



**SAN PABLO POLICE
DEPARTMENT
ANNUAL MILITARY
EQUIPMENT REPORT
FOR 2024**

Table of Contents

Introduction	3
Definitions	4
Summary of Military Equipment	5
Unmanned Aerial Vehicles	5
Nightingale Blackbird-Mobile	5
Nightingale Blackbird-Autonomous	5
Aardvark Tactical LOKI	5
DJI Mavick	5
Command and Control Vehicles	6
General Dynamics Dragoon	6
Dodge Transport Van	7
MTMVR Mobile Command Trailer	8
Specialized Firearms and Ammunition	9
Colt AR-15/M4 Semi-Automatic Rifle	9
Colt AR-15/M4 Automatic Rifle	9
Bushmaster M4 Semi-Automatic Rifle	9
Remington 700 Bolt-Action Rifle	9
Remington 870 Breaching Shotgun	9
Remington 870 Bean Bag Shotgun	9
Penn Arms L140-3 40MM Launcher	9
Penn Arms PGL-65-40 40MM Launcher	9
Defense Technology 40 MM Launcher	9

Winchester 5.56x45mm 55 Grain FMJ.....	9
Winchester .223 Remington 64 Grain Power Point.....	9
Federal .308 Winchester 168 Grain Gold Medal Sierra Matchking	9
Defense Technology Drag Stabilized Bean Bag	9
CTS 4557-40MM Smokeless Sponge Baton.....	9
Flashbang Diversionary Device.....	11
Defense Technology Low Roll 12G Device.....	11
Tear Gas	12
Defense Technology Aardvark 40MM CS Ferret.....	12
Defense Technology Aardvark CS/OC Grenade.....	12
Defense Technology Aardvark Pocket Tactical Grenade.....	12
Defense Technology Aardvark Aerosol OC/CS Grenade.....	12
Defense Technology Aardvark Flameless Tre-Chamber Smoke	12
Defense Technology Aardvark Flameless Expulsion CS Powder	12
January – December 2024 Equipment Use.....	14
Community Concerns and Complaints.....	15
Internal Military Equipment Audit	15
Projected Military Equipment Acquisition (2024).....	17
Conclusion	18

INTRODUCTION

On September 30, 2021, the Governor of the State of California approved Assembly Bill 481 (codified as Chapter 12.8 of the California Government Code) requiring law enforcement agencies such as the San Pablo Police Department to have a military use policy approved by the City Council prior to requesting, seeking funding, acquiring or using military equipment. Assembly Bill 481 allows the governing body to approve the policy within its jurisdiction only if it determines that the military equipment meets specified standards.

On May 2, 2022, the City of San Pablo City Council approved Ordinance 2022-002 approving San Pablo Police Department Policy #709: Military Equipment Funding, Acquisition, and Use. As required by Assembly Bill 481 and the Ordinance, annually the San Pablo Police Department must prepare a report on the use of each type of military equipment approved in the Policy over the last year. Subsequently, the City Council must then review the Ordinance, Policy and Annual Report, and determine whether the Department's use of military equipment in the past year complied with the Policy, and whether to continue the Ordinance and Policy, take action (by ordinance) to modify the Policy or repeal the Ordinance.

As set forth in the Policy, the San Pablo Police Department retains and employs limited military equipment to safeguard its community. SPPD officers, certified instructional staff, and specialized units receive training throughout the year on the use of military equipment approved under the Policy.

This Annual Report outlines the San Pablo Police Department's military equipment inventory and usage, community complaints over use of military equipment, and internal audits from January 1, 2024 through December 31, 2024. The Department will submit its Military Equipment Annual Report to City Council after December 31st of every year in compliance with AB 481.

**ASSEMBLY BILL
AB481**

California Legislative Update



CALIFORNIA REPUBLIC

DEFINITIONS

Definitions of Military Equipment established by California Government Code §7070:
(SPPD utilizes a limited number of the resources listed below)

Military equipment includes but is not limited to the following types of equipment:

- Unmanned, remotely piloted, powered aerial or ground vehicles
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers
- High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached
- Tracked armored vehicles that provide ballistic protection to their occupants
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units
- Weaponized aircraft, vessels, or vehicles of any kind
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram
- Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition
- Specialized firearms and ammunition of less than .50 caliber, including firearms and accessories identified as assault weapons in Penal Code §30510 and Penal Code §30515, with the exception of standard-issue firearms
- Any firearm or firearm accessory that is designed to launch explosive projectiles
- Noise-flash diversionary devices and explosive breaching tools
- Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray
- Taser Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs)
- Kinetic energy weapons and munitions (e.g. 40MM launcher, bean bag shotgun, foam tipped projectiles)
- Any other equipment as determined by a governing body or a state agency to require additional oversight.

SPPD Military Equipment

Unmanned Aerial Vehicles

Description, quantity, capabilities, and purchase cost:

The unmanned Aerial Vehicle (UAV) is a battery powered, remote operated device. Flight time of approximately 30-45 minutes per battery, depending on weather and flight conditions. The UAV has also proven to be useful to public safety agencies in firefighting, search and rescue, pre-operational surveillance, and other tactical situations where aerial views enhance the safety and efficiency of law enforcement and fire personnel.

- Nightingale Blackbird-Mobile UAV, cost \$65,000, quantity: 1.
- Nightingale Blackbird-Autonomous UAV, cost \$50,000, quantity: 1.
- Aardvark Tactical LOKI UAV, cost \$4,000, quantity: 2.
- DJI Mavick UAV, cost \$500, quantity: 1.

Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- Major collision investigations
- Emergency Life Threatening Situations
- Search for missing persons
- Natural disaster management
- Crime scene photography
- SWAT, tactical or other public safety and life preservation missions
- In response to specific requests from local, state or federal fire authorities for fire response and/or prevention

Authorized Use:

Only assigned operators who have completed the required training shall be permitted to operate San Pablo Police Department's UAV's approved missions.

Expected Lifespan:

Nightingale Blackbird-Mobile UAV- 5 years.
Nightingale Blackbird-Autonomous UAV- 5 years.

Aardvark Tactical LOKI UAV- 5 years.

DJI Mavick UAV- 5 years

Fiscal Impact:

Annual maintenance cost of approximately \$0-\$500.

Training:

All Department UAV operators are licensed by the Federal Aviation Administration for UAV operation. UAV operators train monthly in the use of the UAV's.

Legal and Procedural Rules:

Use is established under the FAA Regulation 14 CFR Part 107 and the San Pablo Police Department UAV policy (SPPD policy #613 and #709). It is the policy of SPPD to utilize UAV only for official law enforcement purposes and in a manner that respects the privacy of our community, pursuant to State and Federal law.

Command and Control Vehicles

Description, quantity, capabilities, and purchase cost:

General Dynamics Dragoon 300 AFV, cost: \$150,000, quantity: 1. This armored personnel carrier was obtained from the United States Military through the 1033 Program (via Hercules PD) and retrofitted for law enforcement use. The Dragoon is designed to withstand multiple bullet strikes from small arms fire as well as low level explosions. Equipped with emergency lights/siren and a public address system. Common uses for the Dragoon include citizen and officer rescues, evacuations, and the deployment of officers and chemical agents. The Dragoon is deployed for only SWAT operations by members of the San Pablo Police Department SWAT team. The acquisition of the Dragoon from the Hercules Police Department was approved by City Council on January 21, 2020, Resolution #2020-001.

Purpose:

To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

Authorized Use:

The use of the Dragoon shall only be by authorized members of the San Pablo Police Department SWAT team who have been trained in the use of this vehicle.

Expected Lifespan:

50 years

Fiscal Impact:

Annual maintenance cost of approximately \$1,000

Training:

All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

Legal and Procedural Rules:

Use is established under SPPD policy #706 and #709. It is the policy of this Department to utilize armored vehicles for official law enforcement purposes and pursuant to State and Federal law.

Description, quantity, capabilities, and purchase cost:

2008 Dodge Transport Van, cost: \$30,000, quantity: 1. This vehicle is a large transport van modified to transport SWAT operators to critical incidents. The van is equipped with lights/siren and painted white in color.

Purpose:

To be used in response to critical incidents to transport SWAT operators.

Authorized Use:

The use of the van is limited to trained San Pablo Police Department SWAT team members.

Expected Lifespan:

10 years

Fiscal Impact:

Annual maintenance cost of approximately \$1,000

Training:

All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

Legal and Procedural Rules:

Use is established under SPPD policy #706 and #709. It is the policy of this Department to utilize the transport van for official law enforcement purposes and pursuant to State and Federal law.

Description, quantity, capabilities, and purchase cost:

2007 MTMVR Trailer- custom uplift by Odin Systems, cost: \$28,500, quantity: 1. This trailer is a command vehicle used for tracking/monitoring critical incidents. The trailer is equipped with monitors, computers, dispatch radios and office equipment.

Purpose:

To be used in response to critical incidents.

Authorized Use:

The command trailer shall be used by officers who have been trained in its deployment and use.

Expected Lifespan:

20 years

Fiscal Impact:

Annual maintenance cost of approximately \$1,000

Training:

All driver/operators shall attend a formalized instruction and be trained in vehicle operations and practical driving instruction.

Legal and Procedural Rules:

Use is established under SPPD policy #706 and #709. It is the policy of this Department to utilize the command vehicle for official law enforcement purposes and pursuant to State and Federal Law.

Specialized Firearms and Ammunition

Description, quantity, capabilities, and purchase cost:

Guns that are fired from shoulder level that have a greater accuracy over a long distance.

- Colt AR-15/M4 semi-automatic rifle for patrol use, cost \$28,900, quantity: 34.
- Bushmaster M4 semi-automatic rifle for patrol use, cost \$3,400, quantity: 4.
- Colt AR-15/M4 automatic rifle for SWAT use, cost \$23,940, quantity: 21.
- Remington 700 bolt-action rifle for SWAT use, cost \$1,950, quantity: 2.
- Remington 870 breaching shotgun for SWAT use, cost \$530, quantity: 1.
- Remington 870 bean bag shotgun, cost \$15,900, quantity: 30.
- Penn Arms L140-3 40MM launcher, cost \$1,550, quantity: 2.
- Defense Technology 40MM launcher, cost \$775, quantity: 1
- Penn Arms PGL-65-40 40MM multi-launcher, cost \$2,690, quantity: 1.
- Winchester 5.56x45mm 55 grain FMJ ammunition, cost \$13,429, quantity 26,000 rounds.
- Winchester 223 Remington 64 grain power point ammunition, cost \$952, quantity: 2,200 rounds.
- Federal .308 Winchester 168 grain Gold Medal Sierra Matchking, cost \$2,830, quantity: 2300 rounds
- Defense Technology Drag Stabilized Bean Bag round, \$180, quantity: 14.
- CTS 4557-40MM Smokeless Sponge Baton round, \$3,482, quantity: 200.

Purpose:

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

Authorized Use:

Only members that are POST certified are authorized to use a rifle, bean bag shotgun, breaching shotgun, and 40MM launcher.

Expected Lifespan:

Colt AR-15/M4 rifle- 15 years
Bushmaster M4 rifle- 15 years
Remington 700 rifle- 15 years
Remington breaching shotgun- 15 years
Remington bean bag shotgun- 15 years
Penn Arms L140-3 40MM launcher- 15 years
Defense Technology 40MM launcher- 15 years
Penn Arms PGL-65-40 40MM launcher- 15 years
Winchester 5.56x45mm 55 grain FMJ ammunition- No expiration
Winchester 223 Remington 64 grain power point ammunition- No expiration
Federal .308 Winchester 168 grain Gold Medal Sierra Matchking- No expiration
Defense Technology Drag Stabilized Bean Bag round- No expiration
CTS 4557-40MM Smokeless Sponge Baton round- No expiration

Fiscal Impact:

Annual maintenance is approximately \$50 for each rifle.

Training:

Prior to the use of the specialized firearms listed within this section, all officers must be certified by POST instructors in the maintenance and operation of such firearms.

Legal and Procedural Rules:

Use is established under SPPD policies #300, #308, #312, and #709. It is the policy of this Department to utilize specialized firearms only for official law enforcement purposes and pursuant to State and Federal law regarding the use of force.

Flashbangs Diversionary Device

Description, quantity, capabilities, and purchase cost:

A Noise Flash Diversionary Devices (NFDD) is a device that creates a bright flash and loud sound to temporarily divert the attention of subjects in the immediate area. NFDD are used to distract and temporarily incapacitate dangerous suspects by overwhelming their senses of vision and hearing. The distraction allows officers to seize a moment of opportunity to take control of the high-risk situations.

- Defense Technology Low Roll 12g Non-Reloadable Distraction Device, cost \$510, quantity: 6.

Purpose:

To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6-8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.

Authorized Use:

Diversionary Devices shall only be used:

By SWAT team members who have been trained in their proper use.

In hostage and barricaded subject situations.

In high risk warrant (search/arrest) services where there may be extreme hazards to officers.

During other high-risk situations where their use would enhance officer safety.

During training exercises.

Expected Lifespan:

5 years

Fiscal Impact:

No maintenance costs associated with the storage of this device.

Training:

Prior to use, officers must attend diversionary device training that is conducted by POST certified instructors.

Legal and Procedural Rules:

Use is established under SPPD policy #415 and #709. It is the policy of this Department to utilize diversionary devices only for official law enforcement purposes and pursuant to State and Federal law regarding the use of force.

Tear Gas

Description, quantity, capabilities, and purchase cost:

Chemical agent munitions, which are commonly referred to as “tear gas,” are used by the San Pablo Police Department as a non-lethal tool to disperse rioting suspects and/or barricaded suspects. CS (2-Chlorobenzylidenemalonitrile) and OC (Oleoresin Capsicum) are commonly used by law enforcement agencies across the United States.

CS is an irritating agent and lachrymator (irritates the eyes and causes tears to flow). CS has been medically tested in the UK and US, specifically by the U.S. Army. There are no known allergic reactions to CS. OC was de-regulated in California in 1996, is endorsed by the FBI, and is available to civilians to legally possess (2.5oz or less). OC is an inflammatory agent which causes involuntary closure of eyes (open 2-5 minutes) and respiratory inflammation (subsides in approximately 2 minutes).

- Defense Technology Aardvark 40MM CS Ferret, cost \$594, quantity: 27.
- Defense Technology Aardvark CS/OC Riot Control Grenade, cost \$675, quantity: 14.
- Defense Technology Aardvark Pocket Tactical Grenade, cost \$630, quantity: 27
- Defense Technology Aardvark Aerosol OC/CS Grenade, cost \$583, quantity: 16.
- Defense Technology Aardvark Flameless Tri-Chamber CS Continuous Smoke, cost \$455, quantity: 8.
- Defense Technology Aardvark Flameless Expulsion CS Powder, cost \$271.90, quantity: 5

Purpose:

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include, but are not limited to:

Self-destructive, dangerous and/or combative individuals.

Riot/crowd control and civil unrest incidents.

Circumstances where a tactical advantage can be obtained.

Potentially vicious animals.

Training exercises or approved demonstrations.

Authorized Use:

Only officers who have received POST certification in the use of chemical agents are authorized to use chemical agents.

Expected Lifespan:

Defense Technology Aardvark 40MM CS Ferret- 5 years.
Defense Technology Aardvark CS/OC Riot Control Grenade- 5 years.
Defense Technology Aardvark Pocket Tactical Grenade- 5 years.
Defense Technology Aardvark Aerosol OC/CS Grenade- 5 years.
Defense Technology Aardvark Flameless Expulsion CS- 5 years.
Defense Technology Aardvark Flameless Tri-Chamber CS- 5 years.
Defense Technology Aardvark CS Baffled Grenade- 5 years.

Fiscal Impact:

No maintenance costs associated with the storage of these devices.

Training:

Officers utilizing chemical agent canisters are certified by POST less lethal and chemical agents instructors.

Legal and Procedural Rules:

Use is established under SPPD policy #308 and #709. It is the policy of this Department to utilize chemical agents only for official law enforcement purposes and pursuant to State and Federal law regarding the use of force.

Equipment Training Use and Purchase

2024 Purchases

Military Equipment	Quantity	Cost	Date of Purchase
.308 168gr. Ammo	1,500	\$2,147.27	02/21/2024
5.56mm 55gr. Ammo	8,000	\$3,808.00	02/29/2024
5.56mm 55gr. Ammo	18,000	\$9,621.81	06/05/2024
Drag Stabilizer Ammo	30	\$221.04	07/16/2024
Aardvark CS Canister Gas	40	\$2,898.55	09/18/2024
.308 168gr. Ammo	2,000	\$2,830.02	10/10/2024
**Flashbang Device	36	\$3,303.26	11/20/2024

****Flashbang devices (36) and Aardvark gas (40) have been ordered, but is not currently in PD's inventory****

2024 Training/ Military Equipment Utilized

Training	Military Equipment	Quantity	Date
SWAT Monthly Training	Colt AR-15/M4 .223 Ammo Flashbang Tear Gas	13,800 Rounds 6 Flashbangs 21 Gas Canisters	Monthly 2024
SWAT Marksmen Training	Remington Rifle .308 Ammo	2200 Rounds	Monthly 2024
Officer Training	Colt AR-15/M4 .223/5.56 Ammo Drag Stabilized Ammo	2,600 Rounds 30 Rounds	Dept. Training 2024
Drone Training/ Mission	Nightingale Drone	108 Missions	2024

Community Concerns and Complaints

In some instances, the possession and use of military equipment may cause questions and/or concerns for members of the community. It is vitally important that community members' questions and/or complaints regarding San Pablo Police Department's possession and use of military equipment are addressed.

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

In March of 2022, the San Pablo Police Department published its Military Equipment Funding, Use and Acquisition policy on its website. Community concerns and complaints can be received via the Department's website, in-person at the police department or in the field during police contacts, telephone, emails and social media.

2023 Community Concerns, Complaints & PD Internal Investigations Related to Military Equipment Use

Community Concerns	Community Complaints	PD Internal Investigations
0	0	0

Internal Inventory & Audit (SPPD Military Equipment)

Per San Pablo Police Department policy 709.3 (c), the Department's military equipment coordinator, designated as the Operations Division Captain, is required to complete an internal inventory of all military equipment within the possession of the Department (at least once annually).

During the calendar year 2024, one (1) internal inventory of the Department's military equipment were completed. The inventory was completed on November 20, 2024, which identified all of the Department's military equipment in preparation to fulfill the obligations set by Assembly Bill 481. Staff focused on current military equipment inventory and projected the military equipment needs for 2025 (see Projected Military Equipment Acquisition for further information). The Department did not add any new military

equipment to its inventory since that time. All current military equipment inventory was found to be in good shape and working order.

An audit of the use of military equipment was completed on December 19, 2024 by the Operations Division Captain. This audit focused on the use of military equipment during critical incidents involving Department personnel. The audit confirmed that Department personnel were found to be in compliance with Policy #709 in the use of military equipment.

2024 Critical Incident/ Military Equipment Utilized

Case #	Date	Equipment Used	Reason
23-1565	04/15/2024	Dragoon Drone 2 Flashbangs	<u>SWAT Call Out</u> , Attempt Homicide Suspect, 2800 block of 13 th Street San Pablo, CA
24- 0108	04/15/2024	Drone 2 Flashbangs	<u>SWAT Call Out</u> , Robbery Suspect, 2000 block of Fourth Street Berkeley, CA
24- 0752	04/18/2024	Dragoon Drone 1 Flashbang	<u>SWAT Call Out</u> , Robbery Suspect, 2500 block of Industrial Blvd. Hayward, CA
24- 3272	09/12/2024	Dragoon Drone 2 Flashbangs	<u>SWAT Call Out</u> , Felony Suspects, 1400 block of Chanslor Way Richmond, CA
24-3622	10/09/2024	5 Bean Bag Rounds	<u>Subject w/ Knife</u> , 2500 block of San Pablo Damn Road San Pablo, CA

Projected Military Equipment Acquisition (2025)

For 2025 (January- December), the San Pablo Police Department projects the purchase of ammunition to replenish inventory due to training use. The estimated purchase price of this equipment is approximately \$10,000.00. The operating costs of this equipment, which includes acquisition, personnel time, training facilities, transportation/storage of equipment, equipment upgrades and other ongoing costs is budgeted within the Department's approved operating budget.

Military Equipment	Projected Purchase Amount	Projected Purchase Price
Winchester .223 5.56x45MM 55GR FMJ Ammunition	20,000 Rounds	\$9,520.00
308 Winchester 168GR Match Ammunition	500 Rounds	\$629.00

Conclusion

This Annual Military Equipment Report reaffirms the San Pablo Police Department's commitment to providing transparency and information to our communities and elected officials in addition to ensuring compliance with California State law. The equipment, resources, and training outlined in this report allow San Pablo Police Officers to better serve and protect San Pablo, enhance the safety of officers, and bring critical incidents to a safe resolution.

#WeAreSanPablo