18-20 feet. This 1.3% MC OC aerosol product utilizes a stream method providing a target-specific, strong concentrated stream for



CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES



greater standoff. This formulation has been tested and is non-flammable and Electronic Discharge Weapon (EDW) safe. Defense Technology First Defense OC Aerosols are produced in an ISO-rated manufacturing facility. The red-banded canister indicates the major capsaicinoid level, which is discharged at the nozzle at the time of use. An Independent Laboratory verifies all major capsaicinoid percentages (MC %) for quality assurance.

**Quantity:** 10

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$50 per unit to purchase. No maintenance cost.

**DEFENSE TECHNOLOGY, FIRST DEFENSE® .7% MK-9S HV VAPOR OC AEROSOL WITH WAND ATTACHMENT, #43896**



**Description from Manufacturer:** The MK-9S features an easy to use trigger handle, is intended for use in crowd management and will deliver 8-10 short bursts of OC at an effective range of 10-15 ft. This .7% MC OC aerosol product utilizes a vapor delivery method providing a high concentration of OC in a powerful mist inflaming the mucous membranes and exposed skin. Onset is immediate and very intense, resulting in an intense burning sensation that evaporates quickly when exposed to fresh air.

**Quantity:** 8

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$145 per unit to purchase. No maintenance cost.

**DEFENSE TECHNOLOGY, FIRST DEFENSE® .7% MK-46V STREAM OC AEROSOL WITH WAND #56746V**



**Description from Manufacturer:** 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 .7% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.

**Quantity:** 1

**Expected Life Span:** 2 years

**Fiscal Impact:** Approximately \$630 per unit to purchase. No maintenance cost.

## LONG-RANGE ACOUSTIC DEVICES

**Long Range Acoustic Device:** Long Range Acoustic Devices are a type of loudspeaker system that emits a focused and directional beam of sound.

**Capability:** The sound levels of long range acoustic devices 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.

**Purpose and Authorized Use:** This equipment can be used to communicate with a subject during a law enforcement operation where direct communication is not possible, or to relay directions to a crowd in a loud or chaotic situations where the human voice, bull horns, vehicle PA systems, and other similar devices are insufficient.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Glendale Police Department Mobile Field Force Officers received training from a manufacturer representative on the operation of this equipment, followed by annual training for Glendale Police Department Mobile Field Force officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Long-Range Acoustic Devices:*



### MAGNETIC AUDIO DEVICE LT-PMS2-TURBO

**Description from Manufacturer:** The LT-PMS (Long Throw-Planar Magnetic Speaker) series consists of speakers designed specifically for long-throw speech transmission. Tailored with a frequency response perfectly matched for the voice range, the LT-PMS planar systems can transmit a live or prerecorded spoken message with perfect articulation. Even at maximum volume, the sound remains clear, and distortion is virtually undetectable.

**Quantity:** 1

**Expected Life Span:** 10+ years

**Fiscal Impact:** Approximately \$4,000 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.

## KINETIC ENERGY 40MM WEAPONS AND MUNITIONS

**Kinetic Energy 40mm Launchers and Munitions:** 40mm Launchers and Munitions are single shot or multi-shot launchers capable for firing a variety of 40mm rounds.

**Capability:** Kinetic Energy 40mm launchers are capable of firing a variety of munitions with a maximum effective range over 100 feet. 40mm launchers can deliver 40mm munitions in the form of chemical agents, sponge baton rounds, or combined use sponge baton OC chemical agent rounds.

**DEFENSE TECHNOLOGY, 40MM TACTICAL 4-SHOT LAUNCHER, #1440:** The 40mm Tactical 4-Shot Launcher has the ability to be fired from as close as 5 feet to over 100 feet. The Tactical 4-Shot will fire standard 40mm Less Lethal ammunition, up to 4.8 inches in cartridge length. Lightweight and tactical, this weapon is NOT designed to fire 40mm High Velocity High Explosive ammunitions. The Picatinny Rail Mounting System will accept a wide array of enhanced optics/sighting systems.

**DEFENSE TECHNOLOGY, 40MM LMT TACTICAL SINGLE LAUNCHER, EXPANDABLE STOCK, #1425:** The tactical single-shot launcher of 40MM less-lethal round (also capable of firing (CS/OC) chemical agent munitions) and has the ability to be fired from as close as 5 feet to over 100 feet. This weapon is NOT designed to fire 40mm High-Velocity High Explosive ammunition.

**Purpose and Authorized Use:** This equipment is necessary for Glendale Police Department SWAT, Patrol, or Mobile Field Force deployments to stop violent, rioting, or armed individuals to allow officers an opportunity to detain the individual(s) while using less force. This equipment can be deployed at a distance to increase officer safety.

**CTS COMBINED SYSTEMS, 40MM EXACT SPONGE-RELOADABLE TRAINING ROUNDS, #4504:** The 40MM training rounds is used for training only.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified Less-Lethal Instructor course by Glendale Police Department instructors, followed by monthly training by SWAT Team and Mobile Field Force officers and annual training by applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Kinetic Energy 40mm Launchers and Munitions:*



### DEFENSE TECHNOLOGY, 40MM TACTICAL 4-SHOT LAUNCHER, #1440

**Description from Manufacturer:** The 40mm Tactical 4-Shot Launcher is low-profile and lightweight, providing multi-shot capability in an easy-to-carry launcher. It features the Rogers Super Stoc expandable gun stock, an adjustable Picatinny mounted front grip, and a unique direct-drive system to advance the magazine cylinder. It will launch a 40MM less-lethal round (also capable of firing (CS/OC) chemical agent munitions).

**Quantity:** 6

**Expected Life Span:** 15 years

**Fiscal Impact:** Approximately \$1,975 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.

KINETIC ENERGY 40MM WEAPONS AND MUNITIONS



**DEFENSE TECHNOLOGY, 40MM LMT TACTICAL SINGLE LAUNCHER, EXPANDABLE STOCK, #1425**

**Description from Manufacturer:** The 40LMTS is a tactical 40mm single-shot launcher that features an expandable stock and an adjustable Integrated Front Grip (IFG) with a light rail. The Ambidextrous Lateral Sling Mount (LSM) and QD mounting systems allow single and two-point sling attachments. The 40LMTS will fire standard 40mm Less Lethal ammunition, up to 4.8 inches in cartridge length. This weapon is NOT designed to fire 40mm High-Velocity High Explosive ammunition. The Picatinny Rail Mounting System will accept a wide array of enhanced optics/sighting systems.

**Quantity:** 31

**Expected Life Span:** 25 years

**Fiscal Impact:** Approximately \$1,000 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.



**DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE: #6325**

**Description from Manufacturer:** The eXact iMpatc 40 mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consists of a plastic body and sponge nose that is spin-stabilized via the incorporated rifling collar and the 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant and has exceptionally consistent velocities. They are used for Crowd Control, Patrol, and Tactical Applications. The 40mm eXact iMpatc Sponge Round is intended for direct fire deployment. The 40mm eXact iMpatc Sponge Round will prove most successful for incapacitation when used within its optimal energy range of approximately 5-40 meters, although it may be used in situations from 1.5 – 50 meters. The 40mm eXact iMpatc Sponge Round can also be deployed in crowd control situations to protect the riot line, cover or enhance chemical munitions, or targeting specific agitators and organizers of the crowd. When used in this fashion, it is primarily both a psychological deterrent and physiological distraction serving as a pain compliance device to either get the crowd or subject moving or keeping them at a designated distance. In many municipalities, these are being selected for both tactical call outs and as an available option for patrol.

**Quantity:** 564

**Expected Life Span:** 5-10 years

**Fiscal Impact:** Approximately \$2,500 per 100 units to purchase. No maintenance cost.

**DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT OC, #6320**

**Description from Manufacturer:** The 40mm Direct Impact Round is a "point-of-aim, point-of-impact" direct fire round that is most commonly used by tactical teams in situations where greater accuracy and deliverable energy is desired for the incapacitation of an aggressive, non-compliant subject at longer distances. This lightweight, high-speed projectile consists of a plastic body and

## KINETIC ENERGY 40MM WEAPONS AND MUNITIONS



a crushable foam nose which is spin stabilized via the incorporated rifling collar and the 40mm launcher's rifled barrel. The rounds utilize smokeless powder as the propellant and have velocities that are extremely consistent. The 40mm Direct Impact Round consists of a plastic body and a crushable foam nose that contains a powder payload. This payload area can hold inert, marking, OC or CS powder. The crushable foam nose dissipates energy upon impact while releasing the powder payload. The 40mm Direct Impact Round will prove most successful for incapacitation when used within their optimal energy range of approximately 5–40 meters, although it may be used in situations from 2–50 meters. Extensive testing was done on the Direct Impact Round to ensure that the round is less-lethal when fired within the optimal energy range and at the large muscle groups of the buttocks, thigh, and knees. These areas provide sufficient pain stimulus, while greatly reducing serious or life-threatening injuries. The 40 MM Direct Impact OC round contains .3 grams of OC. When loaded with OC powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation.

**Quantity:** 455

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$30 per unit to purchase. No maintenance cost.



### DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT MARKING ROUND, #6326

**Description from Manufacturer:** The 40mm Direct Impact Round is a “point-of-aim, point-of-impact” direct fire round that is most commonly used by tactical teams in situations where greater accuracy and deliverable energy is desired for the incapacitation of an aggressive, non-compliant subject at longer distances. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a crowd or riot situation to the team on the ground. This lightweight, high-speed projectile consists of a plastic body and a crushable foam nose which is spin stabilized via the incorporated rifling collar and the 40mm launcher's rifled barrel. The rounds utilize smokeless powder as the propellant and have velocities that are extremely consistent. The 40mm Direct Impact Round consists of a plastic body and a crushable foam nose that contains a powder payload. This payload area can hold inert, marking, OC or CS powder. The crushable foam nose dissipates energy upon impact while releasing the powder payload. The 40mm Direct Impact Round will prove most successful for incapacitation when used within their optimal energy range of approximately 5–40 meters, although it may be used in situations from 2–50 meters. The 40 MM Direct Impact marking round contains 3.8 grams of marking agent.

**Quantity:** 27

**Expected Life Span:** 5 years

**Fiscal Impact:** Approximately \$30 per unit no purchase. No maintenance cost.



KINETIC ENERGY 40MM WEAPONS AND MUNITIONS



**DEFENSE TECHNOLOGY, 40MM WARNING SIGNALING MUNITION, LONG RANGE, INERT MARKING, 150 METERS #6029IM-LR**

**Description from Manufacturer:** The 40 mm Warning/Signaling Muniton will produce 170 dB of sound and 5 million candelas of light. This muniton has an operational range of 150 meters. Launched from a 40 mm platform, this muniton gives the operator the ability to engage people, vehicles, or vessels from a safe stand-off position. In open waters, the flash and sound are easily observable at great distances. For checkpoint operations, the munitions can be directed towards approaching vehicles to provide a less lethal response against potential threats. When directed over the heads of crowds, the Aerial Warning/Signaling Munitions are effective in directing the movement of crowds. The 40mm Aerial Warning/Signaling Munitions are designed to travel to their respective distances and deflagrate 20 to 30 feet above target when the launcher is held at a 15 degree elevation angle. Each muniton has a tactile reference on the nose of the cone to indicate the designated distance for that particular round. These projectiles are designed for outdoor use and have fire-producing capability. They are not intended for barricade penetration. Do not fire directly at personnel, as serious injury or death may result.

**Quantity:** 25

**Expected Life Span:** 5-10 years

**Fiscal Impact:** Approximately \$30 per unit to purchase. No maintenance cost.



**DEFENSE TECHNOLOGY, FERRET 40MM POWDER BARRICADE AROUND CS, #2292**

**Description from Manufacturer:** The Ferret 40 mm Barricade Penetrating Round is filled with a CS powder chemical agent. It is a frangible projectile that is spin-stabilized utilizing barrel rifling. It is non-burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Used mainly by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard, and thin plywood. Upon Impact, the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle. In a tactical deployment situation, the Ferret 40mm is primarily used to dislodge barricaded subjects from very small 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. The Ferret® 40mm Round is available with either liquid or powder carriers for the agent. Once delivered, powder carriers tend to keep the agent airborne longer than liquid carriers and may have more effect. Liquid carriers contain red dye to aid in shot placement.

**Quantity:** 228

**Expected Life Span:** 5-10 years

**Fiscal Impact:** Approximately \$1,300 per 50 rounds to purchase. No maintenance cost.

KINETIC ENERGY 40MM WEAPONS AND MUNITIONS



**CTS COMBINED SYSTEMS, 40MM SPONGE, SMOKELESS, SPIN STABILIZED, 4" LONG, #4557**

**Description from Manufacturer:** The Model 4557 Sponge Baton is a spin-stabilized projectile delivering blunt trauma effect. Although it is extremely accurate and consistent, accuracy is dependent on the launcher, using open sights vs. an improved sight, environmental conditions, and the operator. Effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.

**Quantity:** 100

**Expected Life Span:** 5-10 years

**Fiscal Impact:** Approximately \$2,200 per 100 rounds to purchase. No maintenance cost.



**CTS COMBINED SYSTEMS, 40MM EXACT SPONGE-RELOADABLE TRAINING ROUNDS, #4504**

**Description from Manufacturer:** 120 Shot Kit Practice Only – 120 Cases, 40 Bands and 25 Noses.

**Quantity:** 125

**Expected Life Span:** 5-10 years

**Fiscal Impact:** Approximately \$1,300 per kit to purchase. No maintenance cost.

## PEPPER BALL LAUNCHERS AND PEPPER BALL MUNITIONS

**Pepper Ball Launchers and Pepper Ball Munitions:** Pepper Ball Launchers and Pepper Ball Munitions are non-lethal munitions system that employs paint ball launchers to fire “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.

**Capability:** Pepper ball launchers give officers the ability to address an armed and/or violent suspect(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 suspect(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 operational environments.

**Purpose and Authorized Use:** This equipment is necessary for Glendale Police Department SWAT, Patrol, or Mobile Field Force deployments where less-lethal force is needed to stop violent (or potentially violent) or rioting individual(s) to allow officers an opportunity to detain the individual(s) while using less overall force. In many Mobile Field Force deployments, officers are substantially outnumbered by violent or rioting individuals making this equipment necessary. This equipment is also necessary for SWAT or Patrol deployments to stop violent or armed individuals from a distance using less force. This equipment can be deployed at a distance to increase officer safety.

**Legal and Procedural Rules Governing Use:** The Glendale Police Department shall only utilize this equipment for official law enforcement purposes, in accordance with state and federal law, and applicable Department policy.

**Training:** Completion of a Commission on Peace Officer Standards and Training (POST) certified Less-Lethal Instructor course by Glendale Police Department instructors, followed by annual training by applicable Glendale Police Department officers in the laws and policies surrounding the deployment of this equipment.

*The Department currently possesses the following types of Pepper Ball Launchers and Pepper Ball Munitions:*



### PEPPERBALL, FTC

**Description from Manufacturer:** FTC is a high-capacity, semiautomatic launcher perfect for crowd management and mobile field force operations. Reliable and accurate, it features a hopper that can hold up to 180 rounds and a flexible air source configuration. The velocity of the live PepperBall Projectile is 280-300 FPS. Effective range is 3 feet-100 feet. The Kinetic Impact of the PepperBall Projectile is 8.8-11 ft. lb./12-15J.

**Quantity:** 9

**Expected Life Span:** 20 years

**Fiscal Impact:** Approximately \$500 per unit to purchase. Maintenance is performed as needed, and the associated costs vary.

PEPPER BALL LAUNCHERS AND PEPPER BALL MUNITIONS



**PEPPERBALL, LIVE PEPPERBALL PROJECTILE**

**Description from Manufacturer:** The basic PepperBall Projectile contains 2% PAVA, and is excellent for direct impact and area saturation, especially in confined, interior spaces. The velocity of this projectile is 280-300 FPS. Effective range is 3 feet – 100 feet. The Kinetic Impact is 8.8- 11 ft. lb./12-15J.

**Quantity:** 5,325

**Expected Life Span:** 3 years

**Fiscal Impact:** Approximately \$2 per projectile to purchase. No maintenance cost.



**PEPPERBALL, INERT PEPPERBALL PROJECTILE**

**Description from Manufacturer:** The PepperBall INERT projectiles are harmless, scented powder, this projectile is best suited for training, qualifications, and direct impact when PAVA exposure is not desired.

**Quantity:** 825

**Expected Life Span:** 3 years

**Fiscal Impact:** Approximately \$1 per projectile to purchase. No maintenance cost.

## **SPECIALIZED EQUIPMENT NOT OWNED OR USED**

The Glendale Police Department does not own or use, or seeks to acquire, any of the following equipment:

**HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES (HMMWV), TWO-AND-ONE-HALF-TON TRUCKS, FIVE-TON TRUCKS, OR WHEELED VEHICLES THAT HAVE A BREACHING OR ENTRY APPARATUS ATTACHED**

**TRACKED ARMORED VEHICLES THAT PROVIDE BALLISTIC PROTECTION TO THEIR OCCUPANTS**

**WEAPONIZED AIRCRAFT, VESSELS, OR VEHICLES OF ANY KIND**

**FIREARMS AND AMMUNITION OF .50 CALIBER OR GREATER, EXCLUDING STANDARD-ISSUE SHOTGUNS AND STANDARD-ISSUE SHOTGUN AMMUNITION.**



## 2023 SPECIALIZED EQUIPMENT USE SUMMARY

This section outlines the specialized equipment usage for 2023. Certain items of specialized 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 specialized equipment.

### UNMANNED AIRCRAFT SYSTEMS

Unmanned Aircraft Systems were utilized at 53 incidents in 2023.

### UNMANNED GROUND VEHICLES

Unmanned Ground Vehicles were utilized at 3 incidents in 2023.

### ARMORED PERSONNEL CARRIERS

Armored Personnel Carriers were utilized at 20 incidents in 2023, 13 of which were interactive community engagement events.

### MOBILE COMMAND AND CONTROL VEHICLES

Mobile Command and Control Vehicles were utilized at 15 incidents in 2023, 2 of which were interactive community engagement events.

### BREACHING APPARATUS, BREACHING SHOTGUN SYSTEM, AND KINETIC BREACHING EQUIPMENT

Breaching Apparatus, Breaching Shotguns System, and Kinetic Breaching Equipment were utilized at 1 incident in 2023.

### FIREARM OR FIREARM ACCESSORY THAT IS DESIGNED TO LAUNCH EXPLOSIVE PROJECTILES

Firearm or Firearm Accessory That Is Designed to Launch Explosive Projectiles were utilized at 2 incidents in 2023.

### NOISE-FLASH DIVERSIONARY DEVICES

Noise-Flash Diversionary Devices were utilized at 3 incidents in 2023.

### CHEMICAL AGENTS AND CHEMICAL AGENT DELIVERY DEVICES

Chemical Agents and Chemical Agent Delivery Devices were utilized at 3 incidents in 2023.

### KINETIC ENERGY 40MM WEAPONS AND MUNITIONS

Kinetic Energy 40mm Launchers and Munitions were utilized at 1 incident in 2023.

**2023 SPECIALIZED EQUIPMENT USE SUMMARY**

***All specialized equipment uses were located in the City of Glendale, unless otherwise specified.***

*All incidents are considered separate, even when there are multiple occurrences on the same date.*

<b>Incident Date</b>	<b>Equipment Used</b>	<b>Purpose of Use</b>
January 25, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
January 25, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
February 3, 2023	2002 FREIGHTLINER MOTORHOME	Used by Glendale PD officers as a mobile command post for a DUI checkpoint.
February 8, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
February 8, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
February 14, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
April 15, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
April 26, 2023	LENCO BEARCAT	Used by Glendale PD officers for interactive community engagement during Stuff-A-Truck.
May 3, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers during a high-risk search warrant in the City of Los Angeles.
May 4, 2023	LENCO BEARCAT	Used by Glendale PD officers for interactive community engagement during Kids-N-Critters.
May 10, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
May 10, 2023	DJI, MAVIC 2 ENTERPRISE LENCO BEARCAT LENCO MEDCAT 2019 FORD TRANSIT 350 HR VAN (2) DEFENSE TECH., DISTRACTION DEVICE 12-GRAM RELOAD, #8901	Used by Glendale PD officers during a high-risk search warrant in the City of Frazier Park.
May 13, 2023	LENCO BEARCAT	Used by Glendale PD officers for interactive community engagement during Fire Service Day.
May 15, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
May 17, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.

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**2023 SPECIALIZED EQUIPMENT USE SUMMARY**

<b>Incident Date</b>	<b>Equipment Used</b>	<b>Purpose of Use</b>
August 1, 2023	DJI, MAVIC 2 ENTERPRISE LENCO MEDCAT 2019 FORD TRANSIT 350 HR VAN	Used by Glendale PD officers for interactive community engagement during National Night Out.
August 3, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
August 9, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist Burbank PD with a search in the City of Burbank.
August 18, 2023	DJI, MAVIC 2 ENTERPRISE 2002 FREIGHTLINER MOTORHOME	Used by Glendale PD officers as a mobile command post and overwatch for a DUI checkpoint.
August 21, 2023	DJI, MAVIC 2 ENTERPRISE ICOR MINI-CALIBER SWAT ROBOT LENCO BEARCAT LENCO MEDCAT 2019 FORD TRANSIT 350 HR VAN	Used by Glendale PD officers to assist Pasadena PD with an armed and barricaded suspect in the City of Pasadena.
August 24, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist with a bomb threat at the Americana.
August 25, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
September 3, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
September 3, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
September 8, 2023	2002 FREIGHTLINER MOTORHOME	Used by Glendale PD officers as a mobile command post for a DUI checkpoint.
September 10, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
September 12, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
September 13, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
September 16, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.



**2023 SPECIALIZED EQUIPMENT USE SUMMARY**

<b>Incident Date</b>	<b>Equipment Used</b>	<b>Purpose of Use</b>
September 16, 2023	LENCO BEARCAT LENCO MEDCAT 2019 FORD TRANSIT 350 HR VAN	Used by Glendale PD officers for interactive community engagement during Touch-A-Truck.
September 23, 2023	2019 FORD TRANSIT 350 HR VAN	Used by Glendale CNT officers to assist Alhambra PD with a individual threatening self harm in the City of Alhambra.
October 2, 2023	KBT, KINETIC BREACHING TOOL	Used by Glendale PD Officers to force entry into a residence for a welfare check due to a report of domestic violence.
October 7, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to provide overwatch for Oktoberfest.
October 9, 2023	LENCO BEARCAT LENCO MEDCAT	Used by Glendale PD officers for interactive community engagement during the Citizens Academy.
October 11, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
October 18, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
October 19, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist Narcotics Detectives.
November 1, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
November 4, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
November 9, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
November 9,2023	DEFENSE TECHNOLOGY, FIRST DEFENSE .7% MK-46V STREAM OC AEROSOL, #56746V	Discharged by Glendale PD Assaults Detectives and K9 Officers under a bedroom door to de-escalate a felony assault suspect who had barricaded himself.
November 12, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
November 24, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist Americana security with an unplanned protest.
December 2, 2023	DJI, MAVIC 2 ENTERPRISE 2002 FREIGHTLINER MOTORHOME	Used by Glendale PD officers to provide a mobile command post and overwatch during the Montrose Christmas Parade.

**2023 SPECIALIZED EQUIPMENT USE SUMMARY**

<b>Incident Date</b>	<b>Equipment Used</b>	<b>Purpose of Use</b>
December 13, 2023	LENCO MEDCAT	Used by Glendale PD officers for interactive community engagement during the Jingle Bell Ride.
December 14, 2023	LENCO MEDCAT	Used by Glendale PD officers for interactive community engagement during the Jingle Bell Ride.
December 15, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
December 18, 2023	LENCO MEDCAT	Used by Glendale PD officers for interactive community engagement during the Jingle Bell Ride.
December 19, 2023	LENCO MEDCAT	Used by Glendale PD officers for interactive community engagement during the Jingle Bell Ride.
December 20, 2023	DJI, MAVIC 2 ENTERPRISE	Used by Glendale PD officers to assist patrol with a search.
December 21, 2023	DJI, MAVIC 2 ENTERPRISE ICOR MINI-CALIBER SWAT ROBOT LENCO BEARCAT LENCO MEDCAT 2019 FORD TRANSIT 350 HR VAN	Used by Glendale PD officers during a high-risk arrest and search in the City of Pasadena.

## **SUMMARY OF COMPLAINTS REGARDING SPECIALIZED EQUIPMENT USE IN 2023**

The application and use of specialized equipment may cause questions and/or concerns for members of the community. It is vitally important that community members' questions and concerns regarding the application and use of specialized equipment are addressed.

The Glendale Police Department is committed to full and fair investigation of citizen complaints. As such, the Department has sound internal procedures for thorough and impartial investigations of citizen complaints. Resolving complaints in a fair, impartial, and expeditious manner will ensure the consistent high level of integrity and efficiency maintained by the Department.

Any member of the public can register a question, concern, or complaint regarding specialized equipment use either in person or telephonically by contacting the Glendale Police Department's Professional Standards Bureau at (818) 548-3117. Complaints may also be submitted electronically via the Department's website at <https://glendaleca.ciweb.com/pp/#/>

A response to the questions, concerns, or complaints will be completed by the Department in a timely manner.

In 2023, the Glendale Police Department did not receive any complaints regarding the use of specialized equipment.

## **SUMMARY OF VIOLATIONS OF SPECIALIZED EQUIPMENT USE IN 2023**

An internal review revealed no policy violations of Glendale Police Department personnel unlawfully deploying or discharging specialized equipment in 2023.

## FISCAL IMPACT

For Fiscal Year 2023-2024, the Glendale Police Department's Adopted Budget was approximately \$133,184,809, with the majority of the budget allocated to personnel expenses. The budget amount spent on specialized equipment represents only a small fraction of the department's expenses. However, the funds spent on specialized equipment are crucial for providing the necessary resources and materials to ensure the safety of the community and officers. The existing inventory of specialized equipment plays a significant role in enhancing the Department's capabilities and is of great importance from a public safety perspective.

The use of specialized equipment and special tactics are skills that require ongoing training to maintain proficiency. While the Department conducts regular training within its Training Bureau, and specialized units such as SWAT and CNT, participating in external training courses can provide significant tactical insight and an enhanced skillset. These courses offer officers a curriculum and exercises designed to impart knowledge, skills, and enhanced capability. The specific courses attended by officers can vary each year based on operational needs. Funding for training is secured through the General Fund or grants unless otherwise indicated.

FISCAL IMPACT BY EQUIPMENT TYPE			
Equipment Type	Initial Cost / Source Funding (approximate)	Ongoing Cost FY 2023-2024 (approximate)	Projected Cost FY 2024-2025 (approximate)
Unmanned Aircraft Systems	\$121,500 / General Fund \$2,700 / Asset Forfeiture Fund	\$6,100	Cost varies with maintenance
Unmanned Ground Vehicles	\$114,200 / General Fund	\$2,200	Cost varies with maintenance
Armored Personnel Carriers	\$800,000 / General Fund	\$0	Cost varies with maintenance
Mobile Command and Control Vehicles	\$82,000 / General Fund \$303,000 / Fleet Management Fund	\$0	Cost varies with maintenance
Breaching Apparatus, Breaching Shotgun System, and Kinetic Breaching Equipment	\$72,000 / General Fund	\$4,900	\$5,000
Specialized Firearms and Ammunition of Less Than .50 Caliber	\$345,000 / General Fund	\$60,000	\$60,000
Firearm or Firearm Accessory That Is Designed to Launch Explosive Projectiles	\$825 / General Fund	\$0	\$0
Noise-Flash Diversionary Devices	\$5,000 / General Fund	\$4,000	\$4,000
Sting Ball Munitions	\$4,000 / General Fund	\$0	\$0
Chemical Agents and Chemical Agent Delivery Devices	\$31,000 / General Fund	\$5,600	\$5,600
Long-Range Acoustic Devices	\$4,000 / General Fund	\$0	\$0
Kinetic Energy 40mm Weapons and Munitions	\$69,300 / General Fund	\$9,500	N/A*
Pepper Ball Launchers and Pepper Ball Munitions	\$16,000 / General Fund	\$1,000	N/A*

N/A\* - The Department does not plan to acquire more of this equipment unless it is considered necessary due to extenuating circumstances.



## PROJECTED ACQUISITIONS IN 2024

Projected consumable specialized equipment acquisitions for Fiscal Year 2025 (July 2024 - June 2025) 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 specialized equipment acquisitions and ongoing specialized equipment purchases throughout the year. The replenishment schedules for specialized equipment consumables can vary and are dictated by inventory levels that fluctuate as a result of training, operational usage, or manufacturer recommended replacement guidelines.

Projected non-consumable specialized equipment acquisitions for Fiscal Year 2025 are anticipated to be limited at this time. Any unanticipated replacements of existing non-consumable specialized equipment for Fiscal Year will be initiated on a case-by-case basis that is dependent on operational need, operational wear, or end of serviceable lifespan.

### *Projected Acquisitions:*

## MOBILE COMMAND AND CONTROL VEHICLES 2024 FREIGHTLINER M2 BUILT BY LDV

## **CONCLUSION**

The annual Specialized Equipment Use Report demonstrates the Glendale Police Department's commitment to transparency and providing information to our community and elected officials and ensures compliance with the law. The equipment, resources, and training outlined in this report enable Glendale Police Officers to better protect our community, enhance the safety of the public and officers, and bring critical incidents to a safe resolution. We understand that 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 provides our officers with the training, confidence, and capability to confront such situations.

Public safety is and always has been 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 community to collaborate with our officers to address crime in their neighborhoods. This partnership and continued support have helped our officers maintain Glendale as one of the safest cities of its size in the United States.

Our Department is fully committed to protecting and serving our community. The Glendale Police Department prides itself on protecting Glendale, building trust, and maximizing our potential.