

# Tulare County Sheriff's Office

## AB 481 Equipment List

### Chemical Agents and Accessories

Chemical agents, such as pepper spray (OC) and tear gas (CS), are used in volatile situations, such as a riot where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to suspects, safety members, and others, and avoiding property damage.

Item: Tippman Pepper Ball Launcher  
Description: Compressed air less-lethal projectile launcher/less lethal (paintball style projectiles).  
Link to Specs: Unknown  
Quantity: 21  
Initial Cost: \$300.00  
Ongoing Cost: \$100.00

Item: Pepperball Launcher (TAC)  
Description: Full/Semi-Automatic Pepperball Launcher  
Link to Specs: <https://pepperball.com/launchers/tac-sf/>  
Quantity: 2  
Initial Cost: \$855.00  
Ongoing Cost: \$15.00

Item: Speed Heat Grenades CS (40MM)  
Description: Fired from 40MM launcher in an outdoor setting, used as crowd management.  
Link to Specs: defense-technology.com  
Quantity: 14  
Initial Cost: \$503.00  
Ongoing Cost: \$0

Item: Direct Impact OC/CS  
Description: Fired from 40MM/point of impact direct fire used to incapacitate a single subject or crowd.  
Link to Specs: [https://www.defense-technology.com/wp-content/uploads/2022/02/40mm-Direct-Impact-Round\\_2021.pdf](https://www.defense-technology.com/wp-content/uploads/2022/02/40mm-Direct-Impact-Round_2021.pdf)  
Quantity: 40  
Initial Cost: \$375.00  
Ongoing Cost: \$0

Item: Pocket Tactical Grenade OC/CS  
Description: CS grenade used as a signaling or covering device, produces smoke cloud containing CS gas.  
Link to Specs: defense-technology.com  
Quantity: 10

Initial Cost: \$215.00

Ongoing Cost: \$0

Item: Tri Chamber CS

Description: Delivers CS agent for indoor use, crowd control or barricaded susp.

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 10

Initial Cost: \$345.00

Ongoing Cost: \$0

Item: OC Liquid Ferret

Description: Fired from 40mm upon impact delivers OC chemical

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 18

Initial Cost: \$560.00

Ongoing Cost: \$0

Item: OC Powder Ferret

Description: Fired from 40mm upon impact delivers OC chemical

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 20

Initial Cost: \$620.00

Ongoing Cost: \$0

Item: Pepper ball Projectiles (WHITE GLASS BREAKERS)

Description: Fired from pepper ball gun used to break windows in residence or vehicles

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 1030

Initial Cost: \$650.00

Ongoing Cost: \$0

Item: Pepper ball Projectiles (GREEN MARKING)

Description: Fired from pepper ball gun used to mark objects or individuals

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 300

Initial Cost: \$650.00

Ongoing Cost: \$0

Item: Pepper ball Projectiles PURPLE (INERT)

Description: Fired from pepper ball gun used for training

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 1875

Initial Cost: \$650.00

Ongoing Cost: \$0

Item: Pepper ball Projectiles RED (OC)

Description: Fired from pepper ball gun used to deliver small amounts of OC

Link to Specs: [defense-technology.com](https://defense-technology.com)

Quantity: 4650  
Initial Cost: \$1470.00  
Ongoing Cost: \$0

**Authorized Use:**

The above-listed chemical agents and accessories are infrequently used but are highly effective in quelling combative subjects/situation, while mitigating serious injury to the involved parties. Deployments are relegated to POST certified safety members who have completed chemical agents training and are assigned to one of our tactical units.

**Life Span:**

Chemical agent munitions have a recommended life span of five years.

**Fiscal Impact:**

\$115.00

**Less-Lethal Weapons / Munitions**

Less lethal weapons and munitions, such as those made of soft foam rubber, are used to minimize injuries to suspects and safety members and are deployed as means of force to stop threatening subjects from harming others, such as during hostage rescues, and high-risk building searches, when other tools would be ineffective or more dangerous.

Item: Defense Technology 40MM Single-Launcher  
Description: Tactical single-shot launcher (single/double action)  
Link to Specs: <https://www.defense-technology.com/wp-content/uploads/2021/04/40mm-Tactical-Single-Launcher-04.21.pdf>  
Quantity: 10  
Initial Cost: \$840.00  
Ongoing Cost: \$15.00

Item: Penn Arms 40MM multi-Launcher  
Description: Pump action advanced magazine drum launcher with a (6) shot capacity  
Link to Specs: None  
Quantity: 1  
Initial Cost: \$2,500.00  
Ongoing Cost: \$15.00

Item: Def Technology 40MM multi-Launcher  
Description: Pump action advanced magazine drum launcher with a (6) shot capacity  
Link to Specs: None  
Quantity: 3  
Initial Cost: \$2,500.00  
Ongoing Cost: \$15.00

Item: Def Technology 40MM Multi-Launcher  
Description: Pump action advanced magazine drum launcher with a (4) shot capacity  
Link to Specs: None  
Quantity: 02  
Initial Cost: \$2,365.00 ea.  
Ongoing Cost: \$15.00 (yearly)

Item: Direct Impact Marking  
Description: Point of aim/point of impact marking round fired from the 40MM  
Link to Specs: defense-technology.com  
Quantity: 10  
Initial Cost: \$210.00  
Ongoing Cost: \$0

Item: Pocket Tactical Grenade/ SMOKE  
Description: Produces a blue smoke used for diversion and/or movement.  
Link to Specs: defense-technology.com  
Quantity: 3  
Initial Cost: \$75.00  
Ongoing Cost: \$0

Item: Flash Bang/Reloads  
Description: Diversionary device w/loud bang and flash of light  
Link to Specs: defense-technology.com  
Quantity: 90  
Initial Cost: \$610.00  
Ongoing Cost: \$0

Item: Flash Bang Bodies  
Description: Carries the flash bang diversionary device and is re used w/re loads  
Link to Specs: defense-technology.com  
Quantity: 12  
Initial Cost: \$530.00  
Ongoing Cost: \$0

Item: Flash Bang (Single Use)  
Description: Diversionary device w/loud bang and flash of light  
Link to Specs: defense-technology.com  
Quantity: 28  
Initial Cost: \$610.00  
Ongoing Cost: \$0

Item: Burning Grenade HC SMOKE  
Description: Smoke grenade that expels gas through (4) ports. It is used to conceal tactical movement, disperse or redirect a crowd.  
Link to Specs: defense-technology.com  
Quantity: 10

Initial Cost: \$345.00  
Ongoing Cost: \$0

Item: 40mm Exact Impact Sponge Rounds  
Description: 40mm sponge round is a point-of-aim, point-of-impact direct-fire round  
Link to Specs: [https://www.defense-technology.com/wp-content/uploads/2020/04/40mm-eXact-iMPact-Sponge-Round-6325\\_2022.01.06.pdf](https://www.defense-technology.com/wp-content/uploads/2020/04/40mm-eXact-iMPact-Sponge-Round-6325_2022.01.06.pdf)  
Quantity: 207  
Initial Cost: \$1,823  
Ongoing Cost: None  
Life Span: 5 years

Item: 40mm Stinger 32-Caliber Rubber Ball Smokeless Powder Round  
Description: 40mm / 32-Caliber Round incorporates a 4.8 inch casing that contains approximately (130) rubber balls  
Link to Specs: <https://www.defense-technology.com/wp-content/uploads/2020/06/40mm-Stinger-32-Cal-Rubber-Ball-Round-6096.pdf>  
Quantity: 15  
Initial Cost: \$304.96  
Ongoing Cost: None  
Life Span: 5 years

Item: 40mm Stinger 60-Caliber Rubber Ball Smokeless powder Rounds  
Description: 40mm / 60-Caliber Round incorporates a 4.8 inch casing that contains approximately (18) rubber balls  
Link to Specs: <https://www.defense-technology.com/wp-content/uploads/2020/06/40mm-Stinger-60-Cal-Rubber-Ball-Round-6097.pdf>  
Quantity: 14  
Initial Cost: \$318.75  
Ongoing Cost: None  
Life Span: 5 years

Item: Stinger Grenade  
Description: Less Lethal Impact Munition and distraction Device.  
Link to Specs: [https://www.defense-technology.com/wp-content/uploads/2020/06/Stinger-Grenade-w\\_Safety-Clip.pdf](https://www.defense-technology.com/wp-content/uploads/2020/06/Stinger-Grenade-w_Safety-Clip.pdf)  
Quantity: 10  
Initial Cost: \$590.70  
Ongoing Cost: None  
Life Span: 5 years

Item: Triple-Chaser Grenade (destroyed – no longer in inventory)  
Description: Pyrotechnic grenade consistent of (3) separate canisters. Utilized for outdoor crowd management  
Link to Specs: <https://www.defense-technology.com/wp-content/uploads/2020/06/Triple-Chaser-Grenade.pdf>  
Quantity: 2  
Initial Cost: \$83.24

Ongoing Cost: None  
Life Span: 5 years

**Authorized Use:**

The above-listed less lethal launchers and munitions are highly effective in disarming violent suspects, armed suspects, and suicidal subjects with minimal risk to subjects, safety members, and the public. Deployments are relegated to trained personnel who received specialized POST certified training in the deployment of these less lethal weapons.

**Life Span:**

Less lethal munitions have a recommended life span of five years.

**Fiscal Impact:**

\$45.00

**Armored Rescue Vehicle:**

Armored rescue vehicles are all-terrain vehicles with exterior armor capable of protecting safety members while conducting rescue operations, SWAT operations, and high-risk search warrants. These armored rescue vehicles are used to prevent higher levels of force during insertion and extraction operation deployments. Armored rescue vehicle deployment is often necessary in circumstances where a danger to life exists, such as during hostage rescues and high-risk search warrants, and where other methods of transport would be ineffective or more dangerous.

Item: LENCO BEARCAT  
Description: ARMORED VEHICLE  
Link to Specs: [www.lencoarmor.com](http://www.lencoarmor.com)  
Quantity: 1  
Initial Cost: \$ 379,086.89  
Ongoing Cost: Varies based on maintenance and parts \$1200-\$5000

**Authorized Use:**

The above listed armored rescue vehicle is used for are transport of personnel to critical incidents such as barricaded subjects, high risk search warrants, and hostage rescues, and are deployed to transport civilians in rescue operations. Deployment of this rescue device is relegated to the SWAT members who have the appropriate driver's license.

**Life Span:**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of armored rescue vehicles, but the equipment has an estimated life stan of approximately 15 years.

**Fiscal Impact:**

Depending on various maintenance factors approximately \$1,200 – 5,000.

### **Select-Fire .223, .40 Caliber and Semi-Automatic .308 Firearms:**

Item: STS AR-15  
Description: Select fire (semi/auto), magazine fed rifle .223 caliber  
Link to Specs: NO LINK  
Quantity: 10  
Initial Cost: \$1,200.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: HK 416  
Description: Select fire (semi/auto), magazine fed rifle .223 caliber  
Link to Specs: HKUSA.com  
Quantity: 10  
Initial Cost: \$2,100.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: HK G36  
Description: Select fire (semi/auto), magazine fed rifle .223 caliber  
Link to Specs: HKUSA.com  
Quantity: 4  
Initial Cost: \$2,000.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: HK UMP 40  
Description: Select fire, sub machine gun, magazine fed .40 Caliber  
Link to Specs: HKUSA.com  
Quantity: 2  
Initial Cost: \$2,500.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: Colt AR-15  
Description: Select fire (semi/auto), magazine fed rifle .223 caliber  
Link to Specs: www.colt.com  
Quantity: 1  
Initial Cost: \$1,600.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: Bushmaster AR-15  
Description: Select fire (semi/auto), magazine fed rifle .223 caliber  
Link to Specs: [www.bushmatser.com](http://www.bushmatser.com)  
Quantity: 3  
Initial Cost: \$1,500.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: Remington 700 40X Custom  
Description: Remington 700 40X Custom/McMillan A5 Stocks, .308 Caliber precision Sniper rifle.  
Link to Specs: [www.remington.com](http://www.remington.com)  
Quantity: 4  
Initial Cost: \$6,000  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: Armalite  
Description: Select fire (semi/auto), magazine-fed rifle .308 caliber  
Link to Specs: [www.armilite.com](http://www.armilite.com)  
Quantity: 1  
Initial Cost: \$3,000  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: Springfield M1A  
Description: Select fire (semi/auto), magazine-fed rifle .308 caliber  
Link to Specs: [www.springfield-armory.com](http://www.springfield-armory.com)  
Quantity: 1  
Initial Cost: \$2000.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

Item: Ruger Precision Model 18045  
Description: Bolt action rifle w/Night force NXS scopes, .308 caliber precision sniper rifle  
Link to Specs: [www.ruger.com](http://www.ruger.com)  
Quantity: 6  
Initial Cost: \$2500.00  
Ongoing Cost: Varies based on maintenance and parts \$50-\$500.

### **Authorized Use:**

The above-listed firearms are select fire (semi/auto), magazine-fed rifles of .223 caliber. These types of weapons are only issued to a SWAT team member who has attended an 80-hour POST Certified SWAT course, in which the individual receives instruction on Special Weapons and Tactics.

Remington 700's and Ruger Precision are only Issued to members of the Sniper Team, who have attended and successfully passed a 40-hour POST-certified sniper course. These are precision rifles utilized during hostage situations. These are long distances weapons that can be fired accurately.

### **Life Span:**

Frequency of use, proper maintenance and environmental factors can all impact the serviceability life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum life span of 10 years.

### **Fiscal Impact:**

Depending on various maintenance factors, approximately \$300.00 - \$3000.00



## Small Unmanned Aviation Systems

A Small Unmanned Aviation System (sUAS) is an unmanned, remotely controlled aircraft that is equipped with various sensors and is used to minimize injury or death to suspects, safety members, and others and to avoid property damage. sUAS use is often necessary for visual observation of incidents where a danger to life exists and traditional observation methods would be ineffective or more dangerous.

**Item:** DJI Mavic Enterprise Advanced  
**Description:** Mavic Enterprise Advanced is an outdoor sUAS that weighs 909g and is used to gain critical intel in conflicts or emergencies to make timely and informed decisions without putting personnel in harm's way.  
**Link to Specs:** <https://www.dji.com/mavic-2-enterprise-advanced/specs>  
**Quantity:** 9  
**Initial Cost:** \$14,000/ea.  
**Ongoing Cost:** \$150.00  
**Life Span:** 5 – 7 Years

**Item:** DJI Matrice 300 RTK  
**Description:** Matrice 300 is an outdoor sUAS that weighs 6.3kg with two batteries and is used to gain critical intel in conflicts or emergencies to make timely and informed decisions without putting personnel in harm's way.  
**Link to Specs:** <https://www.dji.com/matrice-300/specs>  
**Quantity:** 1  
**Initial Cost:** \$30,000.00  
**Ongoing Cost:** \$300.00  
**Life Span:** 5 – 7 Years

**Item:** Fotokite Sigma  
**Description:** Fotokite Sigma provides public safety teams with mission-critical situational awareness from elevated perspectives. Fotokite's actively tethered drones saves team resources. Fotokite Sigma is a safer alternative to non-actively tethered drones and free-flying public safety drone systems.  
**Link to Specs:** <https://fotokite.com/situational-awareness-system/>  
**Quantity:** 5  
**Initial Cost:** \$25,000.00/ea.  
**Ongoing Cost:** \$300.00  
**Life Span:** 5 – 7 Years

**Item:** Sky-Hero Loki Mk2  
**Description:** Ruggedized small tactical quadcopter designed for short-range intelligence, surveillance, and reconnaissance in dark indoor obstacle-rich environments and GPS-denied areas.

**Link to Specs:** <https://nordicunmanned.com/drones/sky-hero-loki-mk2/>

**Quantity:** 2

**Initial Cost:** \$10,000.00

**Ongoing Cost:** \$150.00

**Life Span:** 5 – 7 Years

### **Authorized Use:**

The above listed sUAS are deployed only when they would assist deputies or incident commanders during SWAT/explosive device responses or other public safety missions, such as hostage rescue operations, barricaded suspects, rural operations involving armed suspects, or other missions to protect life. Deployments are relegated to sUAS operators with current Remote Pilot ratings from the Federal Aviation Administration. These operators attend initial and ongoing Department sUAS training. The SWAT Commander or his/her designee will approve sUAS use.

### **Fiscal Impact:**

Approximately \$450.00

### **Aircraft:**

Because Tulare County spans over 4,839 square miles, its aircraft are used to transport County personnel, perform, and assist with search and rescue missions as well as respond and assist with law enforcement support, narcotics surveillance, airborne photography.

**Item:** 2017 Cessna StationAir T206H

**Description:** A single-engine, general aviation aircraft with fixed landing gear

**Link to Specs:**

[https://cessna.txtav.com/-/media/cessna/files/piston/stationair/stationair\\_productcard.ashx](https://cessna.txtav.com/-/media/cessna/files/piston/stationair/stationair_productcard.ashx)

**Quantity:** 1

**Initial Cost:** \$750,000.00

**Ongoing Cost:** \$5,500.00 avg yearly maintenance, approximately every four-years overhaul estimated at \$60,000.00

**Item:** 2004 Cessna StationAir T206H

**Description:** A single-engine, general aviation aircraft with fixed landing gear

**Link to Specs:**

[https://cessna.txtav.com/-/media/cessna/files/piston/stationair/stationair\\_productcard.ashx](https://cessna.txtav.com/-/media/cessna/files/piston/stationair/stationair_productcard.ashx)

**Quantity:** 1

**Initial Cost:** \$519,000.00

**Ongoing Cost:** \$5,500.00 avg yearly maintenance, approximately every four-years overhaul estimated at \$60,000.00

### **Authorized Use:**

The above-listed aircraft are used for purposes including general law enforcement support, narcotics surveillance, personnel/cargo transport, airborne photography, and search and rescue operations. The aircraft are piloted by Federal Aviation Administration (FAA) certificated personnel by aircraft type and rating.

**Life Span:**

None, as long as the aircraft is mechanically maintained and meets FAA regulations.

**Fiscal Impact:**

The exact annual maintenance cost varies based on replacement parts needed and aircraft hours of operation.

**Robotics:**

Robotics are unmanned, remotely controlled machines that operate on the ground and are utilized to enhance the safety of operators and the public by moving objects, opening doors, and allowing for visual observation and communications. This equipment minimizes injury and death to safety member and other and avoids property damage.

Item: F6A-J ROBOT

Description: This robot is utilized by the Multi-Agency Bomb team in Tulare County for bomb related or explosive ordinance disposal. It is equipped with a firing device or Percussion Actuated NON- Electric Device or "PAN". Utilizing a 12 gauge blank the "PAN" can fire a diverse selection of projectile to include: Liquid, Solid, Shot or Frangible. The projectile is dependent on the explosive devices make up for instance a cardboard box or metal container.

Link to Specs: ROMTEC/NORTHROP GRUMMAN

Quantity: 1

Initial Cost: \$250,000

Ongoing Cost: Varies based on maintenance and parts \$500-\$5000

Item: ROBOTEX Avitar Robot

Description: The AVATAR enhances the capabilities of the SWAT team by allowing them to inspect dangerous situations quickly and safely, without sending personnel into harm's way.

Link to Specs: robotex.com

Quantity: 1

Initial Cost: \$18,000

Ongoing Cost: Varies based on maintenance and parts \$50-\$500

Item: ICOR Mini Caliber Robot

Description: Robot used for rapid tactical missions, the robot is quick to deploy for searching rooms, hallways, stairwells and confined spaces. It also includes an extendible rotating claw arm that simplifies opening door handles.

Link to Specs: ICORtechnology.com

Quantity: 1

Initial Cost: \$47,784

Ongoing Cost: Varies based on maintenance and parts \$50-\$500

### **Authorized Use:**

The above listed robot is used for variety of tasks that would protect responding personnel and members of the public during dangerous tactical operations and calls for service for suspected explosive devices. These robotic devices are used in place of humans to search areas or structures and to examine, disable or move explosive devices. Deployments are relegated to the Bomb Squad members who have completed required training from and certification through the FBI.

### **Life Span:**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of robotics, but the equipment has an estimated life span of approximately 10-25 years.

### **Fiscal Impact:**

Approximately \$600.00 –\$5,000.00

### **Mobile Command Posts:**

Command posts are built to better assist command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.

Item: 2006 Mattman Specialty Vehicle

Description: Command Bus used for command and control during law enforcement operations.

Link to Specs: None

Quantity: 1

Initial Cost: \$0 (Grant Purchase)

Ongoing Cost: \$500.00 - \$2000.00

Item: 2009 Sandstorm T26FBSPL (Camper Trailer)

Description: The Sandstorm T26FBSPL was converted into a mobile Command Post for Search and Rescue operations and Emergency Services. It is equipped with computers, radios, and extra storage needed for Emergency Incidents. The living quarters and bed were removed from the trailer to allow working space.

Link to Specs: <https://www.rvingplanet.com/mfg-forest-river-rv/sandstorm-toy-hauler-travel-trailer/t26fb spl>

Quantity: 1  
Initial Cost: \$27,696.60  
Ongoing Cost: \$100.00 – \$500.00

**Authorized Use:**

The above listed command post vehicles are used for operational command and control of various types of investigations, natural disasters, and emergencies. Command Staff may deploy the command posts when needed.

**Life Span:**

None

**Fiscal Impact:**

\$600.00 – \$2,500.00

**End of Inventory List**

There were no complaints or concerns regarding the military equipment for year 2023. Internal audits were conducted periodically at numerous times throughout the year, as the above equipment is dispersed throughout different units and facilities within the Tulare County Sheriff's Department.

At this time, the Tulare County Sheriff's Department does not intend to acquire any further military equipment, which could change due to the everchanging needs of the department to keep pace with technology as well as replacement for damaged or outdated equipment, and the safety and security for the residents of Tulare County.