



Redwood City Police
Department
2025
Annual Military Equipment Use Report

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Background

The Redwood City Police Department (RCPD) is committed to a culture of transparency, community engagement and cooperation, accountability, and compliance with the law, with a focus on building public trust. To this end, the Department has published this Military Equipment Use Report in accordance with state law. Reporting requirements for police use of Military Equipment are governed by California Government Code sections 7070, 7071, and 7072, which codify the requirements for reporting law enforcement's acquisition, use, and funding of "military equipment." The Legislature's stated purpose in enacting these code sections is to give the public information regarding any funding, acquisition, or use of military equipment by state or local government officials to increase transparency, accountability, and oversight. The same applies to the public's right to participate in any government agency's decision to fund, acquire, or use such equipment. State law requires law enforcement agencies that seek to continue the use of military equipment acquired prior to January 1, 2022, to receive annual approval from their governing body, in our case the Redwood City City Council. Council last approved Redwood City Police Department Policy 703 – Military Equipment and the Military Equipment Inventory by ordinance (2553) on Oct 27, 2025. This document serves as a Military Equipment report covering the period from Jan 1st, 2025 to December 31st, 2025. The policy and inventory list are located on the Redwood City Police Department's website at:

<https://www.redwoodcity.org/departments/police-department/about-us/departments-policies/police-department-policy-proposals/>

California Government Code § 7072 requires law enforcement agencies to annually prepare, a Military Equipment Report. The report is required to contain the following information:

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



Definitions

Pursuant to Government Code §7070, the following definitions are applicable to the Department's military equipment inventory:

Governing Body – The elected or appointed body that oversees the Department

Military Equipment – Includes, but is not limited, to 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 and utilize a tracked system instead of wheels for forward motion;
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 assault weapons as defined in Sections 30510 and 30515 of the Penal Code, except for standard issue service weapons and ammunition of less than .50 caliber that are issued to officers, agents, or employees of a law enforcement agency or state;
10. Any firearm or firearm accessory that is designed to launch explosive projectiles;
11. "Flashbang" grenades and explosive breaching tools, "tear gas," and "pepper balls," excluding standard, service-issued handheld pepper spray;
12. 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 (LRADs);
14. The following projectile launch platforms and their associated munitions: 40mm projectile launchers, "bean bag," rubber bullet, and specialty impact munition (SIM) weapons;
15. Any other equipment as determined by a governing body or a state agency to require additional oversight.



Equipment Overview

The Redwood City Police Department does not own any equipment received from any branch of the military or Department of Defense and does not participate in the Law Enforcement Support Officer (LESO) 10-33 program. The term “military equipment,” as used in the statute, in fact does not necessarily indicate equipment that has been commonly used by the military or was necessarily designed for a military purpose. Pursuant to 7070(c), items deemed to be “military equipment” include, but are not limited to: unmanned aerial or ground vehicles, armored vehicles, command and control vehicles, pepper balls and launchers, less lethal shotguns, less lethal 40mm projectile launchers, chemical irritants (CS gas) and diversionary devices. With the exception of patrol rifles, the less lethal 40mm launchers firing sponge baton rounds, and the Tahoe command and control vehicle, RCPD’s military equipment is used exclusively by members of the Redwood City Special Response Team (SRT) in controlled operations under close command staff supervisor and subject to strict use of force and de-escalation policies. The full military equipment inventory list can be found on the Department’s web page using the link referenced above.

The Department is authorized to deploy the following types of equipment described in the statutorily defined categories. These include:

[Agency Owned Equipment and Equipment Authorized to Use \(Owned by other Public Safety Agencies\)](#)

1. Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in Sections 30510 and 30515 of the Penal Code
 - 4 Colt LE6945 semi-automatic 5.56mm rifles
 - 15 Colt M4 select fire 5.56mm rifles
 - 23 H&K MP5 select fire 9mm submachine guns
 - 88 semi-automatic 5.56mm patrol rifles, various makes and models (75 Colt LE6920, 9 Daniel Defense DCM4, 1 LWRC M6IC, 1 Noveske N4, 1 BCM BCM4, 1 S&W MP15).
 - 2 Accuracy International bolt action .308 Caliber precision rifles
 - 1 Remington bolt action .308 Caliber precision rifle
2. Mobile Command Vehicles (MCV)
 - 1 Workhorse / Mattman Truck – Equipment Transport
 - 1 2015 Chevy Tahoe Command Vehicle



3. Battering rams, slugs, and breaching apparatuses that are explosive in nature
 - 1 Remington 870 12 Gauge Breaching Shotgun
 - 1 Kinetic Breaching Tool (KBT)
4. Noise-flash (“flashbang”) diversionary devices
 - 26 Defense Technology Low Roll Distraction Devices
 - 19 Expired Defense Technology Low Roll Distraction Devices – training only
5. Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray
 - 10 Defense Technology Flameless Tri-Chamber CS Model 1032 Grenades
 - 4 Defense Technology Spede Heat CS Model 1072 Grenades
 - 5 Defense Technology Triple-Chased CS Model 1026 Grenades
 - 10 Defense Technology Riot Control CS Model 1092 Grenades
 - 10 Defense Technology Feret 40mm Liquid Penetrator Rounds CS Model 2262
 - 10 Defense Technology Muzzle Blast 40mm Rounds CS Model 6042
 - 5 FTC/VKS Model Pepperball Launchers and pepperball munitions
6. Unmanned, remotely piloted, powered ground vehicles
 - 4 RoboteX Avatar Tactical Robots
7. Kinetic energy weapons and munitions
 - 36 Defense Technology 40LMTS 40mm Launchers
 - 2 Remington 870 Less Lethal Bean Bag Shotguns
 - 5 Defense Technology 400 Tactical 4-Shot Launchers
8. Long Range Acoustical Device (LRAD)
 - 1 HyperSpike Long Range Acoustical Device
9. Armored Personnel Carriers
 - Lenco Bearcat Armored Rescue Vehicle – operated by Redwood City PD
 - Lenco Bearcat G3 Armored Rescue Vehicle - operated by San Mateo County Sheriff’s Office (SMCSO)
 - Lenco Bear MARS Armored Rescue Vehicle – operated by Daly City PD



- Lenco Bear Medevac (MedCat) Armored Medical Transport – owned by San Mateo County Bureau of Emergency Services
- IAG Sentinel Armored Rescue Vehicle - owned by San Mateo County Bureau of Emergency Services, operated by San Mateo PD.

10. Unmanned, remotely piloted, powered aerial vehicles

- DJI Matrice 300 RTK Drone – operated by SMCSO and RCFD
- Mavic II Enterprise Dual/Advanced Drone – operated by SMCSO and San Mateo PD
- DJI Mini 3 – operated by SMCSO
- DJI Phantom 4 – operated by RCFD
- DJI AIRS2 – operated by RCFD
- Mavic II Enterprise Dual/Advanced Drone – operated by RCFD
- Matrice 210 – operated by Daly City PD and San Mateo PD
- Sky Hero Loki MKII – operated by San Mateo PD
- Paladin EXT – operated by Atherton PD
- 4 Skydio X10 (Patrol-Led) – operated by Redwood City PD
- 1 Skydio X10 and Dock (Drone First Responder) – operated by Redwood City PD
- 4 DJI Avata 2 – operated by Redwood City PD
- 2DJI Neo – operated by Redwood City PD
- 2 DJI Mini 4 Pro – operated by Redwood City PD

11. Mobile Command Vehicles

- San Mateo County Sheriff's Office Mobile Command Vehicle



Military Equipment Usage

SRT Team Activation- Warrant Service

March 13, 2025

1500 Block Kavanaugh Drive, East Palo Alto

1100 Block East Hillsdale Boulevard, Foster City

Suspect: Hispanic Male, 21 years old

The Redwood City Police Department investigated an armed robbery which occurred in Redwood City on 10/16/2024. Three juveniles were shot at by the suspect with a handgun, and their jewelry was stolen from them. One juvenile suffered visible injuries from being struck in the face by the handgun.

Redwood City PD Detectives identified the suspect and the RCPD SRT team was tasked with serving the warrant. The suspect associated to the warrant was taken into custody at his place of work located 1100 Block East Hillsdale Boulevard, Foster City due to his violent history. A high-risk vehicle stop was conducted where the suspect was taken into custody.

Upon the suspect's arrest, Redwood City PD SRT responded to his residence which he shared with other suspects from the investigation, 1500 Block Kavanaugh Drive in East Palo Alto and a search warrant was executed.

SRT Team deployed with:

- M4/ MP5-9mm/5.56 (present not used)
- 40mm launcher (present not used)
- NFD(Flash bang)- 2 used
- Pepper ball gun (present not used)
- HyperSpike (Used for announcements)
- ARV (Used for cover)



SRT Team Activation- Executive Protection Detail

May 16, 2025

Town of Atherton

The SRT provided support for an executive protection detail for Vice President Vance during an event held at a private residence in Atherton.

SRT Team deployed with:

- 40mm less lethal (present not used)
- NFDD – (present not used)
- M4 Rifles (present not used)
- Kinetic Breaching Tool (present not used)

Patrol Division - Officer Involved Shooting

November 11, 2025

200 Block Hazel Avenue, Redwood City

Suspect: Hispanic Male, 48 years old

The Redwood City Police Department received a 911 call reporting that a male subject had discharged a firearm into the sidewalk before fleeing on foot in the area of the 200 block of Hazel Avenue. Officers responded to the area and established a perimeter. Utilizing an Unmanned Aerial System (UAS), officers were able to locate the suspect nearby. A contact team equipped with both lethal and less-lethal options was formed and approached the suspect to make contact. As officers attempted to communicate with the suspect, he retrieved a firearm from his person and pointed it toward the officers. Less lethal and lethal munitions were fired. The suspect was struck, subdued, and immediately provided medical aid by officers at the scene. He was transported to a nearby hospital for treatment of gunshot wounds and was ultimately pronounced deceased.

Equipment used:

- Drone - RCPD
- 3 Rifles
- 40mm less lethal
- Defense Tech 400 Tactical 4-Shot Multi launcher (present not used)



Patrol Division – ARV Deployment

December 16, 2025

2200 Block Avy Avenue, Menlo Park

Menlo Park Police Department requested assistance from the Redwood City Police Department for a subject sitting inside a vehicle with a firearm on his lap. A tactical plan was developed to utilize the department's ARV equipped with a boom attachment and ram extension to breach the rear window to gain a clearer view inside the vehicle. Verbal commands were issued, no response. The boom attachment was used to successfully break and rake out the rear window. Officers approached the vehicle and confirmed the subject was deceased. A loaded firearm was located on the subject's lap.

Equipment used:

- ARV

Patrol Division – ARV Deployment

December 25, 2025

Douglas Ct/East Bayshore Road, Redwood City

Suspect: Hispanic Male, 26 years old

Officers located a vehicle that fled a day prior for vehicle code violations. With assistance from the drone, officers observed a woman remove a rifle from the vehicle and point it down the street in different directions. Patrol officers arrived on scene and the driver of the suspect vehicle fled. Officers utilized the ARV to safely approach and detain the involved subjects. The rifle was later determined to be a pellet gun.

Equipment used:

- Drone - RCPD
- ARV



Summary of SRT activation since 2022:

Year	Total Activations	Location	Force Used	Arrest Made	Circumstances
2022	1	Adams St, RWC	No	Yes	Criminal Barricade
2023	5	E. Bayshore Rd, EPA	No	Yes	SRT Warrant Service
		Madison Av, RWC	Yes	Yes	Criminal Barricade
		Waterside Cir, RWC	Yes	Yes	Criminal Barricade
		Laurel St, RWC	No	Yes	SRT Warrant Service
		Coleman Pl, Menlo Park	No	Yes	Criminal Barricade
2024	4	Capitol Av, EPA	Yes	No	SRT Warrant Service
		Carlton Av, Menlo Park	No	Yes	SRT Warrant Service
		Marlborough Av, RWC	No	Yes	SRT Warrant Service
		E. Bayshore Rd, EPA	No	Yes	SRT Warrant Service
2025	2	Kavanaugh Dr, EPA/ Hillsdale Blvd, FC	No	Yes	SRT Warrant Service
		Town of Atherton	No	No	Executive Detail

40MM Sponge Rounds used during this reporting period

During the 2025 reporting period, a total of six (6) 40mm sponge rounds were deployed. These rounds were discharged during four separate patrol incidents: one round was fired in each of three incidents, and three rounds were fired during a fourth incident.

The individuals involved in these incidents were three Hispanic males, ages 34, 48, and 52, and one White male, age 45.

Use of force reports were completed for each of the four patrol incidents. Following supervisory review, all deployments were determined to be consistent with applicable law and departmental policy.

Equipment Not Used During the Reporting Period

1. Chemical Agent Munitions

- Defense Technology Flameless Tri-Chamber CS Model 1032 Grenades - **0** Uses
- Defense Technology Spede Heat CS Model 1072 Grenades – **0** Uses
- Defense Technology Triple-Chased CS Model 1026 Grenades – **0** Uses
- Defense Technology Riot Control CS Model 1092 Grenades - **0** Uses
- Defense Technology Feret 40mm Liquid Penetrator Rounds CS Model 2262 - **0** Uses
- Defense Technology Muzzle Blast 40mm Rounds CS Model 6042 – **0** Uses



2. Kinetic Weapons

- 5 FTC/FKS Model Pepperball Launcher – **0** Uses
- Remington 870 Less Lethal Bean Bag Shotgun – **0** Uses

3. Breaching Apparatus

- Remington 870 12 Gauge Breaching Shotgun – **0** Uses
- Kinetic Breaching Tool – **0** Uses

4. Specialized Firearms

- H&K MP5 select fire 9mm rifles – **0** Uses
- Accuracy International bolt action .308 Caliber precision rifle – **0** Uses
- Remington bolt action .308 Caliber precision rifle – **0** Uses

5. Unmanned, remotely piloted, powered ground vehicles.

- RoboteX Avatar Tactical Robot – **0** Uses

6. Armored Vehicles with Breaching Capability

- Lenco Bear MARS Armored Rescue Vehicle – **0** Uses



Summary of Community Complaints or Concerns

The application and use of Military Equipment may cause questions and/or concerns for members of the community. The Redwood City Police Department is committed to responding to complaints, concerns and/or questions received through any of the below-listed methods in a timely manner.

There were no community complaints made related to the use of military equipment by the Redwood City Police Department during the reporting period.

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: RCPD@redwoodcity.org
2. Via phone call to: (650) 780-7100
3. Via mail sent to:

Redwood City Police Department
Attn: Military Equipment Compliance Officer
1301 Maple Street
Redwood City, CA 94063



Summary and Responses to Military Equipment Use Policy Violations

The Department has reviewed each use of the military equipment that occurred during the reporting period and has not found any policy violations related to its use during the reporting period and no administrative investigations are on-going.



Training and Personnel Costs

The safe and proficient use of the equipment outlined by AB481 requires countless hours of initial and on-going training, as well as required certifications. Most training for department personnel is conducted internally by certified department personnel to ensure adherence to law and policy. There are times when department personnel are sent to external training courses to enhance and supplement internal training and to obtain “train the trainer” certifications. Consumable and non-consumable equipment is used during training to ensure proficiency and competency during real-life emergencies.

	Equipment	Consumables Used	External Training	Total Cost
1.	Redwood City Tahoe Command and Control Vehicle	\$0	\$0	\$0
2.	Lenco BearCat	\$0	\$3,250	\$3,250
3.	Lenco BearCat/MedCat	\$0	\$0	\$0
4.	Lenco Bear MARS	\$0	\$0	\$0
5.	IAG Sentinel Armored Vehicle	\$0	\$0	\$0
6.	Robotex Robots	\$0	\$0	\$0
7.	Defense Technologies Distraction Devices	\$324.6	\$0	\$324.6
8.	Deftech LMT 40 MM Kinetic Energy Projectiles (Training)	\$30	\$0	\$30
9.	Accuracy International .308 Precision Rifle	\$2,392.32	\$1,860	\$4,252.32
10.	Remington Breaching Shotgun / KBT (Model 870, 12 Gauge)	\$0	\$3,200	\$3,200
11.	Patrol Rifle - 5.56 semi-automatic rifle	\$4,510	\$0	\$4,510
12.	Colt M4 select-fire 5.56mm rifle	\$1,107	\$0	\$1,107
13.	MP5 9mm submachine gun	\$330	\$0	\$330
14.	Pepperball Launchers	\$0	\$0	\$0
15.	Defense Technologies CS Gas Systems (All Types)	\$0	\$0	\$0
16.	Drone	\$0	\$9,663	\$9,663
	Total:	\$8,693.92	\$17,973	\$26,666.92



Training Type	Hours	Total Cost
SRT Training Overtime Personnel Hours	1,503	\$243,366.61 (Total Overtime Cost – Also includes non Military Equipment related Training)
Total SRT Training Hours for 2025	2120	



Equipment Costs

The following were the equipment related expenditures for January 2025 through December 2025. Also listed is the projection of expenses in calendar year 2026. 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. All costs are absorbed through the existing authorized police department budget and the department is not seeking any additional funds related to military equipment use.

	Equipment	Acquisitions	Annual Maintenance	Projections
1.	Redwood City Tahoe Command and Control Vehicle	\$0	\$14,575.77.	\$15,000.00
2.	Workhorse / Mattman Truck – Equipment Transport	\$0	\$3,168.57	\$3,500.00
3.	Patrol Rifles	\$0	\$0	\$0
4.	Colt M4 select-fire 5.56mm rifles	\$0	\$0	\$0
5.	Lenco Bearcat	\$0	\$0	\$0
6.	H&K MP5 select-fire 9mm submachine guns	\$0	\$0	\$0
7.	Accuracy International .308 caliber rifle	\$0	\$0	\$0
8.	Defense Technology Low Roll Distraction Devices	\$0	\$0	\$1,000
9.	Defense Technology 40 MM Kinetic Energy Projectiles/Launchers	\$0	\$0	\$1,000
10.	Accuracy International .308 Precision Rifle	\$0	\$0	\$1,000
11.	Remington Breaching Shotgun (Model 870, 12 Gauge)	\$0	\$0	\$0
12.	RoboteX Avatar Tactical Robots	\$0	\$0	\$0
13.	Pepperball Launchers	\$0	\$0	\$0
14.	Defense Technologies CS Gas Systems (All Types)	\$0	\$0	\$0
15.	5.56mm Ammunition (Patrol and M4 Rifles)	\$7,420.90	\$0	\$10,000
16.	9mm Ammunition (MP5)	\$500	\$0	\$2,500
17.	308. Ammunition	\$2,908.41	\$0	\$5,000
18.	HyperSpike Long Range Acoustical Device	\$0	\$0	\$0
19.	Kinetic Breaching Tool	\$0	\$0	\$0
20.	Drone	\$105,367.68	\$0	\$240,000
	Total:	\$116,196.99	\$17,744.34	\$279,000



Total Annual Expenditure - January 2025 through December 2025

Acquisitions	Maintenance	Personnel	External Training	Total
\$116,196.99	\$17,744.34	\$243,366.61	\$17,973	\$395,280.94

Projected Acquisitions for 2026

While some purchases and acquisitions can be anticipated, the unanticipated replacement of existing military 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 needs. These unexpected needs-based acquisitions will be in accordance with department policy and AB 481.

Consumable Military Equipment

Consumable 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
- Specialty Munitions (40mm and Less Lethal Munitions)
- Pepperball Rounds

Projected costs associated with consumables are listed in the chart in the "Equipment Costs" section of this report.



Non-Consumable Military Equipment

Drone Update:

Current UAS (Unmanned Aerial System) Equipment Owned and Operated by RCPD

In June, 2025, the department acquired four patrol-led Skydio X10 drones, which cost approximately \$93,636. The department also purchased DJI Avata 2, Neo, and Mini 4 Pro drones, primarily for training and interior flight operations, which cost approximately \$11,731.68 including accessories.

The Department's current UAS inventory consists of:

- 4 Skydio X10 (patrol-led)
- 1 Skydio X10 & Dock (DFR)
- 4 DJI Avata 2
- 2 DJI Neo
- 2 DJI Mini 4 Pro

Selection of Skydio as Primary UAS Platform

After an extensive evaluation process that included vendor comparisons, training, consultation with industry experts, and review of operational, financial, and regulatory factors, the Department compared proposals from Skydio, Paladin, DroneSense, and Flock Safety for implementation of a tactical and Drone as First Responder (DFR) UAS program. Skydio was determined to provide the most advantageous overall solution based on its fully American-made, NDAA-compliant hardware, integrated LTE capabilities, strong warranty and insurance coverage, domestic manufacturing and support, advanced autonomous flight features, included mapping software, equipment ownership model, and long-term sustainability.

2025 Expenses Compared to Anticipated Costs from 2024 Report

In 2024, the Department estimated approximately \$87,000 to initiate a basic, patrol-led drone program focused on limited tactical deployments. In 2025, that initial phase was implemented at approximately \$93,636, which included acquisition of five Skydio X10 patrol drones, supporting equipment, and comprehensive pilot training. The remaining \$11,731.68 was for the DJI platforms necessary for indoor operations and training. Over the course of 608 incidents and 1,738 flights, the program demonstrated substantial operational value and became fully integrated into daily policing activities.



However, significant changes in the regulatory landscape - most notably federal NDAA compliance requirements and the ban of Chinese-manufactured drone platforms - fundamentally altered long-term planning considerations. Because DJI equipment represents the primary alternative in the market and now faces federal prohibition, the Department strategically shifted toward a fully NDAA-compliant, American-manufactured platform to ensure continuity and avoid costly future replacement.

Additionally, the proposed 2026 investment reflects an expansion from a limited patrol-led model to a comprehensive Drone as First Responder (DFR) network, interior tactical drone capability, airspace safety and counter-UAS infrastructure, and full integration into real-time operations and evidence systems. This transition represents not merely program growth, but the development of a citywide, future-proofed public safety aviation ecosystem aligned with evolving federal law and modern policing needs.

UAS Policy and Evidence Retention and Community Reception

The Department's UAS program is governed by Policy 438, which was adopted on June 4, 2025, and is available on the City's website. This policy authorizes drone deployment for clearly defined public safety purposes, while strictly prohibiting random surveillance, discriminatory targeting, immigration enforcement, personal use, or weaponization. All operations must comply with constitutional standards, FAA regulations, and established privacy protections, including efforts to avoid recording areas where individuals have a reasonable expectation of privacy absent a warrant or exigent circumstances.

Video evidence collected through UAS operations is retained and managed in accordance with existing Department policies governing public safety video systems and body-worn cameras, ensuring consistent chain-of-custody, auditing, and retention timelines aligned with the Department's established Body-Worn Camera policy.

Since implementation of the UAS program, community members, business owners, and business groups have informally expressed support for the Department's use of drone technology and the positive operational outcomes it has produced. While the Department has received occasional questions regarding program operations and safeguards - as expected with any emerging technology - there have been no formal complaints related to UAS deployments or misuse.

UAS (Unmanned Aerial System) Training During 2025

During 2025, The Department sent five UAS team members to specialized training courses hosted by the Regional Training Center (RTC). The training included Basic Pilot Training, NIST Proctor Certification, a UAS Managers course, and Advanced UAS Operators Training. These courses were selected to ensure operational competency, supervisory oversight capability, and nationally



recognized standards compliance within the Department's drone program.

The total cost of tuition for these courses was approximately \$9,663.00. A significant amount of in-house training was also conducted with other members of the UAS team during working hours and on dedicated UAS Team training days.

Use of UAS (Unmanned Aerial System) During 2025

The Redwood City Police Department utilized Skydio X10 drones for a total of 608 incidents in 2025, the majority of which were calls for service, but also include some investigation-driven and officer-initiated deployments. The Department first acquired Skydio equipment in June of 2025.

There were a total of 1,738 flights on the Skydio X10. A large portion of these were during training, equipment testing, or account for multiple operational flights during a single call for service.

Between June and December, the Redwood City Police Department utilized Skydio X10 drones across a broad spectrum of incidents, reflecting full operational integration into daily policing activities. Deployments most frequently supported disturbance-related calls, citizen assists and welfare checks, and suspicious activity incidents, where rapid aerial awareness can significantly enhance officer safety and response effectiveness. The drones were also used in proactive enforcement activity, traffic-related incidents, investigative follow-up, and violent and property crime responses. Additional deployments supported quality-of-life concerns, alarm calls, fires, outside agency assists, and missing person cases.

Call Type	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Disturbances	15	19	16	25	29	18	3	125
Citizen Assists / Welfare Checks	14	8	10	16	22	12	1	83
Suspicious Activity	13	9	9	6	10	13	3	63
Proactive Enforcement & Checks	8	5	7	12	14	6	2	54
Collisions & Traffic Issues	13	6	2	5	8	8	4	46
Investigative Follow-Up	4	7	4	11	9	6	4	45
Violent Crimes	7	12	2	3	8	6	1	39
Property Crimes	4	3	6	5	6	12		36
Quality of Life	7	8	2	2	12	3	1	35
Alarms	8	1	7	3	7	4	4	34
Other Crimes	1	4		2	2	5	3	17
Fires	3	2	2	3	2	1		13
Outside Assists	3		1	2	1	3		10
Missing Persons			1	1	4	1	1	8
Total Incidents	100	84	69	96	134	98	27	608



The Department also utilized several DJI drones, most often for training, as well as for a limited number of operational flights. The operational flights used the DJI Avata 2 and Neo platforms primarily. Approximately 200 total flights were flown using DJI drones, of which approximately 40 were operational – primarily for building searches and search warrants. DJI platform flights do not provide the same level of automated logging and tracking capabilities as Skydio systems, which is an additional operational benefit of transitioning to the Skydio R10 interior drone platform in 2026.

Planned UAS (Drone) Program Expansion and Related Purchases

The proposed expansion of the Department's Unmanned Aerial System (UAS) program builds upon the existing Drone as First Responder (DFR) pilot program and includes additional interior drone capabilities, airspace safety monitoring, and counter-UAS capabilities. The estimated cost for the UAS program is approximately \$240,000 annually over a five-year period. The funding source for this military equipment acquisition, maintenance, and related operational expenses during the calendar year following submission of this Annual Military Equipment Report is anticipated to be provided through the City's General Fund, subject to City Council approval.

This proposed expansion also includes several scheduled hardware refreshes, software support and updates, and repair/replacement plans, however non-covered repair or replacement costs are possible and are estimated to cost no more than \$10,000 - 20,000 yearly.

These investments are designed to improve response times, increase officer and public safety, and integrate all aerial assets into a unified evidence and real-time operations ecosystem.

Drone as First Responder (DFR) Expansion – Skydio X10

The next phase of the DFR program includes expansion of autonomous docked drones positioned strategically throughout the city, along with continued service for patrol-deployed units.

The proposed purchases include:

- Five (5) docked Skydio X10 drones
 - Hardware purchase for five units
 - One dock previously donated by the Redwood City Improvement Association, which is the same dock & drone currently in use in the DFR Pilot Program
 - Service plans for all five units
- Ongoing service plans for four (5) patrol-deployed Skydio X10 drones already purchased



These docked systems enable autonomous rooftop launch, rapid response to priority calls, and automatic return-to-dock charging and video upload. Upon mission completion, footage can be uploaded directly into Evidence.com, preserving full chain-of-custody integrity. The expanded network increases aerial coverage, improves response times, permits pilots to maintain overwatch during battery exchanges, and enhances early situational awareness before officers arrive on scene.

Interior Tactical Drone Capability – Skydio R10

To enhance interior and confined-space operations, the agreement includes:

- Six (6) Skydio R10 interior drones

These compact drones are designed to operate inside structures, navigate hallways and rooms, and provide real-time two-way audio and video. They allow officers to locate suspects, identify victims, and gather intelligence before making entry, significantly enhancing officer safety and increasing the likelihood of safe, controlled outcomes during high-risk incidents. The two-way audio communications enable enhanced crisis negotiation capabilities, and the drones can be controlled remotely by a teleoperator connected via the cellular network – same as the Skydio X-10 models.

Airspace Safety and Counter-UAS Infrastructure

The proposal also strengthens airspace monitoring and protection capabilities through Dedrone UAS detection receivers and a roof-mounted radar system.

The proposed additions include:

- Fixed Detect-and-Avoid (DAA) radar technology
- A mobile drone detection trailer for event-based deployment

The DAA radar component enhances safety for Drone as First Responder (DFR) operations by tracking crewed aircraft — including those not broadcasting ADS-B signals — and enabling Beyond Visual Line of Sight (BVLOS) operations up to the FAA’s 400-foot ceiling. This expands the drone’s operational radius while maintaining safe airspace deconfliction.

The Dedrone detection system enables identification, classification, and tracking of unauthorized drones and can identify the location of operators in real time. The mobile unit allows flexible deployment at major public events, parades, downtown and port gatherings, and other high-attendance venues.

Although this technology is not classified as military equipment, it is included in this proposal because it is offered as part of the bundled UAS service package. The Department believes these capabilities



will significantly enhance operational safety by improving situational awareness, protecting airspace during critical incidents and large public events, and ensuring safe integration of drones with other aircraft operating in the area.

Unified Integration and Evidence Management

All UAS components will integrate into a single interoperable ecosystem through:

- Fusus Pro+ real-time platform
- Evidence.com digital evidence management

This integration allows live drone video to be accessed within a unified map-based interface alongside CAD data, patrol units, ALPR systems, and body-worn camera footage. All video is automatically stored and auditable within Evidence.com, ensuring accountability and compliance.

Summary of UAS-Related Components

The proposed agreement includes:

- 5 docked Skydio X10 DFR drones
- 5 patrol Skydio X10 drones (service plans)
- 6 Skydio R10 interior drones
- Dedrone fixed and mobile detection systems
- Detect-and-Avoid radar

Collectively, these purchases expand Drone as First Responder coverage citywide, enhance interior and tactical capabilities, strengthen airspace safety and security, reduce response times, and integrate all aerial assets into a unified, accountable public safety technology platform.



Images of UAS Platforms

Skydio X10



Dock for Skydio X10





DJI Avata 2



DJI Neo





DJI Mini 4 Pro



Skydio R10





Armored Rescue Vehicle Update:



Council approved the use and storage of an Armored Rescue Vehicle (ARV) by the Police Department in May 2023. The vehicle was acquired through a federal grant awarded to the Port of Redwood City, which contracted with Lenco for its purchase. The ARV was delivered to the Department in July 2025. Since its arrival, the vehicle has been deployed on two occasions in support of critical incidents where enhanced protection for officers and community members was necessary. The Department has since adopted a formal policy governing the deployment, operation, and oversight of the ARV.



Conclusion

This Annual Military Equipment Use Report is intended to not only adhere to the law and Redwood City Police Department policy, but also demonstrate our commitment to transparency with the information provided to our community and elected officials. The equipment, resources, and training outlined in this report support the Redwood City Police Department's efforts to protect our community, and enhance the safety of the public and officers. Our police department firmly believes responsible use of the equipment outlined in this report enhances our ability to deliver the highest level of professional, efficient and effective service when faced with incidents requiring a thoughtful law enforcement response. 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, providing our community with "Excellent Service with Integrity and Respect."