



Annual Military Equipment Report

Jan. 1, 2024 – Dec. 31, 2024

Richmond Police Department

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INTRODUCTION

The Richmond Police Department maintains and deploys a wide variety of military equipment to assist in safely achieving the furtherance of its mission statement to “prevent crime and maintain order. We work in partnership with our diverse community to help solve neighborhood problems, address root causes of crime and improve the quality of life in Richmond. We strive to perform in a manner that promotes public trust, confidence and a sense of safety and security.” While the inventory of military equipment is varied, the mere possession of the equipment does not warrant its use for every incident.

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

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

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

This annual report outlines a summary of military equipment usage guidelines, inventory, fiscal impact, complaints, and reported concerns from Jan. 1, 2024 through December 31, 2024.



DEFINITIONS

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

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

"Military equipment" means the following:

1. **(UAS)** Unmanned, remotely piloted, powered aerial or ground vehicles. This definition applies to the Department's inventory of small Unmanned Aircraft Systems (sUAS) and SWAT robots.
2. Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers. **(Not applicable to the Richmond Police Department)**
3. High mobility multipurpose wheeled vehicles (HMMWV), 2 ½, ton trucks, five-ton trucks, or wheeled vehicles that have breaching or entry apparatus attached. **(Not applicable to the Richmond Police Department)**
4. Tracked armored vehicles that provide ballistic protection to their occupants **(Not applicable to the Richmond Police Department)**
5. **(Mobile Command Center)** Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units. (Mobile Command Vehicle)
6. Weaponized aircraft, vessels, or vehicles of any kind. **(Not applicable to the Richmond Police Department)**
7. **(Breaching Shotguns)** 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. **(Not applicable to the Richmond Police Department)**
9. **(Patrol Rifles)** 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 exception of standard-issue firearms.
10. Any firearm or firearm accessory that is designed to launch explosive projectiles. **(Not applicable to the Richmond Police Department)**
11. **(Flash-bangs)** Noise-flash diversionary devices and explosive breaching tools.
12. **(Chemical Agents)** Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray.
13. Taser Shockwave, microwave weapons, water cannons, and long range acoustic devices also known as LRADs. **(Not applicable to the Richmond Police Department)**
14. Kinetic energy weapons and munitions to include 40mm launcher, bean bag shotgun,



foam-tipped projectiles.

15. Any other equipment as determined by a governing body (Richmond City Council) or a state agency to require additional oversight. **(Not applicable to the Richmond Police Department)**

“Military Equipment Use Policy” refers to the Richmond Police Department’s Military Equipment Use Policy (PM 707) and means a publicly released, written document governing the use of military equipment by the Department that addresses, at a minimum, all of the following:

1. A description of each type of military equipment, the quantity sought, its capabilities, expected lifespan, and product descriptions from the manufacturer of the military equipment.
2. The purposes and authorized uses for which the Department proposes to use each type of military equipment.
3. The fiscal impact of each type of military equipment, including the initial costs of obtaining the equipment and estimated annual costs of maintaining the equipment.
4. The legal and procedural rules that govern each authorized use.
5. The training, including any course required by the Commission on Peace Officer Standards and Training, that must be completed before any sworn member is allowed to use each specific type of military equipment to ensure the full protection of the public’s welfare, safety, civil rights, and civil liberties and full adherence to the military equipment use policy.
6. The mechanisms to ensure compliance with the military equipment use policy, including which independent persons or entities have oversight authority, and, if applicable, what legally enforceable sanctions are put in place for violations of the policy.
7. The procedures by which members of the public may register complaints or concerns or submit questions about the use of each specific type of military equipment, and how the Department will ensure that each complaint, concern, or question receives a response in a timely manner.



EQUIPMENT INVENTORY BY TYPE

Note: The inventory of certain items of consumable military equipment (e.g. ammunition, diversionary devices, chemical agents, etc.) frequently fluctuates throughout the year due to operational usage, training, operational wear, or manufacturer recommended replacement guidelines. While the Richmond Police Department strives to provide accuracy in its inventory reporting, this report reflects approximations of certain consumable items of military equipment. Quantities listed are ending quantities from the reporting period of January 1, 2024 through December 31, 2024.

Unmanned Aerial Systems (UAS / Drones)	
Equipment Name and Model	Quantity
DJI Avata	3
DJI Mini 2	2
DJI Mavic Enterprise DUAL	2
DJI Mavic 2 Enterprise Advanced	1

Tactical Robot	
Equipment Name and Model	Quantity
Recon Robotics	1

Mobile Command Center (MCC)	
Equipment Name and Model	Quantity
2013 EVI Spartan Mobile Command Center	1

Breaching Shotguns	
Equipment Name and Model	Quantity
Remington 870 Police Magnum Shotgun	4

Shotgun Breaching Munitions	
Equipment Name and Model	Quantity
TESAR-2 / Model FE183	150 Rounds
TESAR - 1 / Model FE182	175 Rounds



Rifles	
Equipment Name and Model	Quantity
COLT M4 Carbine 5.56mm	50
COLT M16 A2E 5.56mm (SWAT Only)	13
COLT Commando 5.56mm (SWAT Only)	2
DPMS M-160 (SWAT Only)	5
COLT M16 A2 (SWAT Only)	2
COLT AR-15 Match Target Competition Rifle	8
SIG SAUER MCX Rifle 5.56mm (Traffic Unit)	2

Rifle Ammunition	
Equipment Name and Model	Quantity
Gold Dot Soft Point 62 grain .223	10,000 Rounds
FMJ 55 grain .223	40,000 Rounds
Federal Tactical Tru 168 grain .308	2,500 Rounds
Federal Tactical Bonded Tip 168 grain .308	2,500 Rounds

Diversionary Devices (Flash Bangs)	
Equipment Name and Model	Quantity
Defense Technology Model #8933	120

Chemical Agents and Smoke Canisters	
Equipment Name and Model	Quantity
Defense Tech SPEDE-HEAT - Pyro Burning CS Gas #1072	10 Canisters
Defense Tech HAN-BALL - Pyro Burning CS Gas #1092	20 Canisters
Defense Tech Flameless Tri-Chamber - Pyro Internal CS Gas #1032	10 Canisters
CTS Indoor 5230 B - Pyro Indoor Safe CS Gas #5230B	50 Canisters
Defense Tech Aerosol Vapor - Non-Pyro OC Gas #1056	25 Canister
Defense Tech Maximum Smoke - Pyro High Volume #1083	10 Canisters
CTS 40mm Liquid Ferret Rounds - Non-Pyro CS gas Launchable Munition #4330	100 Rounds
Defense Tech 40mm Direct Impact OC - Direct Impact OC Gas #6320	100 Rounds
Pepperball Live Projectiles .2% PAVA	375 Rounds



40mm Launchers and Munitions	
Equipment Name and Model	Quantity
Penn Arms 40mm, 6-cylinder Pump Multi-Launcher	3
Penn Arms 40mm, single-shot launcher	7
Defense Tech 40mm Exact Impact Sponge Round #6325	100
Defense Tech 40mm Exact Impact (Marking) #6325-A	50
Federal Laboratories 37mm (Decommissioned)	2

Less Lethal Shotguns and Rounds	
Equipment Name and Model	Quantity
Remington Model 870, 12-gauge Shotgun	17
CTS 12-gauge Bean Bag Super-sock	500 Rounds

Chemical Shotgun	
Equipment Name and Model	Quantity
Remington Model 870, 12-gauge Shotgun	2

Less Lethal Launcher	
Equipment Name and Model	Quantity
FN 303	4



MILITARY EQUIPMENT USE SUMMARY

This section outlines the military equipment Usage for **January 1, 2024 - December 31, 2024** by the Richmond Police Department. Certain items of military equipment, particularly consumables (ammunition, diversionary devices, chemical agents, etc.) are used throughout the year on a regular basis for training in order to maintain proficiency. Training usage is NOT captured in this section. This section ONLY provides data for the OPERATIONAL USE of military equipment listed within this annual report. The mere possession of the equipment does not warrant its use for every incident.

1. UNMANNED AERIAL SYSTEMS (UAS / DRONES)

- Collect aerial photographic and video evidence in support of an investigation (e.g., crime scene documentation of shootings, homicides, officer-involved shootings).
- Support SWAT and patrol during high-risk, tactical, or other public safety life-preservation missions (e.g., interior visual assessments of structures or outdoor areas to gain intelligence prior to officers entering a dwelling or contacting a potentially armed, or resistive subject that may be hiding).
- Conduct overwatch and intelligence gathering for investigative, specialty units, and SRT during critical incidents and investigations.
- Assisting patrol with establishing overwatch during perimeter searches.

2. TACTICAL ROBOT

- Small Unmanned Tracked Robots are to be used exclusively by the SWAT unit during high risk operations.

3. ARMORED PERSONNEL CARRIER (RESCUE VEHICLE)

- Support SWAT during critical incidents and pre-planned operations by providing greater safety to community members and officers.
- Higher degree of ballistic protection during high-risk operations.
- The use of a rescue vehicle is extremely vital to ensure the communities safety and ensure mission success.

4. MOBILE COMMAND CENTER

- Serves as a command post for critical incidents during complex events.
- Special Events (RPD Connect, Cinco De Mayo, Juneteenth).
- DUI Checkpoint command post.

5. BREACHING SHOTGUN

- SWAT Team operations for High Risk warrant services.

6. LESS LETHAL SHOTGUNS AND MUNITIONS

- Confront armed person and the tactical circumstances allow for the safe application of approved munitions.



7. DIVERSIONARY DEVICES

- To facilitate high-risk entries during warrant services, enabling arrest and reducing the risk of injury by disorientation of potentially dangerous suspects and/or animals.
- Used as a distraction device during all incidents.

8. RIFLES AND AMMUNITION

- There is an objectively reasonable anticipation of an armed encounter.
- Used in accordance with California Penal Code § 835 and RPD PM 300.3.2.

9. CHEMICAL AGENTS AND SMOKE CANISTERS

- Compounds, devices, and delivery systems utilized by the RPD SRT team members. The deployment of chemical agents is a tactical option that may be selected with the goal of protecting life and property and/or restoration of order per AB 48.

10. 40mm LAUNCHERS AND MUNITIONS

- Encountering an armed person with a weapon and the tactical circumstances allow for the safe application.
- There is probable cause to believe that the person has already committed a crime of violence and is refusing to comply with lawful orders.

11. PEPPERBALL LAUNCHERS AND PROJECTILES

- Decommissioned



The following is the data for military equipment usage by category for this reporting period:

Use Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Armored Personnel Carrier	0	2	0	0	1	0	0	2	1	0	0	0	6
Breaching Shotgun	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Agents	0	1	0	0	0	0	1	7	0	0	0	4	13
Diversionsary Devices	0	4	0	0	8	0	0	6	0	0	0	0	18
Less Lethal Impact Devices & Kinetic Energy Projectiles	1	1	0	0	0	0	0	0	0	0	0	3	5
Mobile Command Center	0	0	0	1	0	0	0	1	0	0	0	0	2
Patrol Rifles and Ammunition	0	0	0	0	0	0	0	0	0	0	0	0	0
Tactical Robot	0	0	0	0	0	0	0	0	0	0	0	0	0
Unmanned Aerial System	4	6	2	4	11	1	1	6	13	4	2	5	59
Total	5	14	2	5	20	1	2	22	14	4	2	12	103

Monthly Incident Summary Logs can be viewed at the following link:

<https://www.ci.richmond.ca.us/4706/Military-Equipment-Use-Statistics>



PROJECTED ACQUISITIONS FOR 2025

While some purchases and acquisitions can be anticipated, the unanticipated replacement of existing AB 481 equipment may be necessary due to damage beyond that of repair. Replacement of these items will be handled on a case-by-case basis dependent on operational and departmental need. These unexpected needs-based acquisitions will be in accordance with department policy and AB 481.

CONSUMABLE MILITARY EQUIPMENT

Consumable AB 481 military equipment acquisitions in the next 12-months will remain consistent with current department replenishment schedules and policies. Acquisitions and purchasing of these consumables will replenish quantities previously approved by the department.

Categories of consumables are as follows:

- Ammunition- all calibers
- Diversionary Devices
- Chemical Agents and Smoke Canisters
- Specialty Munitions (40mm and Less Lethal Munitions)
- Kinetic Energy Rounds

Non-consumable are as follows:

- Multipurpose Response & Rescue Vehicle
 - As the SWAT team is responsible for responding to all incidents that exceed the capability of patrol within our jurisdiction, including terrorist attacks, hostage situations, and mass shooting incidents, we hereby request permission to seek funding to purchase a tactical multipurpose Response and Rescue Vehicle.
 - Projected funding source: State/Federal Grants, Asset Seizure, General Fund
- Requests the borrowing of a Ballistic Armored Tactical Transport vehicle) from the Department of East Bay Regional Parks Police Department for use with the clear understanding that such equipment will be solely used by the Richmond SWAT team for high-risk tactical situations (high-risk warrant services or critical incidents such as hostage rescues, active shooters, barricaded shooters) to preserve life and protect the community members of Richmond.
- Daniel Defense Rifle Replacement Upper Receivers for SWAT Rifles (QTY 20)
 - Projected funding source: Budgeted for FY2024-25
- Penn Arms 40mm Single Shot Launcher (QTY 10)
 - Projected funding source: Budgeted for FY2024-25



SUMMARY OF COMPLAINTS / CONCERNS

The Richmond Police Department is committed to responding to complaints, concerns and/or questions received in a timely manner. During this reporting period, there were **0** formal complaints. The Richmond Police Department did not have any policy violations with the deployment or use of military equipment.

Pursuant to California Government Code §7070(d)(7), members of the public may register complaints or concerns or submit questions about the use of each specific type of military equipment in this policy by any of the following means:

1. Via email to: AB481@Richmondpd.net
2. Via phone call to: 510-620-6675
3. Via mail sent to: Richmond Police Department, 1701 Regatta Blvd, Richmond, CA, 94801

Officer-Involved Shootings (OIS) and Discharge of Military Equipment Firearm:

There were no OIS incidents during this reporting period that involved the use of military equipment.



FISCAL IMPACT

The Richmond Police Department is budgeted for 145 sworn officers and 67 professional staff members. The proposed operating budget for the police department for the FY 2024 was \$77,662,890. The chart below reflects the Richmond Police Department’s cost for Military Equipment during this reporting period.

The following were the equipment related expenditures for January 1, 2024 to December 31, 2024. Also listed is the total costs for the equipment listed. Equipment expenditures include the acquisition of new equipment, the replacement or repair of damaged equipment, and the ongoing maintenance of our AB 481 military equipment which are captured in our Annual Maintenance/Replacement column.

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	Equipment	Quantity	Acquisitions	Annual Maintenance / Replacement Cost	Total Cost
1.	UAS	5	\$ 189.50	\$ -	\$ 189.50
2.	Mobile Command Center	0	\$ -	\$ -	\$ -
3.	Tactical Robot	0	\$ -	\$ -	\$ -
4.	Breaching Shotguns	2	\$ 550.00	\$ -	\$ 550.00
5.	Breaching Rounds	125	\$ 775 .00	\$ -	\$ 775.00
6.	Rifles	2	\$ 6,789.14	\$ -	\$ 6,789.14
7.	Rifle Ammunition	1,465	\$ 19,908.94	\$ -	\$ 19,908.48
8.	Diversion Devices	200	\$ 17,422.82	\$ -	\$ 17,422.82
9.	Chemical Agents	274	\$ 7,766.24	\$ -	\$ 7,766.24
10.	Beanbag Shotgun	0	\$ -	\$ -	\$ -
11.	Beanbag Rounds	310	\$2,499.63		\$ 2,499.63
12.	Direct Impact munitions	100	\$ 2,864.13	\$ -	\$ 2,864.13
13.	Direct Impact Launchers	0	\$ -	\$ -	\$ -
Grand Total					58,764.94



TRAINING COST

The safe and proficient use of the equipment outlined by AB 481 requires initial and on-going training as well as required certifications. Most training for department personnel is conducted internally by department personnel to ensure adherence to law and policy. There are times when department personnel are sent to required external training courses and to enhance/supplement internal trainings as well as to obtain train the trainer certifications.

Consumable and non-consumable equipment are used during training to ensure proficiency and competency during real-life emergencies. Funding sources for all internal and external training are reflected in the Richmond Police Department’s operations budget. Budget information is available at the following link: <https://www.ci.richmond.ca.us/183/Budget-Documents>

A table compiling the applicable training for 2024 is listed below:

Course Name	No. of Attendees	Course Location	Registration Cost	Other Costs	Total
Chemical Agents Instructor Course	2	San Diego, CA	\$3,762.00	\$4,312.15	\$8,074.15
Basic SWAT	3	McClellan Park, CA	\$3,000.00	\$7,578.16	\$10,578.16
Basic SWAT	1	Dublin, CA	\$1,030.00	\$2,040.00	\$3,070.00
UAS Basic Pilot Course	1	Fairfield, CA	\$1,199.00	\$155.00	\$1,354.00
UAS Managers Course & UAS Crowd Management	1	Fountain Valley, CA	\$350.00	\$1,420.44	\$1,770.44
Basic Pilots Course	1	Pittsburg, CA	\$1,234.85	\$276.00	\$1,510.85
Basic Pilots Course	2	Oakley, CA	\$2,398.00	\$552.00	\$2,950.00
Less Lethal ICP Instructor	1	Olympia, WA	\$995.00	\$2,010.92	\$3,005.92
Grand Total	12	-	-	-	\$32,313.52



CONCLUSION

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

Public safety is and always has remained a shared responsibility. The strength of our Department is structured with the willingness of our communities to work in partnership with our officers to address crime in their neighborhoods. This shared partnership with the community and continued support has helped the COR be an example of community policing to not only the Bay Area, but to the entire Nation.

Since our founding in August of 1905, the Richmond Police Department has stood watch and protected our community with Pride & Purpose. Every day, first responders put their own lives on the line to ensure the community's safety. It is vital that the City of Richmond ensures that our First Responders have the necessary tools, equipment, and training to protect the community they have sworn to serve.

Understanding law enforcement is a partnership between the police and community, we will continue to serve and do all we can to guard against harmful actions of a few individuals. The Richmond Police Department is proud to work in partnership with our diverse community to help solve problems, address root causes of crime and improve the quality of life in Richmond.

For more information on RPD Military Equipment visit:

<https://www.ci.richmond.ca.us/4248/Assembly-Bill-AB-481---Military-Equipmen>