



# WHEELING POLICE DEPARTMENT



*Shawn Schwertfeger, Chief of Police*

2115 Chapline Street · Wheeling, West Virginia 26003  
Phone: (304) 234-3708 · Fax: (304) 234-3788

February 5, 2025

Mr. Robert Herron  
City Manager  
City of Wheeling  
1500 Chapline Street  
Wheeling WV, 26003

Dear Mr. Herron:

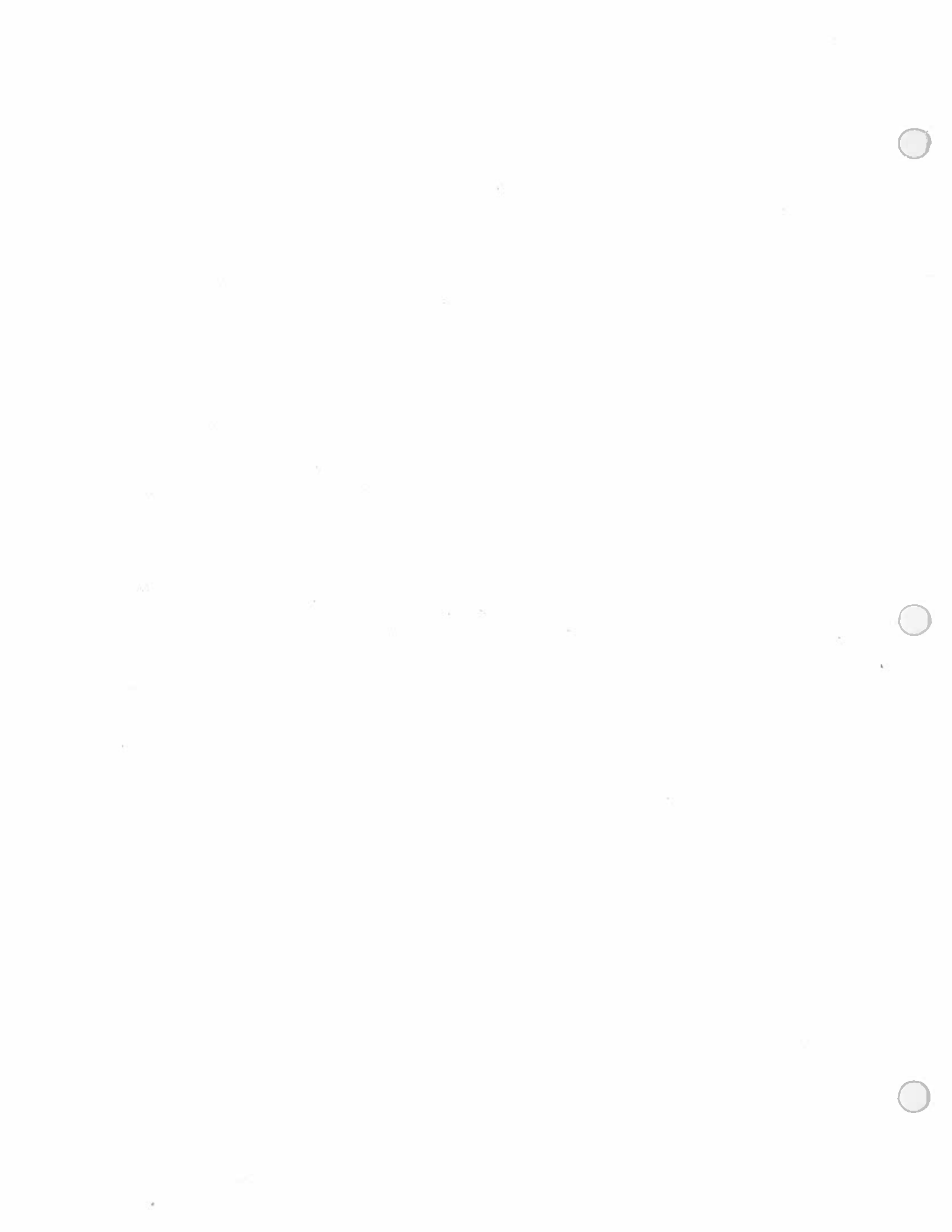
## **Fiscal 2025-2026 Budget Submission**

I am submitting the FY 2025-2026 budget proposal for the Wheeling Police Department. This year's proposal mirrors last year's operational budget with some additional capital outlays and two proposed new positions, both of which would be reimbursed by the West Virginia First Foundation Grant.

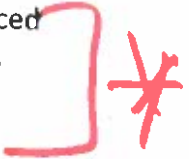
As we enter 2025, we continue to struggle to maintain allocated staffing levels. As of this submission, we are at 12 sworn vacancies within the WPD. In addition to that, we have 4 officers currently attending the basic academy. This is the equivalent of 16 vacancies. This fact remains our biggest challenge, despite having a competitive salary and many additional internal programs and benefits (12-Hour Shifts, Assigned Vehicle Program, New Police Facility). As we continue to study this phenomenon, a nationwide trend, we will continue to look at ways to enhance recruitment efforts. This will remain a focus in 2025. Despite the fact our sworn personnel remain below allocation, we have increased civilian staff through grants and other partnerships and that fact alone has propelled us into positive outcomes related to crime reduction and professionalism.

I cannot help but project what our successes would look like with the current support staff in place along with the majority of our vacancies filled. When filled, those vacancies support staffing at the patrol level, but also increase our detective's numbers and other specialized units such as dedicated traffic and a neighborhood resource unit. Our impacts would be limitless. In an effort to achieve those lofty goals, I will once again be proposing a 5% pay increase for all staff, sworn and civilian.

This budget submission will summarize 2024 in review, describe our strategic goals, and provide details and justification for any line-item adjustments and capital outlays.



As I approach my 13<sup>th</sup> year as the Chief of Police for the historic Wheeling Police Department, I continue to see growth in professional skill and abilities. Our new facility and innovative conceptual approaches to combatting crime and providing services, makes me very proud to be a part of it. We truly are an elite organization in our state and region. In 2024, we experienced our first full year in the new police headquarters, which continues to make me proud each morning upon walking in or even driving by. In 2024, our efforts once again culminated in a reduction in overall crime. In fact, the data shows quite possibly, the lowest numbers in over a decade. Group A crimes were reduced by 11%, which is a continuation of a 6% reduction the year prior. Additionally, Group B offenses were down by 7%. Finally, our efforts of crime reduction and our new Crisis Response Unit, accounted for an impressive 37% reduction in drug overdoses and a 46% reduction in overdose deaths. We are clearly moving in the right direction.



In 2024, the City of Wheeling Police Department did not investigate a single homicide, reaffirming that the city is a safe one. Our Investigations and Evidence team continues to provide skilled response to follow up investigations, partnerships, and mutual aid. Our patrol divisions and commanders are grasping the entirety of the geographical policing model and problem-oriented policing concepts. These approaches are working as we focus on high crime areas or current trends as they appear and clearly account for the end of year numbers.

*How many? 6 to 7* *5 sum*

In 2024, we utilized our state-of-the-art facility to enhance training opportunities by hosting multiple training sessions, bringing other law enforcement professionals and first responders in to further enhance partnerships and learning. Through a partnership with Ohio County Schools, we grew the number of School Safety Officers that are permanently assigned to schools within the county in addition to our School Resource Officers. We increased the numbers of Commanders (Rank of Lieutenant) within the ranks and created an additional geographic district (encompassing downtown and East Wheeling). We very successfully transitioned to 12-hour shifts which provided more staffing on the streets in patrol capacities. We successfully transitioned to a new weapons system to be issued to all sworn staff. From Smith and Wesson .40 caliber to Glock 9mm. We successfully acquired equipment and training aids through the cities opioid funding, received approval through the ATF to receive a NIBIN system to be housed here and provide regional support and we ended 2024, with an exciting grant award from the WV First Foundation, that will allow us to expand our Crisis Response Unit and provide additional training for the members of the WPD and our region.



*-? officer proposal*

*How is this*

Looking ahead to 2025, the WPD will continue to focus on the above listed facets and hope to see continued declines. In support functions, we will be growing our Crisis Response Unit, continuing to seek additional approaches to provide assistance to all to achieve positive outcomes. With the addition of the Cellebrite System and the NIBIN system, our investigative tactics will be sound and state of the art. We will continue to train WPD staff in Crisis Intervention as well as our region with the WVFF funding. We will continue to seek solid employee wellness opportunities and finally, continue to seek to find quality employees to round out our staffing levels.

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doing during  
in time?*



Recruitment and Retention remain our most significant threat. We will continue to search for impactful ways to increase our sworn staffing levels to allocated numbers. We will make sure our new hires are trained appropriately and remain motivated, and adequately award the staff who are dedicated to progressing the WPD mission and providing the best services to our citizens. We will be looking at Skills Proficiency Programs (SPP), adequately funding our Field Training officers and possibly other positions via the SPP, developing a plan to target specific recruiting areas, for example athletic teams, military personnel, and possibly even geographic areas.

In addition to the line-items effected by the recommended pay increase, there are two small increases to existing line-items. Those two will be overtime, to accommodate funding our FTO's and to Grant Writers, both contracted to write and manage. I will be requesting a new line-item. If approved, that would be titled "Evidence" and will be utilized to maintain the existing evidence room, Bag and Tag stocked as well as to continue assure the lab functions properly. Finally, I will be asking for two positions to be added to the roster of staff. The Crisis Response Unit Supervisor, currently in place and a new social worker/case manager position within that unit. Both of these positions to be funded initially by the WVFF, recently awarded grant. *mechanics of Grant -infant?*

*#10,000*

Our Capital Outlays this year reflect those of years past. These also involve technology enhancement related to criminal and traffic crash crime scene processing. A new sighting system to further enhance the newly issued firearm, a Harley Davidson Motorcycle, and additional cruisers to be added our fleet for use as K9 vehicles.

1. FARO Focus M70 Scanner
2. Drone Mapping, 3D Modeling
3. Red Dot Sights
4. Harley Davidson Motorcycle
5. 2 Ford SUV Police package cruisers

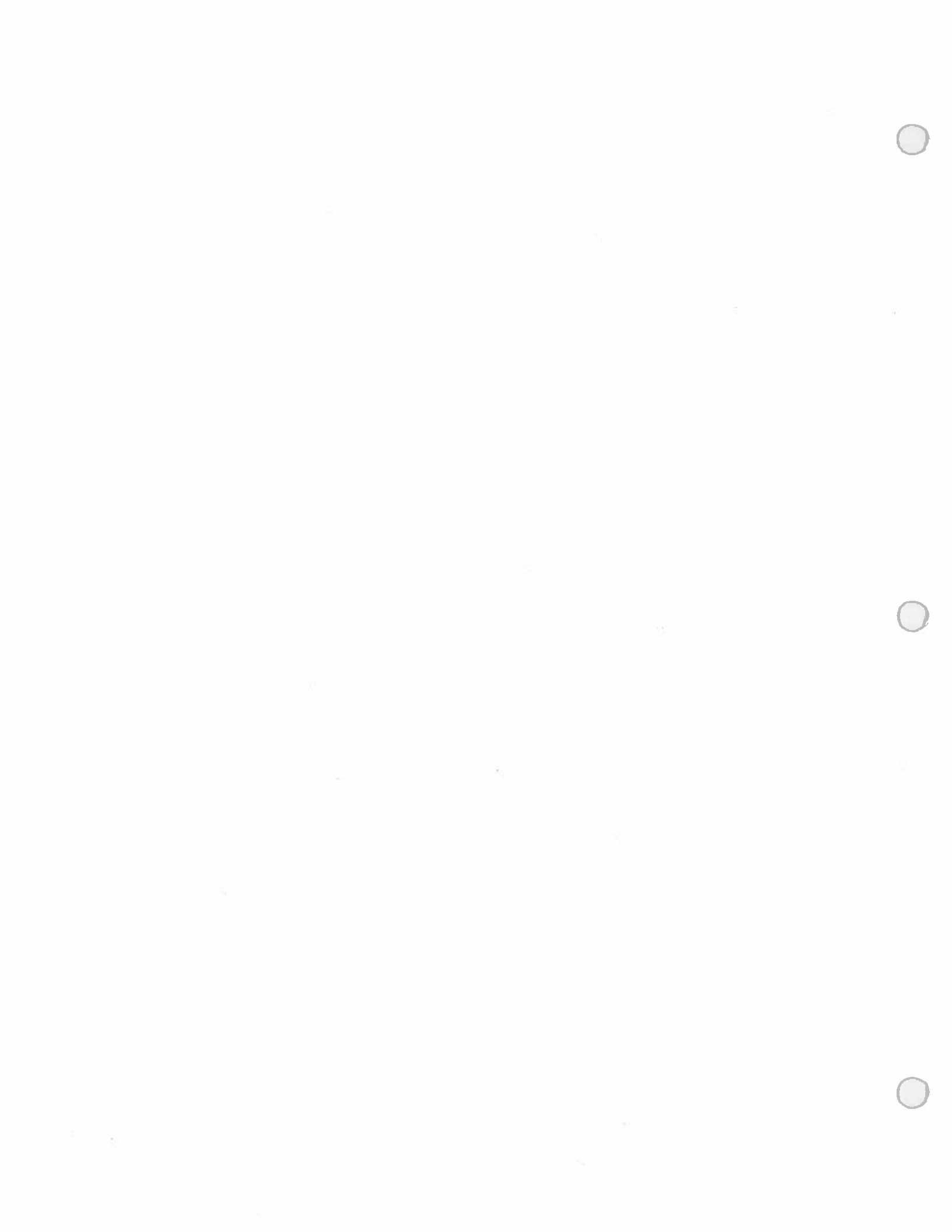
I am enclosing our Strategic Plan (Goals and Objectives), the Line-item Budget Request Form, the Capital Outlay schedule, the Program Justification form, and other supporting documentation. I am looking forward to meeting with you to examine our budget request. Please do not hesitate to contact me should you have any questions or need additional information prior to our meeting.

Sincerely,

Shawn Schwertfeger  
Chief of Police

*Gen's Range?  
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RSS/fac  
Enclosure



CITY OF WHEELING DEPARTMENTAL  
BUDGET REQUEST FISCAL YEAR 2025-26

Line Item #	Line Item Name	CURRENT BUDGET	PROPOSED BUDGET	New Projects & Capital Outlays	Budget Request	INCREASES	DECREASES	C.M. APPROVAL
<b>PERSONNEL &amp; BENEFITS</b>								
001.4700.10.1000	Police Dept Admin Salaries	\$0.00		5% pay raise	\$0.00			
001.4700.10.1116	PARKING METER OFFICER	\$62,236.72			\$65,348.56	\$3,111.84		
001.4700.10.1221	DEPUTY CHIEF	\$154,500.00			\$162,225.00	\$7,725.00		
001.4700.10.1222	POLICE CHIEF	\$102,500.00			\$107,625.00	\$5,125.00		
001.4700.10.1317	SENIOR STAFF ASSOCIATE	\$0.00		remove?	\$0.00			
001.4700.10.1318	ADMINISTRATIVE ASSISTANT	\$40,748.86			\$42,786.30	\$2,037.44		
001.4700.10.1324	STAFF ASSOCIATE	\$34,034.29			\$35,736.00	\$1,701.71		
001.4700.10.1325	OFFICE SPECIALIST	\$32,929.10		remove?	\$0.00			
001.4700.10.1328	Civilian Intake Coordinator	\$0.00		remove?				
001.4700.10.1329	HIGHWAY SAFETY COORDINATOR	\$47,458.28			\$53,500.00	\$6,041.72		
001.4700.10.1330	Public Information Officer	\$48,882.00			\$51,326.10	\$2,444.10		
001.4700.10.1331	VICTIM SPECIALIST	\$0.00		remove?				
001.4700.10.1332	VICTIM ADVOCATE COORDINATOR	\$39,548.91			\$41,526.36	\$1,977.45		
001.4700.10.1334	EVIDENCE / FORENSIC SPECIALIST	\$58,710.00			\$61,645.50	\$2,935.50		
001.4700.10.1335	RESOURCE OFFICERS	\$0.00						
001.4700.10.1508	POLICE OFFICER I	\$772,500.00			\$811,125.00	\$38,625.00		
001.4700.10.1509	POLICE OFFICER II (15)	\$1,081,500.00			\$1,135,575.00	\$54,075.00		
001.4700.10.1510	POLICE SERGEANT (20)	\$844,600.00			\$886,830.00	\$42,230.00		
001.4700.10.1511	LIEUTENANT (5)	\$374,424.57			\$393,145.80	\$18,721.23		
001.4700.10.1512	GRANT POLICING	\$0.00		Remove?				
001.4700.10.1513	Directed Patrols	\$0.00		Remove?				
001.4700.10.1514	Fairs & Festivals	\$0.00		Remove?				
001.4700.10.1515	CRIME ANALYST	\$48,882.00			\$51,326.10	\$2,444.10		
001.4700.10.1516	CROSSING GUARDS	\$14,174.86			\$14,883.60	\$708.74		
001.4700.10.1518	POLICE CORPORALS (15)	\$901,250.00			\$946,312.50	\$45,062.50		





CITY OF WHEELING DEPARTMENTAL  
BUDGET REQUEST FISCAL YEAR 2025-26

001.4700.10.1523	BONUS/ATTND. BONUS	\$38,302.00						
001.4700.10.1525	ON CALL PAY	\$0.00		New Line Item	\$5,775.00		\$5,775.00	
001.4700.10.1532	CIVILIAN INTAKE	\$131,840.00			\$138,432.00		\$6,592.00	
001.4700.10.1534	Canine Compensation	\$14,782.56						
001.4700.10.1901	CONTRACTUAL OVERTIME	\$275,961.37			\$383,350.00		\$107,388.63	
001.4700.10.1902	SOCIAL SECURITY	\$3,041.00						
001.4700.10.1903	OVERTIME	\$550,000.00			\$561,000.00		\$11,000.00	
001.4700.10.1905	LONGEVITY	\$27,040.00		Due to 5% raise	\$28,392.00		\$1,352.00	
001.4700.10.1907	POLICE PENSION	\$600,000.00			\$900,000.00		\$300,000.00	
001.4700.10.1910	SUPP. PENSION CONTRI.	\$0.00						
001.4700.10.1915	POLICE PENSION-STATE	\$211,300.00			\$340,000.00		\$128,700.00	
001.4700.10.1920	EYE-DENTAL-LIFE INS.	\$88,000.00			\$79,200.00		\$8,800.00	
001.4700.10.1921	HOSPITALIZATION INS.	\$1,000,000.00			\$1,153,771.00		\$153,771.00	
001.4700.10.1924	MEDICARE CONTRIBUTIONS	\$70,681.00			\$71,714.81		\$1,033.81	
001.4700.10.1990	CDBG Reimbursement	\$0.00		Remove?				
Grant Reimbursement	Crisis Response Unit Supervisor	\$60,000.00			\$60,000.00			
		\$7,729,827.52			\$8,582,551.63			
<b>OTHER EXPENSES</b>								
001.4700.20.2115	COMMUNICATION MAINT CONT	\$46,000.00						
001.4700.20.2116	COPY MACHINE	\$8,746.00						
001.4700.20.2124	EQUIPMENT MAINTENANCE	\$25,000.00						
001.4700.20.2125	Harley Motorcycles	\$2,779.00						
001.4700.20.2132	INVESTIGATIONS	\$11,000.00						
NEW LINE Proposal	EVIDENCE			New Line Item	\$10,000.00			
001.4700.20.2134	INSURANCE	\$225,000.00			\$600,500.00		\$375,500.00	
001.4700.20.2138	MEMBERSHIP DUES	\$2,000.00						
001.4700.20.2143	POLICE PARKING	\$0.00		Remove?				
001.4700.20.2149	TECH REF. & SERVICES	\$85,000.00						
001.4700.20.2153	TRAVEL EXPENSES	\$30,000.00						
001.4700.20.2162	SPEC. SCHOOLS-TRAINING	\$32,883.00						
001.4700.20.2163	New Hires - Training	\$25,000.00						
001.4700.20.2167	UTILITIES	\$63,000.00						
001.4700.20.2171	WORKERS COMPENSATION	\$126,088.00			\$127,075.00		\$987.00	



CITY OF WHEELING DEPARTMENTAL  
BUDGET REQUEST FISCAL YEAR 2025-26

001.4700.20.2173	TELEPHONE-LD CHGS.	\$25,500.00						
001.4700.20.2176	LEGAL EXPENSES	\$20,000.00						
001.4700.20.2250	GRANT MATCH-LLEBG	\$0.00						
001.4700.20.3105	BUILDING MAINTENANCE	\$60,000.00						
001.4700.20.3146	POSTAGE	\$1,593.00						
001.4700.20.3147	Drug Task Force Grant Match	\$7,500.00						
001.4700.20.3148	K-9 Maintenance	\$11,800.00						
001.4700.20.3149	SWAT Team Expenses	\$15,000.00						
001.4700.20.3150	SPECIALIZATION	\$11,170.00						
001.4700.20.3160	GRANT WRITERS	\$6,918.00				\$9,000.00	\$2,082.00	
	SUPPLIES	\$841,977.00				\$746,575.00		
001.4700.30.2110	DAMAGED CLOTHING REP	\$5,300.00						
001.4700.30.2112	CLOTHING ALLOWANCE	\$45,000.00						
001.4700.30.2114	Bullet Proof Vest	\$19,518.00						
001.4700.30.3102	AMMUNITION & TARGETS	\$35,000.00						
001.4700.30.3124	GAS-DIESEL-OIL	\$219,700.00						
001.4700.30.3135	OFFICE SUPPLIES	\$15,000.00						
001.4700.30.3140	PHOTO FINGER PRINT SUPPLIES	\$331.00						
001.4700.30.3179	TRAFFIC SUPPLIES	\$6,547.00						
001.4700.30.3180	DARE Supplies	\$1,347.00						
	CONTRIBUTIONS	\$347,743.00						
001.4700.50.2174	Def Comp 457 Contrib	\$5,605.00						
001.4700.50.5126	CONTRIBUTION TO C.E.R.F.							
		5,605.00						
Totals		\$8,925,152.52				\$9,329,126.63	\$1,329,147.77	



## FY 2025-2025 Program and Budget Justifications

### Proposed Increases

#### Personnel/Wages (Various Line Items)

All positions and associated "Personnel and Benefit" sections reflect the proposed 5% pay increase for WPD staff. Current sworn staffing levels are at a deficit of 12. This is one less than last year but average annually for the last several. Our recruitment and retention efforts will continue to hone in on attractive programs and initiatives to attract and retain, but a 5% increase will help maintain the attractiveness of pay for our state within the law enforcement profession.

#### Overtime (4700.10.1903)

At the current fiscal year mid-point, we are right on budget with our overtime. This recommended increase will cover one specific issue related to our training of new hires. Currently a newly hired officer, who is non-certified, will attend a basic academy class at the WVSPA. This is roughly a four-month process. Additionally, they are required to successfully complete the WPD Field Training Program. This is done in three phases and requires each new officer to have a training officer. Currently our training officers are compensated at 1 hour of overtime for training said officer, per day. The average compensation for those officers across the United States is 2-3 hours per day. We have struggled to keep FTO officers as it is very taxing on those. They often work late, have to complete a barrage of additional paperwork and primarily "watch over" and assure a new hire is learning and applying to the standards of the WPD. I am recommending that the FTO unit be compensated at 2 hours per day for training a new hire. I believe this will adequately award their efforts and may bring additional officers into the FTO Program, where we have recently struggled. This projected increase should be placed into the Overtime budget and would not exceed the \$11,000 recommended.

#### Grant Writers (4700.20.3160)

This line item was recently reduced for unknown reasons. The WPD has found tremendous success with a contracted grant writer and grant manager. A perfect example is the aforementioned award from the WV First Foundation. Both contracted employees are instrumental with multiple federal grants to include annual BJA grants and other grant opportunities from the Department of Justice. Because of the reduction and the work completed by this team thus far, we are currently over budget here. I am recommending this line-item be increased to \$9,000, a total increase of \$2,082.



FY 2025-2026 Program and Budget Justifications  
Continued



*Mechanics to  
Program  
Grant*

Proposed new positions and line items

**Crisis Response Unit Supervisor (Additional Position)**

As you are aware, this new position is vital to oversee the civilian unit within the WPD that provides specific services to some of our most vulnerable of populations. The WPD Crisis Response Unit comprises of 2 Peer Support Recovery Specialists, 1 Behavioral Health Social Worker, 1 Victim Advocate and requires a supervisor. This new position was filled with Katie Hughes who is doing a very nice job thus far. The 2 Peers are funded by our partner First Choice Services and the Victim Advocate is a WPD employee with that program previously being started by a DOJ Grant. As of February 1, 2025, this position will be funded by the WV First Foundation through our CIT Collaborative grant award. This position will receive wages and benefits which will be reimbursed by the grant. The job description is attached to this proposal.

**Crisis Response Unit Mental Health Social Worker (Additional Position)**

This new position has not been filled and will be advertised soon. This behavioral health social worker position will round out the CRU and provide an additional resource with a focus on mental health calls and case management. The WPD routinely responds to, or as a result of, individuals engrossed in a mental health or substance abuse crisis. This position will collaborate with sworn personnel and civilian staff to provide immediate support and intervention to those individuals. This role will focus on assessment, intervention and connection to appropriate resources. This position will also receive wages and benefits from the City of Wheeling which will be reimbursed by the WV First Foundation Grant award. The job description is attached to this proposal.

**EVIDENCE (Proposed New Line item)**

This proposed new line-item is necessary to maintain the professional areas associated with the new Police Headquarters and the all-important Evidence Room, "Bag and Tag" and the Crime Lab. Some of the routine equipment needed now is being taken from the Investigations Line-Item, rendering that line-item insufficient. This new line item will fund packaging materials, essential to clean and render safe the working environment, hangers, various boxes and storage containers, labels and totes to name a few. These items are used frequently and often need replenished.





## Job Description

**Position:** Crisis Response Unit Supervisor

**Department:** Wheeling Police Department

**Job Type:** Full-Time

**Location:** Wheeling, West Virginia

### Overview:

The Wheeling Police Department is seeking a dedicated and licensed Law Enforcement Social Worker to oversee our Mental Health Response Unit. This position will involve leading a team that includes two peer liaisons, a victim advocate, and potentially a second licensed social worker. A key responsibility will be the implementation of Crisis Intervention Training (CIT) for Wheeling Police Department staff and expansion of CIT for the larger community. The primary goal of this role is to develop and implement strategies that address the mental health and substance use disorder needs of our community, ultimately treating the root causes of chronic mental illness and addiction. This position will offer input and insight into co-occurring social issues within the City of Wheeling, such as homelessness, mental health, and addiction.

### Responsibilities:

- **Crisis Intervention:** Provide on-site crisis intervention and support for individuals experiencing mental health crises, collaborating closely with law enforcement personnel. Availability to respond to mental health calls as requested by Officers.
- **Mental Health Response Unit Supervision:** Oversee and manage the mental health response unit within the police department and City of Wheeling, ensuring effective service delivery and adherence to best practices.
- **Case Management:** Conduct assessments, develop treatment plans, and coordinate services for individuals requiring mental health support, linking them to community resources as needed.
- **Training and Support:** Facilitate training for police officers on mental health issues, de-escalation techniques, and the importance of trauma-informed care.
- **Collaboration:** Work in partnership with local mental health agencies, community organizations, social services, and city municipalities to enhance resources and support for individuals in crisis.
- **Documentation:** Maintain accurate records of interventions, assessments, and referrals in compliance with legal and ethical standards that pertain to the function of the Mental Health Unit
- **Policy Development:** Contribute to the development and implementation of policies and procedures related to social issues such as mental health, addiction, and homelessness

### Qualifications:

- Master's degree in Social Work (MSW) from an accredited institution.
- Current state licensure as a Social Worker (LGSW or equivalent).
- Minimum of 2 years of experience in mental health settings, with experience in crisis intervention preferred.



- Knowledge of community mental health resources and law enforcement practices.
- Strong communication, interpersonal, and problem-solving skills.
- Ability to work collaboratively in a high-stress environment and effectively manage crisis situations.

**Benefits:**

- Competitive salary
- Opportunities for professional development and continuing education.
- A supportive work environment committed to community well-being.



DRAFT

**Job Title: Social Worker - Crisis Response Unit**

**Location:** Wheeling Police Department

**Position Overview:** The Bachelor Level Social Worker in the Crisis Response Unit (CRU) will collaborate with law enforcement personnel and civilian staff to provide immediate support and intervention to individuals in crisis. This role focuses on assessment, intervention, and connection to appropriate resources, ensuring that individuals experiencing mental health, substance use disorder, or psychosocial crises receive timely and effective care.

**Key Responsibilities:**

**1. Crisis Intervention:**

- Respond to crisis situations in partnership with police officers, assessing the needs of individuals in distress.
- Provide emotional support and stabilization techniques to individuals experiencing mental health crises or substance use disorder crisis

**2. Assessment and Evaluation:**

- Conduct thorough assessments to determine the immediate needs, risks, and strengths of individuals in crisis.
- Develop individualized care plans and recommendations for further support services.

**3. Resource Connection:**

- Facilitate referrals to mental health services, substance abuse programs, shelters, and other community resources as needed.
- Collaborate with local service providers to ensure comprehensive follow-up care.

**4. Documentation:**

- Maintain accurate and timely records of interventions, assessments, and any follow-up actions taken.
- Prepare reports for internal and external stakeholders as required.

**5. Team Collaboration:**

- Work closely with crisis response unit staff, police officers, emergency responders, and community organizations to coordinate a multi-faceted response to crises.
- Participate in staff meetings and training sessions to enhance teamwork and crisis intervention strategies.

**6. Public Education:**

- Assist in developing community outreach programs to raise awareness of mental health issues and available resources.



- Provide training to law enforcement personnel on mental health crisis intervention techniques.

### **Qualifications:**

- Bachelor's degree in Social Work (BSW) or related field.
- Current state licensure or certification as a social worker (if applicable).
- Knowledge of mental health issues, crisis intervention techniques, and community resources.
- Strong interpersonal and communication skills, with the ability to engage effectively with individuals in distress.
- Ability to work in high-stress environments and maintain composure during emergencies.

### **Skills:**

- Crisis management
- Problem-solving
- Active listening
- Empathy and compassion
- Cultural competence

### **Working Conditions:**

- Includes varying shifts, including evenings and weekends, to address community needs.
- Exposure to challenging and potentially hazardous situations while in the field.

**Application Process:** Interested candidates should submit a resume and cover letter outlining their qualifications and interest in the role.

**Conclusion:** The Bachelor Level Social Worker in the Crisis Response Unit plays a vital role in ensuring that individuals in crisis receive the immediate support and resources they need, contributing to the overall safety and well-being of the Wheeling community.





**CITY OF WHEELING**  
**DEPARTMENTAL BUDGET REQUEST**  
**FISCAL YEAR 2025 - 2026**

DEPARTMENT/DIVISION:		POLICE DEPARTMENT		DEPARTMENT/DIVISION HEAD: CHIEF SHAWN SCHWERTFEGER	
PROGRAM/PROJECT	COST	PRIORITY*	JUSTIFICATION/EXPLANATION		
1	2	3	4		
FARO Focus M70 Scanner	\$55,000	1	Quickly and accurately create photorealistic 3D images of crash reconstruction and crime scenes. Collection and cataloging the scene is critical to preventing evidence loss, increase safety and mitigating the economic losses of closed roadways.		
Drone Mapping/3D Modeling	\$26,499 (Equipment and Training)	2	Addition to the FARO system. Allows for the 3D mapping of crash scenes, outdoor crime scenes and other critical incidents.		
Harley Davidson Motorcycle	\$33,000	3	Increased efficiency due to rising maintenance cost on aging motorcycles. The motors are a vital part of all special events, Highway Safety initiatives and are expected to be relied on in the downtown area during the multiple special events, escorts, etc. Once staffing permits, a full-time traffic unit will benefit from utilization of this equipment during traffic enforcement and crash investigation.		
Red Dot Sights	\$29,500 (62 Total Units)	4	The WPD recently transitioned to a new weapons system when we switched to the Glock 45 9mm. This weapon is designed for easy installation of RED DOT sight system. These systems allow for faster target acquisition, superimposes the reticle on the target, allows a wider field of vision and may improve accuracy of rounds on target.		
Ford SUV Police Package (2 Units)	\$168,000	5	The WPD fleet is in dire need of two additional K9 vehicles. The current fleet is hampered by high mileage and continual maintenance needs. A purchase of two K9 patrol vehicles would allow two of the four K9 handlers to have newer vehicles and move one of their vehicles to the K9 spare. The cost listed includes full outfitting of lights/radios/inserts.		



## **2025 STRATEGIC PLAN**

The Wheeling Police Department continues to implement the strategic planning process to guide the police department's organizational goals and the actions needed to achieve those goals. The strategic plan helps guide the budgeting process through several years, prioritizes training needs, and sets the tone for the agency's direction. Departmental goals and directions have been identified through command staff meetings and internal/external assessments. The elements of the strategic planning process have been prioritized into five strategic directives:

1. Reduce Crime and Enhance Public Safety
2. Enhance Community Outreach
3. Increase Efficiency
4. Emergency Preparedness
5. Occupational Safety and Wellness

### **COMPLETED INITIATIVES IN 2024:**

- New Downtown/Business District Crime Watch Group
- 12-Hour Patrol Shift Implementation
- Acquisition of Specialized Vehicles
- Partnership with First Choice Services to house two Peer Support Specialists
- Enhanced Crisis Response Unit
- New Firearm Acquisition
- Enhanced Training
- Increased School Security Officers through Ohio County Schools

### **GOALS for 2025:**

- Continuing Wellness Program Efforts
- Enhance Recruitment and Retention Efforts
- Continued Implementation of a new Downtown Crime Watch Group
- Install NIBIN System
- Install Cellebrite System
- Implement New Evidence Tracking System
- Further Enhance Training Opportunities
- Further Enhance the Crisis Response Unit





Wheeling Police Department  
2115 Chapline Street  
Wheeling, WV 26003  
Phone: (304) 234-3664  
Fax: (304) 234-3624  
[wheelingwv.gov/police](http://wheelingwv.gov/police)

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**FOR IMMEDIATE RELEASE**

January 22, 2025

[wheelingwv.gov/police](http://wheelingwv.gov/police)

## **Wheeling Police Release Annual Statistics, Reports Lowest Crime Rates in a Decade**

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**WHEELING, W.Va.** – The Wheeling Police Department released its 2024 annual crime statistics today, highlighting one of the lowest crime rates in the past decade. Nearly all major crime categories, along with overall calls for service, drug overdoses, and even traffic crashes declined over the past year, reinforcing Wheeling's status as a safe city in West Virginia.

Wheeling Police Chief Shawn Schwertfeger said he is beyond pleased with this past year's report. "It is remarkable when a system is established to monitor, take ownership of, and action to prevent and solve crime. Our geographic policing model, dedicated civilian support staff, and engaged community members all play a vital role in making this a successful year. Most importantly, I commend the men and women of WPD, who wear the uniform each day, offering selfless service and commitment to the community they have vowed to protect."

Over the next year, the Chief hopes the numbers continue a downward trend. "I remain so proud of the men and women of the Wheeling Police Department. They inspire me each day. With that in mind, our goal is to double down on efforts so we can continue to see the results reflected in this past year's reduced crime rates."

Crime data is categorized into two main categories by the National Incident-Based Reporting System (NIBRS) – "Group A" offenses, which are more felonies, property crimes and crimes against persons, and "Group B" offenses, which involve more misdemeanors, nuisance/quality of life and highway safety/traffic offenses.

After observing an initial decline in several "Group A" offenses in 2023, most categories continued to decrease further last year. These included assaults, burglary, vandalism, drug offenses, motor vehicle theft, and vandalism. 2024 was the first year in recent memory the department had no homicide investigations. A few categories' numbers increased last year but overall are not concerning. Weapon offenses increased by 3 cases and robbery increased by 5 cases. Arrests remained mostly unchanged and the overall "Group B" category decreased by 7%.

Total calls for service were reduced by 4%, with the annual total reaching 20,858—a drop of over 6,000 calls compared to a decade ago. This reduction is linked to ongoing efforts in officer-initiated activities, nightly foot patrols, community policing, and various selective enforcement operations.



Drug overdose cases saw a substantial decrease compared to the previous year. Overall, overdoses dropped by 37%, with a total of 114 reported — marking the lowest number in seven years. In 2024, there were 14 overdose-related deaths, a 46% total reduction, following a notable increase the year before. These deaths are largely attributed to the continued prevalence of fentanyl, often mixed with other substances like xylazine and methamphetamine.

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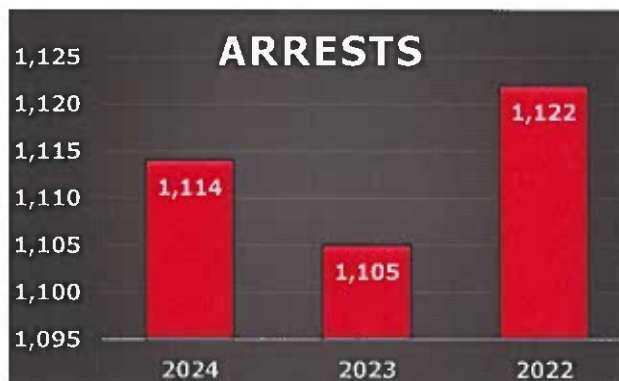
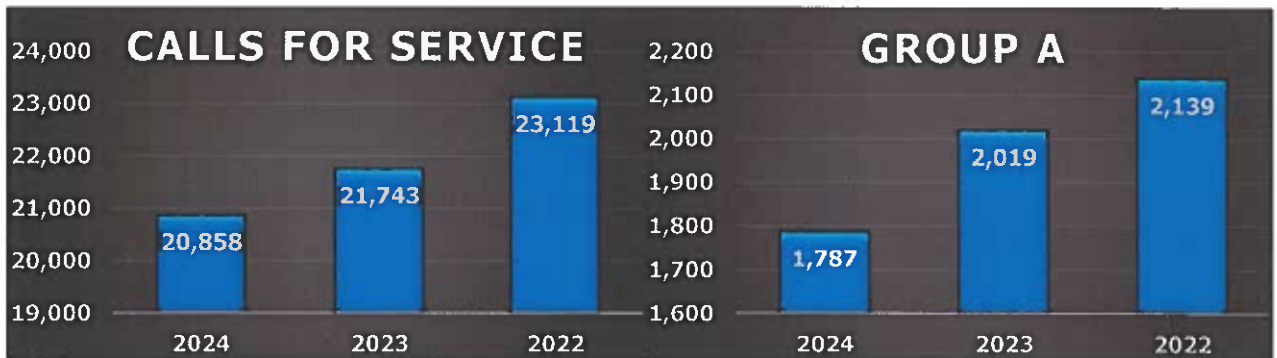
**[Group A Crimes]** (Serious Crimes) **DECREASED 11%**

Crime Categories that **decreased** from the previous year:

- Assaults (**Down 12%**)                      2024 Total: **517**                      2023 Total: **588**
- Burglary (**Down 4%**)                      2024 Total: **157**                      2023 Total: **163**
- Drug Offenses (**Down 20%**)              2024 Total: **280**                      2023 Total: **342**
- Larceny/Thefts (**Down 15%**)            2024 Total: **389**                      2023 Total: **456**
- Motor Vehicle Theft (**Down 13%**)      2024 Total: **33**                      2023 Total: **38**
- Vandalism (**Down 4 cases**)              2024 Total: **162**                      2023 Total: **166**

Crime Categories that **increased** from the previous year:

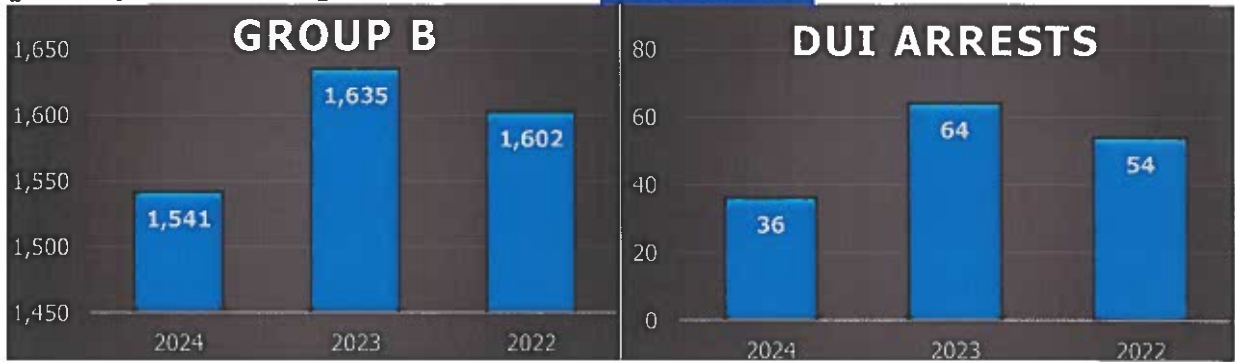
- Robbery (**Up 5 cases**)                      2024 Total: **17**                      2023 Total: **12**
- Weapon Offenses (**Up 3 cases**)        2024 Total: **22**                      2023 Total: **19**







**[Group B Crimes]** (less serious crimes) **DECREASED 7%**



**[Traffic Enforcement]**

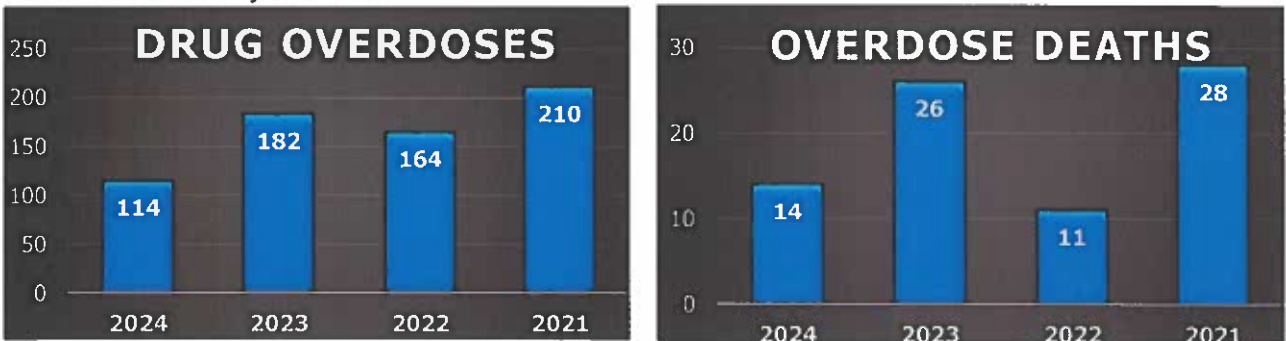
With no major road construction or significant weather-related incidents, crashes, and traffic citations decreased. The department did respond and investigate two fatal crashes in 2024.



**[Drug Overdoses]** **DECREASED 37%**

**[Overdose Deaths]** **DECREASED 46%**

Drug-related overdoses are at their lowest level in seven years – a sign that the drug epidemic is perhaps slowing in the area. Overdose deaths also were cut in half from the previous year. The numbers are turning in a positive direction, thanks to the hard work of all officers, the Ohio Valley Drug Task Force, the new WPD Crisis Response Unit, which works with community partners on treatment, and the availability of Narcan.



*\*Note: Overdose death numbers can change after annual statistics are released because of current pending cases with the state medical examiner's office\**





Wheeling Police Department  
2115 Chapline Street  
Wheeling, WV 26003  
Phone: (304) 234-3664  
Fax: (304) 234-3624  
[wheelingwv.gov/police](http://wheelingwv.gov/police)

## MEMORANDUM

**TO : Chief R.S. Schwertfeger**

**FROM: Major Josh Sanders**

**DATE : January 17, 2025**

**RE : Proposal to increase FTO incentive**

Chief,

I have received a request from Field Training Officers (FTOs) to increase the compensation for Field training officers who are actively training in phase (limbo, phase1, phase 2, phase 3, and Final Phase) probationary officers (POs). This request is due to a change to 12-hour shifts. This change does result in more hours working with POs for each phase. While the FTO program is based on weeks it is also tracked in hours. This also stems from constant changes in staffing of FTOs requiring a lot of work from these officers to train new hires, which is often a demanding task.

I have also learned that similarly situated departments, Parkersburg, Martinsburg, Charleston and Huntington, are all working 12 hours shifts and compensate their FTOs at a higher rate than we do. ~~Charleston 2.5 hours a day, Parkersburg 3 hours a day, Martinsburg 1.5 hours a day, and Huntington does a weekly stipend of 4-6 hours a week (I have not confirmed the exact number).~~

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After training in February, we will be at our highest number of FTOs since I have taken over. ~~We will have 31 active FTOs.~~ However, only Eighteen (18) of them actively train in phase on the road training. Four (4) of those are Sergeants who only get assigned for limbo phase, two (2) of which are rumored to be resigning, leaving 14-16 training officers. The other individuals either assist in onboarding training, not eligible for compensation, or are in special details that do not allow for full time assignment.

Recently, December 1 to December 31, 2024, when we had 5 trainees in active phase field training, an unusually high number for one time, we had 50 Hours of OT totaling \$2,204.74. (Please see below Spread sheet of figures.) With this proposal this number would essentially double the amount paid, \$4,400.00. (It should be noted as stated above that

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having 5 trainees out at the same time is either not prolonged or a rare occurrence, so this number could be an extreme high value. For example, in the month of May 2024 we only had 22 hours of FTO listed in the OT report, while February and March had no FTO hours at all. This changes the potential total by months where training occurs to approximately half, so \$2000.) From January 1 to December 31, 2024 we paid approximately 280 hours of OT/Comp to FTOs and that occurred in 8 months out of the year.

*Full year Attached in separate Doc.*

With the above listed information, I am proposing that the FTO compensation rate for active in phase FTO training be changed from 1 hour to 2 hours.

Date	Employee	Status	Hours	OT Rate	Code	Notes
12/1/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO
12/1/2024	Ryan, Patrick	Approved	1	\$41.34	OT	FTO hour - Gebell
12/1/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Lux.
12/2/2024	Prager, Ken	Approved	1	\$41.76	OT	FTO - Kildow
12/2/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto.
12/3/2024	Prager, Ken	Approved	1	\$41.76	OT	FTO - Kildow
12/3/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto.
12/4/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO
12/5/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO
12/5/2024	Ryan, Patrick	Approved	1	\$41.34	OT	FTO hour - Gebell
12/7/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto.
12/9/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO
12/9/2024	Ryan, Patrick	Approved	1	\$41.34	OT	FTO hour - Phase 2 Gebell
12/9/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Callahan.
12/10/2024	Ryan, Patrick	Approved	1	\$41.34	OT	FTO hour - limbo phase 2 Gebell
12/10/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Callahan.



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12/11/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO for swat
12/11/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto
12/12/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/12/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto
12/13/2024	Bolyard, Joshua	Approved	1	\$43.41	Payroll	FTO - Gebell
12/13/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Callahan.
12/14/2024	Bolyard, Joshua	Approved	1	\$43.41	Comp Time	FTO - Gebell
12/15/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO lux
12/16/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/17/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/17/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto
12/18/2024	Bolyard, Joshua	Approved	1	\$43.41	Comp Time	FTO - Gebell
12/18/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO lux
12/19/2024	Ryan, Patrick	Approved	1	\$41.34	OT	FTO - Gebell phase 2
12/20/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/20/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto
12/21/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/21/2024	Prager, Ken	Approved	1	\$41.76	OT	FTO - Opyoke
12/22/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/22/2024	Hupp, Jason	Approved	1	\$46.71	OT	FTO Sansone
12/23/2024	Bolyard, Joshua	Approved	1	\$43.41	Payroll	FTO - Gebell
12/23/2024	Moore, Ryan	Approved	1	\$48.45	OT	Fto





12/23/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Callahan.
12/27/2024	Bolyard, Joshua	Approved	1	\$43.41	Comp Time	FTO - Gebell
12/27/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO
12/27/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Callahan.
12/28/2024	Bolyard, Joshua	Approved	1	\$43.41	Payroll	FTO - Gebell
12/28/2024	Moore, Ryan	Approved	1	\$48.45	OT	FTO
12/29/2024	Tobiczyk, Rebecca	Approved	1	\$41.46	Comp Time	FTO with PO Callahan.
12/30/2024	Giusto, Dylan	Approved	1	\$41.54	OT	Kildow and Sansone FTO
12/30/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto
12/31/2024	Franks, Harrison	Approved	1	\$41.34	Payroll	FTO
12/31/2024	Giusto, Dylan	Approved	1	\$41.54	OT	Training. FTO SANSONE
12/31/2024	Stanley, Brandon	Approved	1	\$46.49	Payroll	Fto
(filtered from 50 total entries)			50	\$2,204.74		

Major Joshua P. Sanders



Date	Employee	Status	Hours	Code	Pay	Notes
1/1/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/2/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/3/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/6/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/7/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/8/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/9/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/10/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/13/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/14/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/15/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
1/16/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/17/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/18/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/21/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/22/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/23/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/24/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/25/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/28/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
1/29/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Holt
5/12/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
5/13/2024	Adams, Andrew	Approved	1	OT	\$46.71	FTO Stewart
5/14/2024	Adams, Andrew	Approved	1	OT	\$46.71	FTO Stewart
5/15/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO - Cooper
5/17/2024	Adams, Andrew	Approved	1	OT	\$46.71	FTO Stewart
5/18/2024	Adams, Andrew	Approved	1	OT	\$46.71	FTO Stewart
5/26/2024	Ruby, Brent	Approved	1	OT	\$48.30	FTO Lanham
5/27/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
5/27/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto Stewart
5/27/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
5/27/2024	Young, Benjamin	Approved	1	OT	\$46.89	FTO
5/28/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
5/28/2024	Moore, Ryan	Approved	1	CMP	\$48.45	Fto
5/28/2024	Young, Benjamin	Approved	1	OT	\$46.89	FTO
5/29/2024	Ruby, Brent	Approved	1	OT	\$48.30	FTO Lanham
5/30/2024	Ross, Brendan	Approved	1	CMP	\$42.96	FTO: Cooper
5/30/2024	Ruby, Brent	Approved	1	OT	\$48.30	FTO Lanham
5/31/2024	Castilow, William	Approved	1	OT	\$46.71	FTO
5/31/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
5/31/2024	Young, Benjamin	Approved	1	OT	\$46.89	FTO
6/1/2024	Young, Benjamin	Approved	1	OT	\$46.89	FTO
6/2/2024	McKenzie, John	Approved	1	CMP	\$46.86	FTO PO Lux
6/2/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO - Sandlin
6/3/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/4/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto



6/5/2024	McKenzie, John	Approved	1	CMP	\$46.86	FTO po lux
6/5/2024	Moore, Ryan	Approved	1	CMP	\$48.45	fto
6/5/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO - Sandlain
6/6/2024	McKenzie, John	Approved	1	CMP	\$46.86	FTO po lux
6/6/2024	Moore, Ryan	Approved	1	CMP	\$48.45	Fto
6/6/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO - Sandlian
6/7/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/8/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - William Lanham
6/8/2024	Ross, Brendan	Approved	1	CMP	\$42.96	FTO: Lanham
6/8/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/9/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/10/2024	McKenzie, John	Approved	1	CMP	\$46.86	FTO PO Lux
6/10/2024	Ross, Brendan	Approved	1	CMP	\$42.96	FTO: Lanham
6/11/2024	Jamison, Collin	Approved	1	OT	\$42.96	FTO PO Stewart
6/11/2024	McKenzie, John	Approved	1	CMP	\$46.86	FTO PO Lux
6/11/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
6/12/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO - Lanham
6/12/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/13/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO - Lanham
6/13/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/14/2024	Giusto, Dylan	Approved	1	CMP	\$41.54	FTO LUX
6/14/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
6/15/2024	McKenzie, John	Approved	1	CMP	\$46.86	FTO po lux
6/15/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
6/16/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
6/17/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
6/19/2024	Jamison, Collin	Approved	1	OT	\$42.96	FTO Stewart
6/20/2024	Jamison, Collin	Approved	1	OT	\$42.96	FTO Stewart
6/21/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
6/22/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
6/23/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
6/24/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
6/25/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
6/27/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
6/29/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO - Stewart
6/30/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO - Stewart
7/1/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/2/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/3/2024	Giusto, Dylan	Approved	1	CMP	\$41.54	FTO STEWART
7/5/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/7/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO - Cooper
7/8/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
7/9/2024	Giusto, Dylan	Approved	1	CMP	\$41.54	FTO STEWART
7/10/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/11/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/12/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
7/13/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart



7/14/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
7/15/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/16/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/17/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
7/18/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Stewart
7/19/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/20/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
7/21/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
7/22/2024	Jamison, Collin	Approved	1	CMP	\$42.96	Phase 3 FTO PO Stewart
7/24/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
7/25/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
7/26/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Stewart Phase 3
7/27/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Phase 3 Stewart
7/28/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Phase 3 Stewart
7/29/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
7/30/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/1/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Phase 3 Stewart
8/1/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Phase 3 Stewart
8/2/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
8/3/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
8/4/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Cooper
8/6/2024	Jamison, Collin	Approved	1	OT	\$42.96	FTO Phase 3 Stewart
8/7/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/8/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/11/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
8/12/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/13/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/14/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Phase 3 Stewart
8/15/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Phase 3 Stewart
8/16/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/17/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
8/18/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
8/21/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
8/21/2024	Stanley, Brandon	Declined	1	OT	\$46.49	Fto
8/22/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
8/26/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
8/30/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
8/31/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
10/13/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
10/14/2024	Castilow, William	Approved	1	CMP	\$46.71	FTO
10/14/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour Lux
10/15/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Kildow
10/15/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour -- Lux
10/15/2024	Young, Benjamin	Approved	1	CMP	\$46.89	FTO Calahan
10/16/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
10/17/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
10/18/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Lux





10/18/2024	Castilow, William	Approved	1	CMP	\$46.71	FTO
10/18/2024	Young, Benjamin	Approved	1	OT	\$46.89	FTO
10/19/2024	Bolyard, Joshua	Approved	1	OT	\$43.41	FTO - Lux
10/19/2024	Young, Benjamin	Approved	1	CMP	\$46.89	FTO
10/20/2024	Bolyard, Joshua	Approved	1	OT	\$43.41	FTO - Lux
10/20/2024	Castilow, William	Approved	1	CMP	\$46.71	FTO
10/20/2024	Young, Benjamin	Approved	1	CMP	\$46.89	FTO
10/21/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Kildow
10/21/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
10/22/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Kildow
10/22/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
10/23/2024	Castilow, William	Approved	1	CMP	\$46.71	Fto
10/23/2024	Giusto, Dylan	Approved	1	CMP	\$41.54	FTO Kildow
10/23/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Lux
10/23/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO Limbo PO Callahan
10/24/2024	Castilow, William	Approved	1	CMP	\$46.71	FTO
10/24/2024	Jamison, Collin	Approved	1	CMP	\$42.96	Opyoke Limbo day FTO
10/24/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Lux
10/24/2024	Young, Benjamin	Approved	1	CMP	\$46.89	FTO
10/25/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO Kildow
10/25/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
10/26/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO Kildow
10/27/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO Kildow
10/27/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
10/28/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
10/28/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Lux
10/29/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Gebell
10/29/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
10/30/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO Kildow
10/30/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
10/31/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
11/1/2024	Jamison, Collin	Approved	1	CMP	\$42.96	Gebell FTO
11/2/2024	Jamison, Collin	Approved	1	CMP	\$42.96	Gebell FTO
11/3/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Gebell
11/3/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux
11/4/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
11/4/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
11/5/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
11/5/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
11/6/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
11/6/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	PO Lux in FTO phase 2.
11/7/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
11/7/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux
11/8/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
11/8/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
11/9/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
11/10/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO



11/10/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
11/11/2024	Castilow, William	Approved	1	CMP	\$46.71	FTO
11/11/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO 1st phase Gebell
11/11/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
11/11/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto for november 09th
11/11/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO training with PO Lux.
11/12/2024	Jamison, Collin	Approved	1	CMP	\$42.96	FTO Gebell
11/12/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux.
11/13/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO - Opyoke
11/13/2024	Stanley, Brandon	Approved	1	CMP	\$46.49	Fto Kildow
11/14/2024	Martin, Jason	Approved	1	OT	\$47.13	FTO -Opyoke
11/15/2024	Jamison, Collin	Approved	1	OT	\$42.96	FTO Gebell
11/15/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux.
11/17/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Lux
11/20/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux.
11/21/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux.
11/24/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
11/24/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
11/25/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
11/25/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux.
11/26/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
11/26/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Gebell
11/27/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
11/28/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
11/28/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
11/29/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
11/29/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux
11/30/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/1/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/1/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Gebell
12/1/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Lux.
12/2/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
12/2/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto.
12/3/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Kildow
12/3/2024	Stanley, Brandon	Approved	1	OT	\$46.49	FTO
12/4/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/5/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/5/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Gebell
12/7/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
12/9/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/9/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO hour - Phase 2 Gebell
12/9/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Callahan.
12/10/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO limbo phase 2 Gebell
12/10/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Callahan.
12/11/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO for swat
12/11/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
12/12/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO



12/12/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
12/13/2024	Bolyard, Joshua	Approved	1	OT	\$43.41	FTO - Gebell
12/13/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Callahan.
12/14/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Gebell
12/15/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO lux
12/16/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
12/17/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
12/17/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
12/18/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Gebell
12/18/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO lux
12/19/2024	Ryan, Patrick	Approved	1	OT	\$41.34	FTO - Gebell phase 2
12/20/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
12/20/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
12/21/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
12/21/2024	Prager, Ken	Approved	1	OT	\$41.76	FTO - Opyoke
12/22/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
12/22/2024	Hupp, Jason	Approved	1	OT	\$46.71	FTO Sansone
12/23/2024	Bolyard, Joshua	Approved	1	OT	\$43.41	FTO - Gebell
12/23/2024	Moore, Ryan	Approved	1	OT	\$48.45	Fto
12/23/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Callahan.
12/27/2024	Bolyard, Joshua	Approved	1	CMP	\$43.41	FTO - Gebell
12/27/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/27/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Callahan.
12/28/2024	Bolyard, Joshua	Approved	1	OT	\$43.41	FTO - Gebell
12/28/2024	Moore, Ryan	Approved	1	OT	\$48.45	FTO
12/29/2024	Tobiczyk, Rebecca	Approved	1	CMP	\$41.46	FTO with PO Callahan.
12/30/2024	Giusto, Dylan	Approved	1	OT	\$41.54	Kildow and Sansone FTO
12/30/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto
12/31/2024	Franks, Harrison	Approved	1	OT	\$41.34	FTO
12/31/2024	Giusto, Dylan	Approved	1	OT	\$41.54	Training. FTO SANSONE
12/31/2024	Stanley, Brandon	Approved	1	OT	\$46.49	Fto

265

\$11,832.81

X 2

11,832.



# FARO

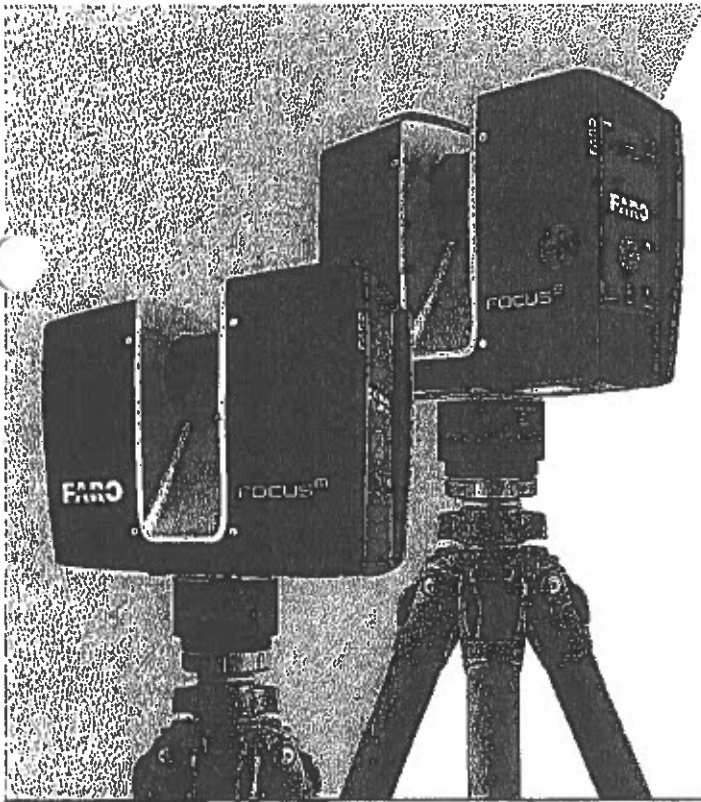
## Focus Laser Scanner

The Most Compact Lightweight and Intuitive Laser Scanner Product Line

### Laser Scanners for Short, Medium and Long Range Applications

FARO® Focus Laser Scanners are specifically designed for both indoor and outdoor measurements in industries such as Architecture, Engineering, Construction, Public Safety and Forensics or Product Design. All devices capture real world information used in the digital world to analyze, collaborate and execute decisions to improve and maintain the overall project and product quality.

The Focus® Laser Scanner series offers advanced functionality. In addition to increased distance, angular accuracy, and range, the Focus® and Focus® Plus scanners' on-site compensation function ensures high-quality measurements, while external accessory bays and HDR functionality make the scanner extremely flexible.



### Benefits

- Confidence in documented data-quality by traceable calibration and market-leading on-site compensation.
- Scan in challenging environments while providing protection from dust, debris and water splashes. Mount the Focus® scanner in an inverted position, such as under a ceiling of a hall.
- The Focus Laser Scanner portfolio offers the most economic 3D scanning solution for all requirements and budgets.
- Minimum training effort is ensured by the intuitive and easy to operate touch-screen interface as well as hands-on and online tutorials.
- Efficient integration into existing software infrastructures and workflows are provided by interfaces to various standard CAD systems.

### Features

#### Accuracy

Highest accuracy and range by using a combination of the most advanced sensor technologies.

#### Rescanning of Distant Targets

The Scan Group feature identifies multiple areas to be rescanned with higher resolution to either perform accurate target detection or to capture smaller areas of interest with greater detail.

#### IP Rating 54 and Extended Temperature Range

With the sealed design and certified with the industry standard Ingress Protection (IP) Rating, IP54, the Focus can be used in wet weather conditions at temperatures from -20°C to 55°C.

#### Compact and Portable

Focus Laser Scanners are the smallest and lightest devices in their performance class.

#### On-Site Compensation

With the on-site compensation functionality, users can verify and adjust the Focus® compensation immediately before scanning, ensuring high-quality scan data and traceable documentation.

#### On-Site Registration

During on-site data capture, the laser scanner immediately transmits scan data wirelessly to FARO SCENE for real-time scan processing and registration, providing efficiency and time savings.

Focus® and Focus® Plus





# Performance Specifications

	Focus <sup>®</sup> Plus 350	Focus <sup>®</sup> Plus 150	Focus <sup>®</sup> 350	Focus <sup>®</sup> 150	Focus <sup>®</sup> 70	Focus <sup>®</sup> 70
Ranging Unit						
Unambiguity Interval	514m for up to 0.5 ml pts/sec 307m at 1 ml pts/sec 153m at 2 ml pts/sec		514m for up to 0.5 ml pts/sec 307m at 1 ml pts/sec		514m for up to 0.5 ml pts/sec 307m at 1 ml pts/sec	
Range						
90% Reflectivity (white)	0.6-350m	0.6-150m	0.6-350m	0.6-150m	0.6-70m	0.6-70m
10% Reflectivity (dark gray)	0.6-150m	0.6-150m	0.6-150m	0.6-150m	0.6-70m	0.6-70m
2% Reflectivity (black)	0.6-50m	0.6-50m	0.6-50m	0.6-50m	0.6-50m	0.6-50m
Range Noise (mm)						
⑩10m 90% (white)	0.1		0.3		0.7	
⑩10m 10% (dark gray)	0.3		0.4		0.8	
⑩10m 2% (black)	0.9		1.3		1.5	
②5m 90% (white)	0.2		0.3		0.7	
②5m 10% (dark gray)	0.5		0.5		0.8	
②5m 2% (black)	1.6		2.0		2.1	
Max. Measurement Speed (ml pts/sec)	Up to 2		Up to 1		Up to 0.6	
Ranging Error <sup>1</sup> (mm)			±1		±3	
Angular Accuracy	19 arc-sec for vertical/horizontal angles					not specified
3D Point Accuracy <sup>2</sup>	2 @10m 3.5 @25m		2 @10m 3.5 @25m		not specified	

Additional Performance Specifications	
Color Unit	
Color Resolution	Up to 165-megapixel color
HDR Camera	Exposure bracketing 2x, 3x, 5x
Parallax	Minimized due to co-sited design
Detection Unit	
Field of View	300° vertical / 360° horizontal
Step Size	0.009 (40,960 3D-pixel on 360° vertical / 0.009 (40,960 3D-pixel on 360° horizontal
Max. Scan Speed	87Hz (vertical)
Laser (Class 1, 1mW max)	
Laser Class	Laser Class 1
Wavelength	1550nm
Beam Divergence	0.3mrad (1/e)
Beam Diameter at Exit	2.12mm (1/e)
Data Handling and Storage	
Data Storage	SDHC™, SDXC™ 32GB, max. 512GB card
Scanner Control	Via 15" touch screen display and WLAN connection. Access by mobile devices with HTML5
Interface Connection	
WLAN	802.11n (150 Mbps), as access point or client in existing networks

Additional Features	
Dual Axis Compensator	Performs a leveling of each scan with an accuracy of 18 arc-sec valid within ±2°
Height Sensor	Via an electronic barometer, the height relative to a fixed point can be detected and added to a scan
Compass <sup>3</sup>	The electronic compass gives the scan an orientation
GNSS	Integrated GPS & GLONASS
On-Site Compensation <sup>4</sup>	Creates current quality report and improves compensation automatically
Accessory Bay <sup>5</sup>	The accessory bay connects versatile accessories to the scanner
Inverse Mounting	Yes
Real-time, On-site Registration in SCENE <sup>6</sup>	Connects to SCENE real-time scan processing and registration overview map
Electronic Automation Interface <sup>7</sup>	Available as option, only at point of sale
Digital Hash Function	Scans are cryptographically hashed and signed by the scanner
Rescanning of Distant Targets	Defined areas recaptured in higher resolution at a greater distance
Retake Photos	Select individual photographs with unwanted objects and retake them

\*Not integrated with the Focus<sup>®</sup> 70

General Specifications	
Power Supply	19V (external supply), 14.2V (internal battery)
Power Consumption	15W (idle), 25W (scanning), 30W (charging)
Battery Service Life	4.5 hours
Temperature	Operating: 5° - 40° C   Extended Operating: 20° - 55° C   Storage: 10° - 50° C
Ingress Protection (IP) Rating Class	IP54
Humidity Resistance	Non-condensing
Weight	4.2 kg (including battery)
Size/Dimensions	230 x 183 x 103mm
Maintenance / Calibration	Recommended annual



1. For a Lambertian scatterer. 2. Ranging noise is defined as a standard deviation of values about the best-fit plane for measurement speed of 122,000 points/sec. 3. Ranging error is defined as a systematic measurement error at around 10m and 25m. 4. It is recommended to perform on-site compensation in the event the unit is exposed to exceptional temperature or mechanical stress. 5. For distances larger than 25m add 0.1mm/m of uncertainty. 6. 2x150°, homogeneous point spacing is not guaranteed. 7. Ferromagnetic objects can disturb the earth magnetic field and lead to inaccurate measurements. 8. Low temperature operation: scanner has to be powered on while internal temperature is at or above 15°C, high temperature operation: additional accessory required.

All accuracy specifications are one sigma, after warm-up and within operating temperature range; unless otherwise noted. Subject to change without prior notice.

Local offices in over 25 countries around the world. Go to [www.faro.com](http://www.faro.com) to learn more.

**FARO Global Headquarters**  
250 Technology Park, Lake Mary, FL 32746, USA  
JS: 800 736 0234 MX: +62 81 4170 3542  
BR: 11 3500 4600 / 0800 892 1192  
Info@faro.com

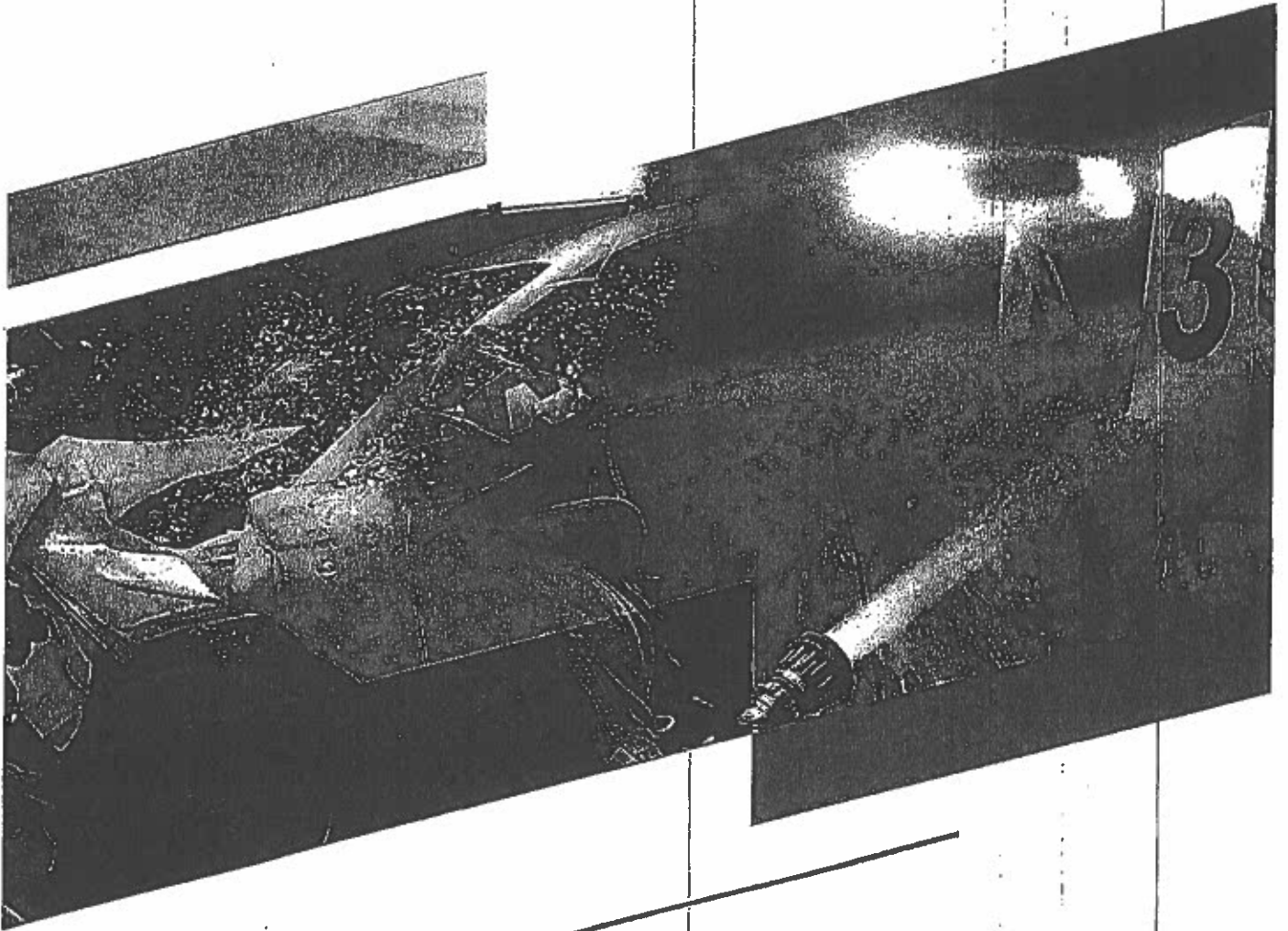
**FARO Europe Regional Headquarters**  
Lingwiesenstr. 11/2  
70825 Komtal-Münchingen, Germany  
00 800 3276 7253  
info.emea@faro.com

**FARO Asia Regional Headquarters**  
No. 3 Changi South Street 2, #01-01 Xilin  
District Centre Building B Singapore, 488548  
+65 65111350  
asia@faro.com





# FARO® Zone Software

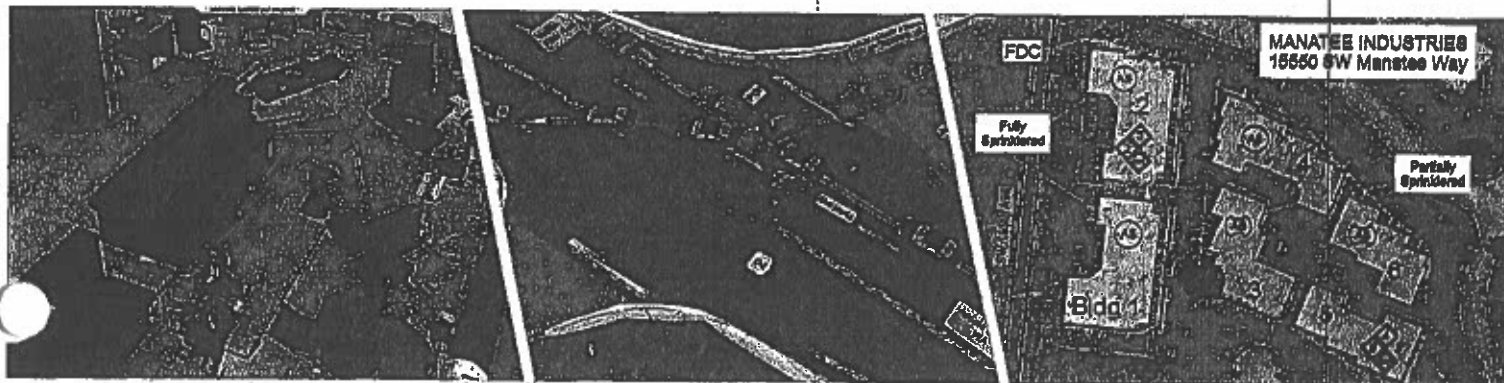


**FARO.**



## FARO Zone software makes scene documentation easy so you can get on with the rest of your job

As a Public Safety professional, measuring and documenting a scene is a critical aspect of your job and one that your team relies on for complete and accurate documentation. FARO Zone enables the creation of factual diagrams and detailed analyses, results that can be presented and shared in a compellingly visual and easy-to-comprehend way.



### Forensic Scene Investigation

- Crime scene investigators can precisely capture body position, applying FARO Zone 3D validated blood spatter analysis and bullet trajectory tools. Having detailed reports, human animations, and flythroughs are a compelling way to present your case.
- Crash reconstructionists use FARO Zone 3D to complete precise diagrams and realistic animations from scene measurements, laser scanner and Event Data Recorder (EDR) data. Analysis tools provide the ability to estimate vehicle speeds with calculations for momentum, crush, skid marks, and more.

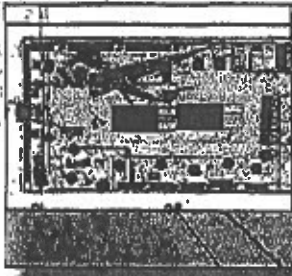
### Crash Report Diagramming

- Use FARO Zone 2D to create simple, yet accurate, crash scene diagrams like those commonly attached to law enforcement crash reports.
- Start with an aerial map of the crash location, add vehicle symbols, signs, and notes, save the diagram (pdf, jpg, or png) and attach it to your report in as little as five minutes.
- Administrative tools are included to set up FARO Zone for all users in the agency to save the diagram to the desired format, size, and location for your reporting system.

### Pre-incident Planning

- With FARO Zone 2D or 3D, it is fast and easy to use an aerial map from Pictometry®, Google, or Bing to create easy-to-read pre-incident and threat assessment diagrams.
- Add a comprehensive 2D floorplan with data captured by FARO® ScanPlan or an architectural diagram. Show doors, stairs, elevators, control panels, hazardous materials, and more, with the pre-drawn symbols that are included.
- Export diagrams to pdf and attach them to your dispatch or pre-planning system so the plans are available to First Responders.





## FARO Zone 3D

For forensic investigators, FARO Zone 3D provides the ability to accurately reconstruct any crash, crime, or fire scene. With this package, you can use manual measurements, aerial maps, and total station data to quickly create 2D and 3D diagrams. Analyze the scene with crash reconstruction, bullet trajectory, and blood spatter analysis tools. Create compelling walk-throughs, reports, and animations to present the case.

- **Precise, Fast Drawings**  
Extensive drawing tools, paired with object grips and automatic snaps, make it easy to create accurate, 2D and 3D diagrams to exact measurements.
- **Save Time**  
Huge library of pre-drawn 2D symbols and 3D models for crash, crime, and fire scenes. Easily import 10 million additional 3D models, from free, online sources.
- **Powerful Analysis Tools**  
Perform comprehensive analysis for bullet trajectory, blood spatter, vehicle momentum, critical speed yaw, speed from skids, road profile, vehicle crush, and more.
- **Compelling 3D Results**  
Create realistic flythroughs, vehicle and human animations with shadows, rain, snow, fog, animated vehicle headlights, brake lights, and traffic lights.
- **Easy to Use**  
An intuitive user interface with constant feedback, helpful how-to videos, comprehensive documentation, and free instructor-led, online training.
- **Compatibility**  
Open diagrams from CAD Zone, ARAS, and other standard CAD formats. Bring in measurements from manual methods, satellite maps, and data from total stations.
- **Share with Anyone**  
Free viewing software and the Zone 2go presentation tool makes it easy to share projects with anyone. No Internet required.

## FARO Zone 3D Advanced

Includes the features of FARO Zone 3D plus the ability to use point clouds from laser scanners and drones. Preserve any forensic scene digitally as a 3D point cloud, then analyze the evidence in the safety of the office. Determine witness perspectives, create extremely realistic animations, and share the results – even in a virtual reality environment. Being prepared for court was never this easy!

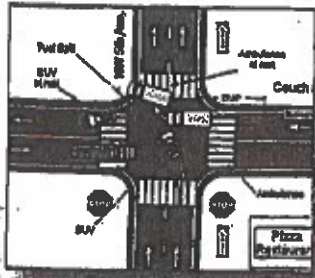
- **Compatible with Point Clouds**  
Open multiple point cloud formats, from laser scanners in .pts and .E57 formats, directly from FARO SCENE projects<sup>1</sup>, and from drones in .las file format.
- **Ensure Accuracy**  
Take all your measurements from the point cloud, snap to specific data points to create diagrams, export chosen points with “virtual surveyor” mode, and use point clouds to create stunning animations and VR scenes.
- **One Software Does It All**  
Register scanned data captured with FARO Focus Laser Scanners<sup>2</sup> so all your work is done in one software application.
- **Easy Workflow**  
Merge and align point clouds, or use point cloud models, to place vehicles that were removed back into the scene of the crash.
- **Photo-Realistic Results**  
Create incredible 3D environments with multiple light sources, grass that grows, and enhanced material textures for stone, brick, wood, metal, water, and more.
- **Custom VR Training Scenarios**  
Turn any scanned scene into an exciting VR training scenario, take photos and measurements, pick up evidence, and swab for DNA samples, all while completely immersed in the VR forensic scene.

<sup>1</sup>Feature available with SCENE version 6 and higher

<sup>2</sup>Feature available with Focus<sup>3</sup> and Focus<sup>4</sup> laser scanners







## FARO Zone 2D

Law enforcement officers can create 2D crash report diagrams in as little as five minutes. This inexpensive software can be easily deployed throughout the entire department. It is also ideal for firefighters who create pre-incident plan diagrams. Clear and consistent diagrams from FARO Zone 2D will improve decision-making and save lives in an emergency when every second counts.

*“Crash reconstruction isn’t about creating Hollywood theatrics, it’s about finding truth through science. FARO Zone 3D is what I use to show the science of a crash.”*

Carl Lakowicz, Northpoint Collision Consultants

### FARO Zone System Requirements

Recommended:	FARO Zone 2D	FARO Zone 3D	FARO Zone 3D Advanced
Operating System	Microsoft Windows 10	Microsoft Windows 10	Microsoft Windows 10
Processor	Intel i5 or equivalent	Intel i7 or equivalent	Intel i7 or equivalent
RAM	4 GB	8 GB	16 GB
Hard Drive	8 GB free	12 GB free	12 GB free
Graphics Card	DirectX 11 compatible card, such as an Nvidia® Quadro 2000, GeForce 400+	DirectX 11 compatible card; If tiling large images 4GB video RAM minimum	GeForce GTX 1060 or better; If tiling large images 4GB video RAM minimum
VR Requirements		Oculus Rift or HTC Vive plus ports required by headset	Oculus Rift or HTC Vive plus ports required by headset

FARO has local offices in over 25 countries around the world. Go to [www.faro.com](http://www.faro.com) to learn more.

**FARO Global Headquarters**  
 250 Technology Park, Lake Mary, FL 32746, USA  
 US: 800 736 0234 MX: +52 81 4170 3542  
 BR: 11 3500 4600 / 0800 892 1192  
 info@faro.com

**FARO Europe Regional Headquarters**  
 Lingwiesenstr. 11/2  
 70825 Korntal-Münchingen, Germany  
 00 800 3276 7253  
 info.emea@faro.com

**FARO Asia Regional Headquarters**  
 No. 3 Changi South Street 2, #01-01 Xilin  
 District Centre Building B Singapore, 486548  
 +65 65111350  
 asia@faro.com



# FARO® SCENE Software

The Most Intuitive and Efficient Software for Scan Data Processing and Registration

Tools for Managing High-Quality 3D Data for Informed Project Decisions

FARO SCENE software is specifically designed for all FARO scanning solutions and third-party laser scanners. Process and manage scan data efficiently and easily by using automatic target recognition, scan registration and validation. Generate high-quality data in full color quickly and conveniently by incorporating images from automated targetless and target-based scan positioning.

Users can begin the evaluation and processing immediately by performing simple measurements, creating stunning 3D visualizations or exporting to various point cloud and CAD formats once SCENE has prepared the scan data. In addition, SCENE features an impressive Virtual Reality (VR) View, allowing users to experience and evaluate captured data in the VR environment.

#### Explore Scan Data in 2D, 3D and Virtual Reality (VR)

Explore scan data in unmatched clarity and visual quality due to solid surface rendering and HDR colorization. Visualization of data in 2D, 3D and VR gives an immersive experience in viewing project point clouds in full detail in the 3D Virtual Reality.

#### Efficient Data Processing

Various tools for scan data filtering improve the cleanliness and color balancing of each scan data set. The automatic filter for moving objects significantly reduces the need for manual cleaning. Batch-Processing allows automated marker detection, scan optimization and scan registration with minimized effort.

#### Easy Data Registration

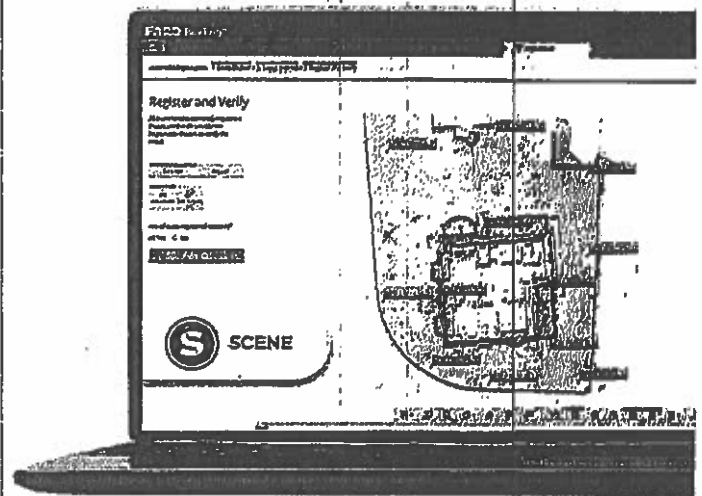
SCENE features professional and automatic workflows for target based and targetless (Cloud2Cloud) scan registration. The powerful on-site registration functionality allows complete scan project processing and registration directly on the measurement site in real time.

#### Intuitive Data Organization

SCENE features a very intuitive and easy to learn user interface. Features such as hierarchical data structure or project history management allow efficient handling of large projects. A seamless integration of scan data is secured through the support of various import and export formats.

#### Plug-Ins and Apps for Extended Functionality

Extend the SCENE functionality with various plug-ins and apps to obtain added value for special workflows and applications.



## Benefits

- Minimize project costs by utilizing automated data processing / registration workflows, fast / versatile scan data export, and a simplified software user interface
- Recreate project results using advanced workflow driven validation tools
- Intuitive and easy to understand reality representation providing immersive viewing capabilities to explore and evaluate scan data
- Leave the project site with confidence through the power of real time, on-site registration and the ability to retake photos
- Best user experience with FARO scanning devices and FARO application specific software tools
- Share and collaborate worldwide anytime, anywhere with SCENE WebShare Cloud - a hosted web-based service from FARO for easy and secure sharing of scan project data



## Processing Scan Data

- Automatic search for artificial (spheres, checkerboards, coded markers) or natural references (corner points, planes etc.)
- Diverse registration methods to place the scans automatically by detected targets, cloud-to-cloud or top view based
- Improved registration results through intelligent fine registration and additive verification
- Automatic coloring of the scans with the high-resolution color photographs or Laser-HDR color option
- Filters (including "dark points", and "stray points"), optional Edge Artifact filter for additional noise reduction
- Supports creation of fully textured meshes that can be brought into other applications as color, 3D models
- On-site compensation: verification and adjustment of the scanner's compensation, available for the new Focus<sup>S</sup> devices
- On-site registration: processing and registration of scans during scanning on site, function applies only to FARO Focus<sup>S</sup> Series Laser Scanners
- Moving Objects Filter automatically removes unwanted objects from registered scan data that moved through a scene while it was being scanned, such as people or vehicles
- Fast and versatile exporting of scan data as a project, cluster, single scan, or sections of scans into Autodesk<sup>®</sup> RCP/RCS point cloud format

## Data Management of Extensive Projects

- Project database with project history
- Graphical project view to manage all existing scan projects
- Bundling of an unlimited number of scans to one project
- Printable registration reports (PDF)

## Data Sharing

- Fully integrates with the SCENE WebShare Cloud service
- Utilize the SCENE 2go App from a USB flash drive to share projects with clients for data exploration

## Import & Export

- Optimized to work with FARO Focus, Freestyle and Swift data
- Control points for geo-referencing (.cor, .csv)
- Scan points (FARO Scan, FARO Cloud, ASTM E57, .txt, .xyz, .xyb, .pts, .ptx, .ptz, .pod)
- Import digital photos (.jpg, .png, .bmp, .tif)
- Export panoramic images (.jpg), export orthophotos (.tiff, .png, .jpg, .bmp and .dxf)
- Export meshes in standard formats (.stl, .obj, .ply and .wrl (VRML))



## Project Exploration

- The ability to take measurements
- Documentation objects to add notes and attach external documents via hyperlink technology
- Extended capabilities using FARO or 3rd party app

## Views

- Closed 3D surfaces rendering with full-color detail
- 3D View, Planar View & Quick View
- Virtual Reality View with exploration tools
- Stereoscopic visualization with suitable graphics board and 3D capable device
- Correspondence view to control scan placement on the screen
- Multiple clipping boxes to control the visible parts of point clouds in 3D View
- Overview Map

## Technical Requirements (Recommended)

<b>Hardware</b>	Intel Core i7/i9/xeon, 8 physical cores, 64 GB RAM, OpenGL 4.3, 1 TB Solid State Drive + Regular HDD, Screen resolution 1920x1080 px
<b>Graphics Card</b>	Dedicated graphics card, OpenGL 4.3, DirectX 11 Feature Level 11.0 or higher, at least 8 GB Memory; For Stereo Rendering and Viewing: NVIDIA Quadro; For VR Rendering and Viewing: NVIDIA 1080GTX or similar, Supported VR 3D Headsets: Oculus Rift S or HTC Vive with Touch Controllers, SteamVR
<b>Operating System</b>	64-bit Windows <sup>®</sup> 10
<b>Accessories</b>	3D Connexion Space Mouse with latest drivers (settings described in the User Manual), Network card is required for licensing SCENE

For on-site registration (with scan resolution of 1/5, Quality 3, colorization and - 40 scans in a row) the following system specifications are sufficient: Processor: i7 8665U, Graphics: Intel UHD 620 Graphics, RAM: 16GB, Hard drive: SSD 500GB, Screen: 12" Full HD anti glare, OS: Windows<sup>®</sup> 10 Pro 64-Bit

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Lingwiesenstr. 11/2  
70825 Korntal-Münchingen, Germany  
00 800 3276 7253

**FARO Asia Regional Headquarters**  
No. 3 Changi South Street 2, #01-01 Xilin  
District Centre Building B Singapore, 486548  
+65 65111350

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SFDC\_D4MKCT\_506 Revised: 03/6/2021





FARO Technologies, Inc.  
250 Technology Park  
Lake Mary FL 32746-7115  
Phone No: 407-333-9911  
Fax No: 407-333-4181

Remit to:  
FARO Technologies, Inc.  
P.O. Box 116908  
Atlanta, GA 30368-6908

Email: tony.wayne@faro.com

Bill To:  
Wheeling Police Department  
1500 Chapline St  
#109  
26003-3553 Wheeling, WV  
USA

Ship To:  
Wheeling Police Department  
Ryan Ferrell  
1500 Chapline St  
26003-3553 Wheeling, WV  
USA

Contact Person: Ryan Ferrell

Quotation No: 20438046  
Quotation Date: 12/21/2021  
Expiration Date: 01/20/2022  
Regional Manager: Craig Cupach  
Account Manager: Tony Wayne  
Sales Support: Bob Zink  
Ship: Standard/Ground  
Payment Terms: Net due in 30 days  
Delivery Terms: EXW Origin  
Lead Time: 2-6 Weeks

Item No.	Description	Qty	Amount
LS-8-M-70	3D_HW_LS_FOCUS_M-70  Laser Scanner Focus M 70 ships with: 1x Focus M 70, 1x Quick Release, HDR photography, GPS, compass, altimeter (barometer), dual-axis compensator, 1x Power Block Battery, 1x Battery Power Dock, 1x Power Supply, 1x 32GB SD card and reader, 1x rugged transport case, calibration certificate, manufacturer warranty and a quick start guide.	1	24,020.00
ACCS-PWR-0014	3D_AC_LS_FocusS Battery Power Block  Power Block battery for Focus laser scanner and Freestyle.	1	551.00
ACCSS8032	3D_AC_LS_Standard Carbon Fiber Tripod	1	1,083.00





Item No.	Description	Qty	Amount
	Carbon fiber tripod, super lightweight, highly stable, low-vibration, customized for Focus scanners for perfect performance and increased durability.		
SOFTD0900	SCENE  SCENE. New license. Includes 1-year of standard maintenance. License container sold separately.	1	5,804.50
SOFTD51002	FARO Zone 3D Advanced Digital Download  Advanced version of FARO Zone 3D with the added ability to open SCENE projects and import other point clouds. Includes one (1) year of maintenance. Digital Download	1	2,378.80
SOFTL0001	Single User Soft Lock  Soft lock for one single user license. Software licenses purchased separately. Can be used together with FARO SCENE, CAM2, FARO Zone, As-Built, and RevEng Software products.	2	0.00
ACCSS0287	200mm Koppa Target W/ Tripod Mount Kit	1	2,764.50



Item No.	Description	Qty	Amount
	<p>A complete package of target spheres along with tripods and other accessories, shipped in 2 crates. Spheres are sprayed with #KoppaTuff<sup>®</sup> coating. The first crate contains a 6 pack of 200mm target spheres with magnetic bases and individual cotton storage/handling bags, and 6 1/4-20 camera tripod mount plates. The second crate contains tripods and accessories that provide most of the standard mounting options for use in the field. Included are 6 camera tripods, 3 small flexible tripods, 3 traffic cone Adapters, and a dozen 2" fender washers.</p>		
TR-FZ3-COR	FZ Core	1	0.00
	<p>Two consecutive day, consisting of four-hour virtual classroom training. The FARO Zone 3D Core training is specifically designed to assist new users.</p>		
TR-SCN-POS-FOR-O	OnSite Forensics Cust-Site Upg. 5 Day	1	8,673.50
	<p>Available only at point of FARO system sale. Customer Site Upgrade - five day course that discusses forensic applications with FARO Scanner with FARO Software, setup, and basic measurements. Customer Site Trainings are designed for up to 4 people to ensure proper transfer of knowledge and understanding. Price per class. Training days must be taken together on consecutive days, and cannot be split into individual days.</p>		



Total Unit Price  
Total Discount  
Shipping & Handling

51,890.00  
6,614.70-  
22.79

Total USD

45,298.09

Signature: \_\_\_\_\_ Print: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Print: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\*Any order over \$150,000 will need a secondary signature to process your order.



## Optional Item

Item No.	Description	Qty	Unit Price	Discount	Amount
SMAR51002-1Y	FARO Zone 3D Advanced Maint 1Y Rnwl  FARO Zone 3D Advanced annual maintenance renewal Includes product updates and upgrades (as available), including top tier technical support for one (1) year. Customer must be on the most current software	1	1,090.00	0.00	1,090.00
SMAR0900-1Y	SCENE MAINT - 1Y RNWL  SCENE. Extends maintenance contract of existing license by 1-year.	1	1,180.00	0.00	1,180.00
SV2-SCNB-1Y-R	FOCUS Lite Complete Care-1 Yr. Rnwl.  Complete Care service plan Includes parts and labor for repair and annual cleaning and calibration. One additional year of coverage.	1	2,300.00	0.00	2,300.00
COMP0123X64	VR Ready Notebook  High-end notebook computer. Contact your FARO representative for current specifications.	1	5,320.00	266.00	5,054.00





## COVID-19

FARO does not assume any risk for (i) late deliveries of goods, (ii) customers' inability or impracticability to receive or use our devices or software, and for (iii) delivery disruptions, that are due to the COVID-19 pandemic and ensuing government measures (shut downs, lock-downs, quarantines).

**PURCHASE AGREEMENT AND CONDITIONS OF SALE:** As a condition of this agreement, the applicable contract terms are FARO's Standard Terms and Conditions of Sale, or, if the Parties have entered into current master sales terms, such negotiated master terms.

The FARO Standard Terms and Conditions can be found at the following Web link (if such is not an active link, please copy and paste the Web address into a Web browser):

[https://www.faro.com/terms/FARO\\_Standard\\_Terms\\_and\\_Conditions\\_Global\\_20180806\\_ENG.pdf](https://www.faro.com/terms/FARO_Standard_Terms_and_Conditions_Global_20180806_ENG.pdf)

You can also obtain the terms from your FARO sales representative or please email [Legal@faro.com](mailto:Legal@faro.com) for a copy.

The following article contains all our calibration information under their respective product headings

[https://knowledge.faro.com/Essentials/Hardware/Compensation\\_Calibration\\_and\\_Certification\\_Standards\\_for\\_FARO\\_Devices](https://knowledge.faro.com/Essentials/Hardware/Compensation_Calibration_and_Certification_Standards_for_FARO_Devices)



**Wheeling Police Department**

**Cpl Jason Martin  
K9 Team Leader & sUAS  
Flight Operations Manager**

**2115 Chapline Street  
Wheeling, WV 26003**



**304-234-3664  
Voicemail ext. 2813**

**Jmartin@wheelingwv.gov**

**WV0350100**

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**MEMORANDUM**

**TO: Chief Schwertfeger**

**FROM: Cpl Jason Martin**

**DATE: 2/2/2025**

**SUBJECT: Capital Outlay – Drone mapping and 3D modeling equipment**

**When our small unmanned ariel systems (drone) program started in 2022 a strategic goal was to add the ability to map and complete 3D models of crime scenes, and crash scenes. This equipment would allow that goal to be achieved. Being able to map crime scenes, and crash scenes with centimeter level accuracy not only would greatly benefit our Investigations Division and Accident Reconstruction Team but would put the Wheeling Police Department at the forefront of drone mapping technology not seen anywhere else in this area.**

**It was a goal of mine since the inception of our small unmanned ariel systems program to place the City of Wheeling and the Wheeling Police Department at the top when it comes to the use and training of drone technology as it relates to law enforcement operations. The capital outlay request for this equipment not only is a continuation of that goal to be the standard in which other departments strive to achieve in their drone programs but also bring beneficial tools to this department.**

**Total cost of equipment and training: \$26,499.99**

**Cost breakdown & explanation of equipment:**

- 1. DJI Terra Pro - \$4,400.00**



- a. **DJI Terra Pro is a computer program where all the data collected from the drone flight is entered into which makes the final product. This would be purchased from the DJI website.**
- 2. Steel City Drones mapping equipment bundle - \$6,700.00**
  - a. **2 Emlid RS2+ GNSS receivers.**
  - b. **1 Seco Tri-Max standard dual clamp wooden tripod.**
  - c. **1 Emlid survey pole with smartphone mount.**
  - d. **1 Seco bipod.**
  - e. **1 SitePro tribrach.**
  - f. **1 Tribach adapter**
  - g. **1 Emlid RS3/RS2+ extension pole.**
    - i. **The mapping equipment bundle contains the GNSS receivers and tripods/mounts needed to collect the necessary GNSS data which gives the maps that are created their centimeter level accuracy.**
- 3. Zenmuse P1 camera with Care Enterprise Basic - \$6,250.00**
  - a. **The Zenmuse P1 camera is a camera that mounts to the gimbal of Matrice M300 drone the city already has. This camera is needed for the high-quality photos that need to be taken to create the maps and 3D models.**
- 4. 5 custom GCP (Ground Control Point) markers - \$500.00**
  - a. **Ground control point markers work in conjunction with the GNSS receivers as a visual refence in photos where corrected GNSS data is. This allows the officer making the maps to place the data in the correct area which in turn gives us the centimeter level accuracy.**
- 5. Hoodman 5ft sky ruler - \$99.99**
  - a. **A ruler used for measurements from a drone just like a ruler would be used in normal crime scene photographs for measurements.**
- 6. 4-day onsite training at Steel City Drone, Pittsburgh - \$8,500.00**
  - a. **Hands on training on how to properly deploy all the equipment listed above. This training would be for 3 pilots. Training would**



be done within the department for any remaining members of the team.

Other than DJI Terra Pro program which would be purchased from the DJI website, the rest of the equipment all comes from Steel City Drones.

A handwritten signature in black ink, consisting of a stylized initial 'D' followed by a long horizontal line.





# DJI Terra Pro Permanent (1)

USD \$4,400

 1% DJI Credit Reward



DJI Terra is 3D reconstruction software <sup>[1]</sup> that has photogrammetry technology. It supports a range of accurate and efficient 2D or 3D reconstruction of visible light and data processing through DJI Zenmuse <sup>[2]</sup>. It works in conjunction to build a complete application for various verticals such as land surveying and mapping, power emergency services, construction, transportation, and agriculture.

- 2D and 3D visible light reconstruction <sup>[3]</sup>: You can import raw data to obtain a high-precision 2D orthophoto map and a real-time 3D model.
- LIDAR data processing: When working with the DJI Zenmuse <sup>[4]</sup>, you can generate high-precision results such as true-color point cloud classification with one click.
- Multispectral reconstruction <sup>[4]</sup>: DJI Terra supports radiometric and reflectance map outputs for scientific research of remote sensing. It also generates vegetation index maps such as NDVI and NDWI.
- Real-time reconstruction <sup>[5]</sup>: DJI Terra can generate 2D or 3D models in real time during flights and outputs results as follows:
- Detailed inspection <sup>[6]</sup>: DJI Terra can automatically generate inspection flight routes after target points are added based on point clouds. This way, the inspection process is automated.

<sup>[1]</sup> Manual introduction: DJI Terra software user manual

US\$ 4,400





.



**Steel City Drones LLC**

600 N Bell Ave Bldg 2 Ste 125  
Carnegie, PA 15106  
129801941  
support@steelcitydrones.com



**Estimate**

ADDRESS  
Jason Martin  
2115 Chapline St  
Wheeling, WV 26003

SHIP TO  
Jason Martin  
2115 Chapline St  
Wheeling, WV 26003

ESTIMATE 3689  
DATE 01/28/2025

DESCRIPTION	QTY	RATE	AMOUNT
Steel City Drones mapping equipment that includes (2) Emlid RS2+ GNSS receivers, (1) Seco Tri-Max Standard Dual Clamp Tripod wooden tripod, (1) Emlid Survey Pole with smartphone mount, (1) Seco Bipod, (1) SitePro Tribach, (1) Tribach adapter, and (1) Emlid RS3/RS2+ extension pole	1	6,700.00	6,700.00
Zenmuse P1 (NA) with Care Enterprise Basic (P1)	1	6,250.00	6,250.00
5 Custom GCP markers	5	100.00	500.00
Hoodman 5 ft sky ruler	1	99.99	99.99
* days of onsite training at Steel City Drones facility	1	8,500.00	8,500.00

We are accepting online payments.

SUBTOTAL	22,049.99
TAX	0.00
<b>TOTAL</b>	<b>\$22,049.99</b>

Accepted By

Accepted Date





Wheeling Police Department  
2115 Chapline Street  
Wheeling, WV 26003  
Phone: (304) 234-3664  
Fax: (304) 234-3624  
[wheelingwv.gov/police](http://wheelingwv.gov/police)

## MEMORANDUM

**TO :** Chief R.S. Schwertfeger

**FROM :** Lt. Josh Sanders

**DATE :** January 31, 2024

**RE :** **New Harley Purchase / Addition to budget**

Chief,

The purpose of this memo is to request an additional \$32,000.00 to the Capital Outlay or Harley Motorcycles budget for budget year 2024 for the purchase of a new Harley Davidson Patrol Motorcycle. We have not added a new motorcycle to the fleet since 2015. While we have not recently had a full-time traffic unit, I do hope that a significant hiring process may add to our traffic unit. Also, we have a lot of younger officers who have expressed interest in being a motor officer. Further, thanks to the motivation of officers like Cpl. Mitchell and Ofc. Ryan the motors seem to be getting more use than in previous years.

The motors that we currently have are getting old and have miles in the higher levels for a motorcycle. Often, we have had issues with breakdowns and malfunctioning equipment. We have had to send both bikes for upgrades to lights and sirens at BearCom in the previous 2 years.

The purchase of a brand-new bike will give us an opportunity to add to our fleet and give us an older bike as a spare or addition to special events as well as use as a training bike. Additionally, motorcycles are often extremely effective for special events, and highway safety efforts, so adding an additional resource to both of those will improve our ability to achieve our mission more effectively.

Attached is this memo is a quote from Valley Harley Davidson, which would sell us the bike at cost, \$19,465.00. That front page includes "charges and fees," \$12,044.86, which includes the cost of a new tour pack and potentially all the light options. This is a total of \$31,509. 86. I am requesting an even number of \$32,000.00 in case there are additional fees or charges, which currently include registration, docking fee etc., but to also leave room in case there are additions to options with lights and tour pack. The hope is that it would actually cost less than the quoted number, but it feels prudent to



increase my request in case there are additions when it comes time to make the purchase. Please see other supplemental documents from the HD website.





VEHICLE SALES QUOTE

CUSTOMER: CITY OF WHEELING  
1500 CHAPLINE ST  
WHEELING WV 26003

VEHICLE:  
Stock:  
Color:  
Cycles:  
Mileage:  
VIN:

TRADE:  
Color:  
Cycles:  
Mileage:  
VIN:

SALES INFO:	Sell Price	19,465.00
	Accessories & Labor	0.00
	Total Deal Add-On	0.00
	ESP	0.00
	PPM	0.00
	Payment Protection	0.00
	Charges & Fees	12,044.86
	Total Taxes	0.00
	Trade Allowances	0.00
	Trade Payoff	0.00
	Total Deposits	0.00
	Cash Down	0.00
	Rebate	0.00
	Total Due	31,509.86
	Amount Financed	0.00
	Monthly Payment(s) of	0.00
	APR	

GOOD UNTIL: 1/31/24  
QUOTE BY:  
NOTES:

Buy 4 or more  
- \$500



4:58PM

DEALER COPY

VALLEY HARLEY-DAVIDSON  
127 FORT HENRY RD  
TRIADELPHIA, WV 26059-0000  
(304) 243-9300



Customer: 2442  
CITY OF WHEELING  
1500 CHAPLINE ST

W.O. Number: 39596

Appointment: 1/30/24 4:33PM Mileage In:

Offered Back: Mileage Out: 0

Year: Shop Tag:

Mfg: Plate No:

Model: Service Advisor: JDP

VIN: Sold By: JDP

Color: Invoice No: 0

Ref. No.: Dr. Lic #: F7

WHEELING, WV 26003

Phone: (304)234-3664

Work: (030)423-4367

Ext:

Fax: (000)234-6425

Mobile:

P.O. No:

Tax No:

Tax Exempt: Yes

Comments:

Item Number / Job Code	Item Description / Labor Description	Delivered Quantity / Hours	Price Each / Hourly Rate	Extended Amount
------------------------	--------------------------------------	----------------------------	--------------------------	-----------------

<b>Event Number: 1</b>	<b>Type: R</b>
------------------------	----------------

Description: POLICE BUILD

26800128	KIT,FAN,FAIRING, W/MFD	1.00	319.99	319.99
50000023	JIFFYSTAND EXTENSION KIT,	1.00	43.99	43.99
53000712DH	KIT,T-PAK,POCE,W/EMER LTG	1.00	2,151.99	2,151.99
53196-09	POLICE T-P ADAPTER PLATE	1.00	122.99	122.99
57000529	KIT-AIR DEFLECTORS,ADJUST	1.00	164.99	164.99
66000343	KIT,BAT,17,5AH	1.00	162.99	162.99
67801148	KIT,TL/TS,LED,FRONT,AMBER	1.00	124.99	124.99
67801329	KIT,TL/TS,LED,REAR,RED	1.00	122.99	122.99
68000137	KIT-EMERGENCY LIGHT,TOUR-	1.00	104.99	104.99
68000277	KIT,LTG,TOUR PACK EMER,1,	3.00	309.99	929.97
68000278	KIT,LTG,TOUR PACK EMER,2,	1.00	489.99	489.99
68000279	KIT,LTG,POLICE SPLICE BOX	1.00	54.99	54.99
68000283	KIT,LTG,TOUR PACK EMER,4,	1.00	125.99	125.99
68000285	KIT,LTG,TOUR PACK EMER,4,	1.00	125.99	125.99
68000286	KIT,LTG,TOUR PACK EMER,3	4.00	164.99	659.96
68000288	KIT,LTG,LIGHT ARRAY	1.00	956.99	956.99
68000289A	KIT,LTG,PAR36,RED W/STEAD	1.00	283.99	283.99
68000290A	KIT,LTG,PAR36,BLUE W/STEA	1.00	283.99	283.99
69201092	HARNASS,SPKR INTRCNCT,STA	3.00	66.99	200.97
69202610	KIT,HARN/WRG,PWR INP,POCE	1.00	23.99	23.99
71718-02	KIT SWITCH ROCKER	1.00	23.99	23.99
76001039	KIT,INFOT,POCE AUD,W/SVCE	1.00	1,278.99	1,278.99
90201903	KIT,S-BAG,GUARD RAIL,CHRM	1.00	339.99	339.99
LABOR	Job Code: 0			1,788.00

Work Description: POLICE BUILD

Sub-total For Event (without Tax): 10,887.70



1/30/24  
4:58PM

WORK ORDER ESTIMATE  
DEALER COPY

VALLEY HARLEY-DAVIDSON  
127 FORT HENRY RD  
TRIADELPHIA, WV 26059-0000  
(304) 243-9300



W.O. Number: 39596

Customer: 2442  
CITY OF WHEELING  
1500 CHAPLINE ST

Appointment: 1/30/24 4:33PM Mileage In:  
Offered Back: Mileage Out: 0  
Year: Shop Tag:  
Mfg: Plate No:  
Model: Service Advisor: JDP  
VIN: Sold By: JDP  
Color: Invoice No: 0  
Ref. No.: Dir. Lic #: F7

WHEELING, WV 26003

Phone: (304)234-3664 Work: (030)423-4367 Ext:  
Fax: (000)234-6425 Mobile:  
P.O. No: Tax No: Tax Exempt: Yes

Comments:

Item Number / Job Code	Item Description / Labor Description	Delivered Quantity / Hours	Price Each / Hourly Rate	Extended Amount
------------------------	--------------------------------------	----------------------------	--------------------------	-----------------

This Is An Estimate Only!  
Prices Subject To Change!  
Not a Receipt!  
\* Indicates Special Order Item

SO/Layaway Deposit: 0.00  
Work Order Deposits: 0.00

Item Total: 9,099.70  
Labor Total: 1,788.00  
Contract Labor: 0.00  
Shop Supplies: 50.00  
Storage Fees: 0.00  
Tax Total: 0.00  
Deductible(s) Total: 0.00  
Work Order Total: 10,937.70  
Deposits: 0.00  
Total Balance Due: 10,937.70

THANK YOU FOR YOUR BUSINESS! WE APPRECIATE YOU!  
NO RETURNS ON ELECTRICAL PARTS  
PARTS, ACCESSORIES AND LABOR ESTIMATES ARE VALID FOR 7 DAYS

Disclaimer of Warranties

Any Warranties on the products sold hereby are those made by the manufacturer. The seller, Valley Harley-Davidson, hereby expressly disclaims all warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. Therefore, with respect to the seller, product is sold "as is" and the entire risk as to quality and performance of the said product is with the buyer and/or manufacturer, and if the product proves defective after the purchase, the buyer and/or manufacturer, not the seller shall assume the entire cost of all necessary servicing or repair.

I hereby authorize the repair work hereinafter set forth to be done along with the necessary materials and agree that you are not responsible for loss or damage to vehicle or articles left in the vehicle in case of fire, theft or any other cause beyond your control or for any delay caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you and/or your employees permission to operate the vehicle herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs hereto.

Take-off parts must be picked up within seven days of work completion. Please circle take-off parts instructions. DISCARD or SAVE

After seven days of work being completed, take-off parts become property of Valley Harley-Davidson and will be disposed of as necessary.

CUSTOMER  
SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_



HARLEY-DAVIDSON

# 2024 POLICE SPECS







HARLEY-DAVIDSON®

# ROAD GLIDE®



## HIGHLIGHTS

- Mechanical Adjustable Actuation Clutch
- Limited 3 year, 60,000 mile factory warranty
  - Police Duty Use only
  - Fully Transferable
  - Expires at 3 years or 60,000 miles, whichever comes first

## MODEL UNIQUE FEATURES

- Rider Safety Enhancements
  - Cornering Enhanced ABS (C-ABS)
  - Cornering Enhanced Electronic Linked Braking (C-ELB)
  - Cornering Enhanced Traction Control System (C-TCS)
  - Drag-Torque Slip Control System (DSCS)
  - Vehicle Hold Control (VHC)
  - Tire Pressure Monitoring System (TPMS)
- Fan-assisted oil cooler
- Sharknose fairing
- Floating, dual-front open brake rotors
- Heated hand grips with adjustable six-setting heat control
- 2-1-2 exhaust with dual tapered mufflers
- Dual law enforcement blue license plate marker lamps (OEM standard)
- Pivoting footboards with heel/toe shift lever
- Dual Daymaker LED Headlamps
- Reflex® Linked Brembo® Brakes with ABS
- 4-piston front and rear caliper
- Trigger switch activation allows approx. 15 minutes of power to police emergency equipment with ignition off
- Independent hazard warning switch
- Emergency light switch with 4 functions and individual indicator lights for: Off, Both Front and Rear On, Front On only, Rear On only
- Saddlebags with One-Touch latch, standard saddlebag guard and luggage locks, common with ignition key

## DIMENSIONS

Length	<b>94.5 in.</b> (2400 mm)
Overall Width	<b>35.6 in.</b> (905 mm)
Overall Height	<b>56.6 in.</b> (1438 mm)
Seat Height	<b>Laden<sup>2</sup> 27.3 in.</b> (695 mm) <b>Unladen 31.7 in.</b> (805 mm)
Ground Clearance	<b>5.3 in.</b> (135 mm)
Rake (Steering Head)	<b>26°</b>
Fork Angle	<b>29.25°</b>
Trail	<b>6.7 in.</b> (170 mm)
Wheelbase	<b>63.9 in.</b> (1623 mm)
Fuel Capacity	<b>6 gal.</b> (22.7 L) <i>(warning light at approximately 1 gal.)</i>
Weight	<ul style="list-style-type: none"> <li>• As Shipped <b>817 lb.</b> (370 kg)</li> <li>• In Running Order <b>855 lb.</b> (387 kg)</li> <li>• Gross Vehicle Weight Rating <b>1360 lb.</b> (617 kg)</li> <li>• Gross Axle Weight Rating                             <ul style="list-style-type: none"> <li>- Front <b>500 lb.</b> (227 kg)</li> <li>- Rear <b>927 lb.</b> (420 kg)</li> </ul> </li> </ul>

## ENGINE

Engine	<b>Milwaukee-Eight® 114 Engine</b>
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>4.016 in. x 4.5 in.</b> (102 mm x 114 mm)
Displacement	<b>114 cu. in.</b> (1868 cc)
Compression Ratio	<b>10.5:1</b>

## PERFORMANCE

Engine Torque <sup>3</sup> (per J1349):	
• North America	<b>122 ft. lb. @ 2750 RPM</b> (165 Nm @ 2750 RPM)
Lean Angle (per J1168):	
• Right	<b>32°</b>
• Left	<b>32°</b>
Fuel Economy <sup>4</sup>	<b>43 mpg</b> (EPA estimate - combined MPG) (5.5 L/100 km)

## CHASSIS

Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded.
Swingarm	Mild steel, two-piece drawn and welded section, forged junctions, MIG welded
Front Fork	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels	Impeller Cast Aluminum
• Front	<b>17 in. x 3 in.</b> (432 mm x 76 mm)
• Rear	<b>16 in. x 5 in.</b> (406 mm x 127 mm)
Brakes	
• Caliper Type	32 mm, 4-piston front and rear
• Rotor Type (diameter x width):	
- Front (dual floating rotors)	<b>11.8 in. x 0.2 in.</b> (300 mm x 5.1 mm)
- Rear (fixed rotor)	<b>11.8 in. x 0.28 in.</b> (300 mm x 7.1 mm)
• Anti-lock Braking System	Standard
Suspension Travel	
• Front Wheel	<b>4.6 in.</b> (117 mm)
• Rear Wheel	<b>3 in.</b> (76 mm)

1 North America security system includes immobilizer; outside North America, the security system includes immobilizer and siren.  
 2 Measurement reflects 180 lb. (81.7 kg) operator weight.  
 3 Values shown are nominal.  
 4 The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break-in mileage may vary.

Visit H-D.com/Police for additional specifications and available color options.

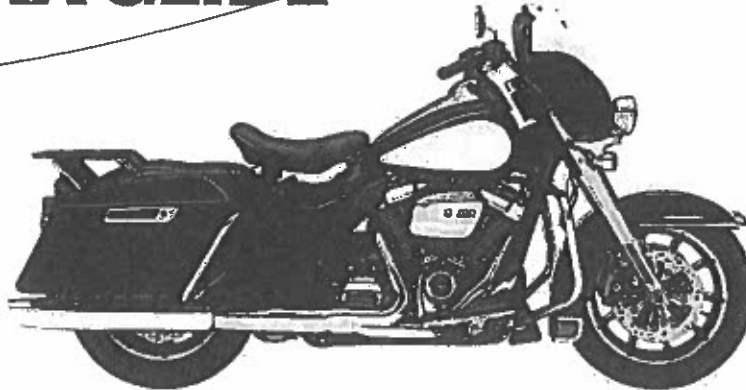


HARLEY-DAVIDSON

# ELECTRA GLIDE®



*Juste is  
for this*



## HIGHLIGHTS

- Mechanical Adjustable Actuation Clutch
- Limited 3 year, 60,000 mile factory warranty
  - Police Duty Use only
  - Fully Transferable
  - Expires at 3 years or 60,000 miles, whichever comes first

## MODEL UNIQUE FEATURES

- Rider Safety Enhancements
  - Cornering Enhanced ABS (C-ABS)
  - Cornering Enhanced Electronic Linked Braking (C-ELB)
  - Cornering Enhanced Traction Control System (C-TCS)
  - Drag-Torque Slip Control System (DSCS)
  - Vehicle Hold Control (VHC)
  - Tire Pressure Monitoring System (TPMS)
- Handlebar with bar ends turned higher to provide more clearance to the operator's legs
- Fan-assisted oil cooler
- Batwing fairing
- Floating, dual-front open brake rotors
- Heated hand grips with adjustable six-setting heat control
- 2-1-2 exhaust with dual tapered mufflers
- Dual law enforcement blue license plate marker lamps (OEM standard)
- Pivoting footboards with heel/toe shift lever
- Daymaker® LED headlight
- Reflex™ Linked Brembo® Brakes with ABS
- 4-piston front and rear caliper
- Trigger switch activation allows approx. 15 minutes of power to police emergency equipment with ignition off
- Independent hazard warning switch
- Emergency light switch with 4 functions and individual indicator lights for: Off, Both Front and Rear On, Front On only, Rear On only
- Saddlebags with One-Touch latch, standard saddlebag guard and luggage locks, common with ignition key

## DIMENSIONS

Length	<b>94.7 in.</b> (2405 mm)
Overall Width	<b>37.8 in.</b> (960 mm)
Overall Height	<b>57.1 in.</b> (1450 mm)
Seat Height	<b>Laden* 27.3 in.</b> (695 mm) <b>Unladen 31.7 in.</b> (805 mm)
Ground Clearance	<b>5.3 in.</b> (135 mm)
Rake (Steering Head)	<b>26°</b>
Fork Angle	<b>29.25°</b>
Trail	<b>6.7 in.</b> (170 mm)
Wheelbase	<b>64 in.</b> (1625 mm)
Fuel Capacity	<b>6 gal.</b> (22.7 L) <i>(warning light at approximately 1 gal.)</i>
Weight	<ul style="list-style-type: none"> <li>• As Shipped <b>809 lb.</b> (367 kg)</li> <li>• In Running Order <b>844 lb.</b> (383 kg)</li> <li>• Gross Vehicle Weight Rating <b>1360 lb.</b> (617 kg)</li> <li>• Gross Axle Weight Rating                             <ul style="list-style-type: none"> <li>- Front <b>500 lb.</b> (227 kg)</li> <li>- Rear <b>927 lb.</b> (420 kg)</li> </ul> </li> </ul>

## ENGINE

Engine	<b>Milwaukee-Eight™ 114 Engine</b>
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>4.016 in. x 4.5 in.</b> (102 mm x 114 mm)
Displacement	<b>114 cu. in.</b> (1868 cc)
Compression Ratio	<b>10.5:1</b>

## PERFORMANCE

Engine Torque <sup>3</sup> (per J1349):	
• North America	<b>122 ft. lb. @ 2750 RPM</b> (165 Nm @ 2750 RPM)
Lean Angle (per J1168):	
• Right	<b>32°</b>
• Left	<b>32°</b>
Fuel Economy <sup>4</sup> (EPA estimate - combined MPG)	<b>43 mpg</b> (5.5 L/100 km)

## CHASSIS

Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded.
Swingarm	Mild steel, two-piece drawn and welded section, forged junctions, MIG welded
Front Fork	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels	Impeller Cast Aluminum
• Front	<b>17 in. x 3 in.</b> (432 mm x 76 mm)
• Rear	<b>16 in. x 5 in.</b> (406 mm x 127 mm)
Brakes	<ul style="list-style-type: none"> <li>• Caliper Type 32 mm, 4-piston front and rear</li> <li>• Rotor Type (diameter x width):                             <ul style="list-style-type: none"> <li>- Front (dual floating rotors) <b>11.8 in. x 0.2 in.</b> (300 mm x 5.1 mm)</li> <li>- Rear (fixed rotor) <b>11.8 in. x 0.28 in.</b> (300 mm x 7.1 mm)</li> </ul> </li> </ul>
• Anti-lock Braking System	Standard
Suspension Travel	
• Front Wheel	<b>4.6 in.</b> (117 mm)
• Rear Wheel	<b>3 in.</b> (76 mm)

1 North America security system includes immobilizer; outside North America, the security system includes immobilizer and siren.

2 Measurement reflects 180 lb. (81.7 kg) operator weight.

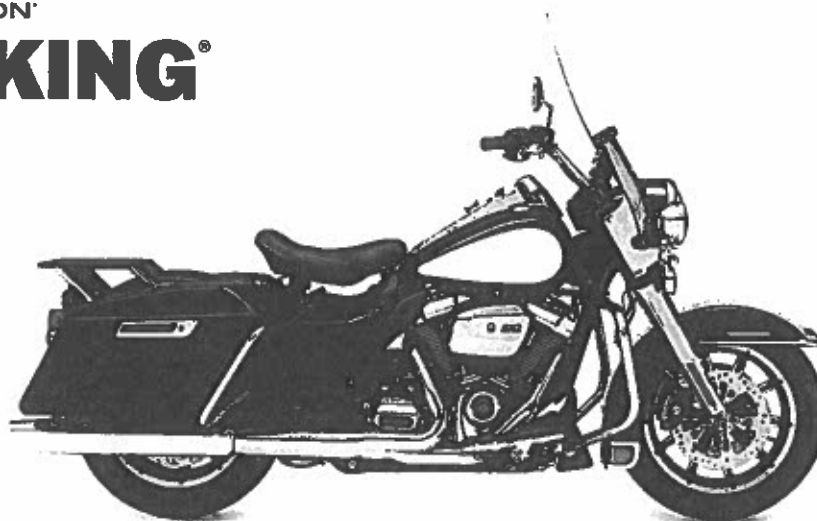
3 Values shown are nominal.

4 The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break in mileage may vary.

Visit [H-D.com/Police](http://H-D.com/Police) for additional specifications and available color options.



HARLEY-DAVIDSON®  
**ROAD KING®**



### HIGHLIGHTS

- Mechanical Adjustable Actuation Clutch
- Limited 3 year, 60,000 mile factory warranty
  - Police Duty Use only
  - Fully Transferable
  - Expires at 3 years or 60,000 miles, whichever comes first

### MODEL UNIQUE FEATURES

- Rider Safety Enhancements
  - Cornering Enhanced ABS (C-ABS)
  - Cornering Enhanced Electronic Linked Braking (C-ELB)
  - Cornering Enhanced Traction Control System (C-TCS)
  - Drag-Torque Slip Control System (DSCS)
  - Vehicle Hold Control (VHC)
  - Tire Pressure Monitoring System (TPMS)
- Fan-assisted oil cooler
- Floating, dual-front open brake rotors
- 2-1-2 exhaust with dual tapered mufflers
- Dual law enforcement blue license plate marker lamps (OEM standard)
- Pivoting footboards with heel/toe shift lever
- Dual halogen headlight
- Reflex™ Linked Brembo® Brakes with ABS
- 4-piston front and rear caliper
- Trigger switch activation allows approx. 15 minutes of power to police emergency equipment with ignition off
- Independent hazard warning switch
- Emergency light switch with 4 functions and individual indicator lights for: Off, Both Front and Rear On, Front On only, Rear On only
- Saddlebags with One-Touch latch, standard saddlebag guard and luggage locks, common with ignition key

### DIMENSIONS

Length	<b>96.5 in.</b> (2404 mm)
Overall Width	<b>37 in.</b> (940 mm)
Overall Height	<b>56.3 in.</b> (1430 mm)
Seat Height	<b>Laden<sup>2</sup> 27.3 in.</b> (695 mm) <b>Unladen 31.1 in.</b> (790 mm)
Ground Clearance	<b>5.3 in.</b> (135 mm)
Rake (Steering Head)	<b>26°</b>
Fork Angle	<b>29.25°</b>
Trail	<b>6.7 in.</b> (170 mm)
Wheelbase	<b>64 in.</b> (1625 mm)
Fuel Capacity	<b>6 gal.</b> (22.7 L) <i>(warning light at approximately 1 gal.)</i>
Weight	<ul style="list-style-type: none"> <li>• As Shipped <b>805 lb.</b> (365 kg)</li> <li>• In Running Order <b>842 lb.</b> (382 kg)</li> <li>• Gross Vehicle Weight Rating <b>1360 lb.</b> (617 kg)</li> <li>• Gross Axle Weight Rating                             <ul style="list-style-type: none"> <li>- Front <b>500 lb.</b> (227 kg)</li> <li>- Rear <b>927 lb.</b> (420 kg)</li> </ul> </li> </ul>

### ENGINE

Engine	<b>Milwaukee-Eight® 114 Engine</b>
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>4.016 in. x 4.5 in.</b> (102 mm x 114 mm)
Displacement	<b>114 cu. in.</b> (1868 cc)
Compression Ratio	<b>10.5:1</b>

### PERFORMANCE

Engine Torque <sup>3</sup> (per J1349):	
• North America	<b>122 ft. lb. @ 2750 RPM</b>
Lean Angle (per J1168):	
• Right	<b>32°</b>
• Left	<b>32°</b>
Fuel Economy <sup>4</sup> <i>(EPA estimate - combined MPG)</i>	<b>43 mpg</b> (5.5 L/100 km)

### CHASSIS

Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded.
Swingarm	Mild steel, two-piece drawn and welded section, forged junctions, MIG welded
Front Fork	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels	Impeller Cast Aluminum
• Front	<b>17 in. x 3 in.</b> (432 mm x 76 mm)
• Rear	<b>16 in. x 5 in.</b> (406 mm x 127 mm)
Brakes	<ul style="list-style-type: none"> <li>• Caliper Type 32 mm, 4-piston front and rear</li> <li>• Rotor Type (diameter x width):                             <ul style="list-style-type: none"> <li>- Front (dual floating rotors) <b>11.8 in. x 0.2 in.</b> (300 mm x 5.1 mm)</li> <li>- Rear (fixed rotor) <b>11.8 in. x 0.28 in.</b> (300 mm x 7.1 mm)</li> </ul> </li> <li>• Anti-lock Braking System Standard</li> </ul>
Suspension Travel	
• Front Wheel	<b>4.6 in.</b> (117 mm)
• Rear Wheel	<b>3 in.</b> (76 mm)

1 North America security system includes immobilizer; outside North America, the security system includes immobilizer and siren.

2 Measurement reflects 180 lb. (81.7 kg) operator weight.

3 Values shown are nominal.

4 The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break-in mileage may vary.

Visit H-D.com/Police for additional specifications and available color options.

33

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HARLEY DAVIDSON

**OTHER MOTORCYCLES  
POLICE DEPARTMENTS HAVE  
PURCHASED AND CUSTOMIZED**

HARLEY-DAVIDSON

# PAN AMERICA 1250 SPECIAL



## DIMENSIONS

Length	<b>89.4 in.</b> (2271 mm)
Seat Height	<b>Laden<sup>7</sup> 32 in.</b> (813 mm)
Ground Clearance	<b>6.9 in.</b> (175 mm)
Rake (Steering Head)	<b>25°</b>
Trail	<b>4.3 in.</b> (109 mm)
Wheelbase	<b>62.4 in.</b> (1585 mm)
Tires	
• Front Specification	<b>120/70R19 60V</b>
• Rear Specification	<b>170/60R17 72V</b>
Tire Type	Michelin® Scorcher® "Adventure", Radial
Fuel Capacity	<b>5.6 gal.</b> (21.2 L)
Oil Capacity	<b>4.75 qt.</b>
Weight	
• As Shipped	<b>534 lb.</b> (242 kg)
• In Running Order	<b>569 lb.</b> (258 kg)

## ENGINE

Engine <sup>1</sup>	<b>Revolution® Max 1250</b>
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>4.13 in. x 2.85 in.</b> (105 mm x 73 mm)
Displacement	<b>76.4 cu. in.</b> (1253 cc)
Compression Ratio	<b>13.0:1</b>
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Exhaust	2-into-1-into-1; catalyst in header

## PERFORMANCE

Engine Torque <sup>2</sup> (per J1349):	
• North America	<b>94 ft. lb. @ 6750 RPM</b> (127 Nm @ 6750 RPM)
Horsepower	<b>150 HP / 112 kW @ 9000 rpm</b>
Lean Angle (per J1168):	
• Right	<b>42°</b>
• Left	<b>42°</b>
Fuel Economy <sup>5</sup>	<b>46 mpg</b>

## DRIVE TRAIN

Primary Drive	Gear, 49/89 ratio
Gear Ratios (overall) 1st	13.11
Gear Ratios (overall) 2nd	9.687
Gear Ratios (overall) 3rd	7.509
Gear Ratios (overall) 4th	6.057
Gear Ratios (overall) 5th	5.08
Gear Ratios (overall) 6th	4.436

## CHASSIS

Front Fork	47mm inverted fork with electronically adjustable semi-active damping control. Aluminum fork triple clamps.
Rear Shocks	Linkage-mounted monoshock with automatic electronic preload control and semi-active compression & rebound damping.
Wheels	Aluminum cast, satin black
Wheels <sup>9</sup> (optional style)	Anodized aluminum tubeless laced
Brakes, Caliper Type	
• Front	Radially mounted, monoblock, 4-piston caliper
• Rear	floating, single piston caliper

## ELECTRIC

Lights <sup>8</sup> (As per country regulation)	
• Headlamp	Daymaker Adaptive LED Headlamp with 6-segment LED banking lamp
• Tail/Stop	LED Tail/Stop lamp with signature tail lighting
• Front Signal Lights	LED Bullet Turn Signals
Gauges	6.8 inch viewable area TFT display with speedometer, gear, odometer, fuel level, clock, trip, ambient temp, low temp alert, side stand down alert, TIP over alert, cruise, range and tachometer indication BT capable - phone pairing to access phone calls, music, navigation (H-D App ONLY)

## INFOTAINMENT

Type	Color TFT w/ Touch
Screen Size	6.8 in.
Headset Specifications (if equipped)	Bluetooth
Languages	Arabic, Chinese (Simplified/Traditional), Czech, Danish, Dutch, English (default), Finnish, French (Canada/France), German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Portugal/Brazil), Indonesian, Russian, Slovak, Spanish (Mexico/Spain), Swedish, Thai, Turkish, Vietnamese
Hands-Free Mobile Phone - Via Bluetooth	Standard
Voice Recognition Languages: Tuner/Media/Navigation	Phone dependent
Voice Recognition Languages: Tuner/Media/Navigation	Phone dependent
Text-To-Speech (TTS) Languages	Phone dependent
Rider/Passenger Intercom	Headset function only
Vehicle Information Screen (Air Temperature, Oil Pressure and EITMS) TPMS, Engine Temp, Battery Voltage, Ambient Air Temp USB Charging and Instrument Update, ISB-C, 5V, 3A Bluetooth	Phone/Media supported

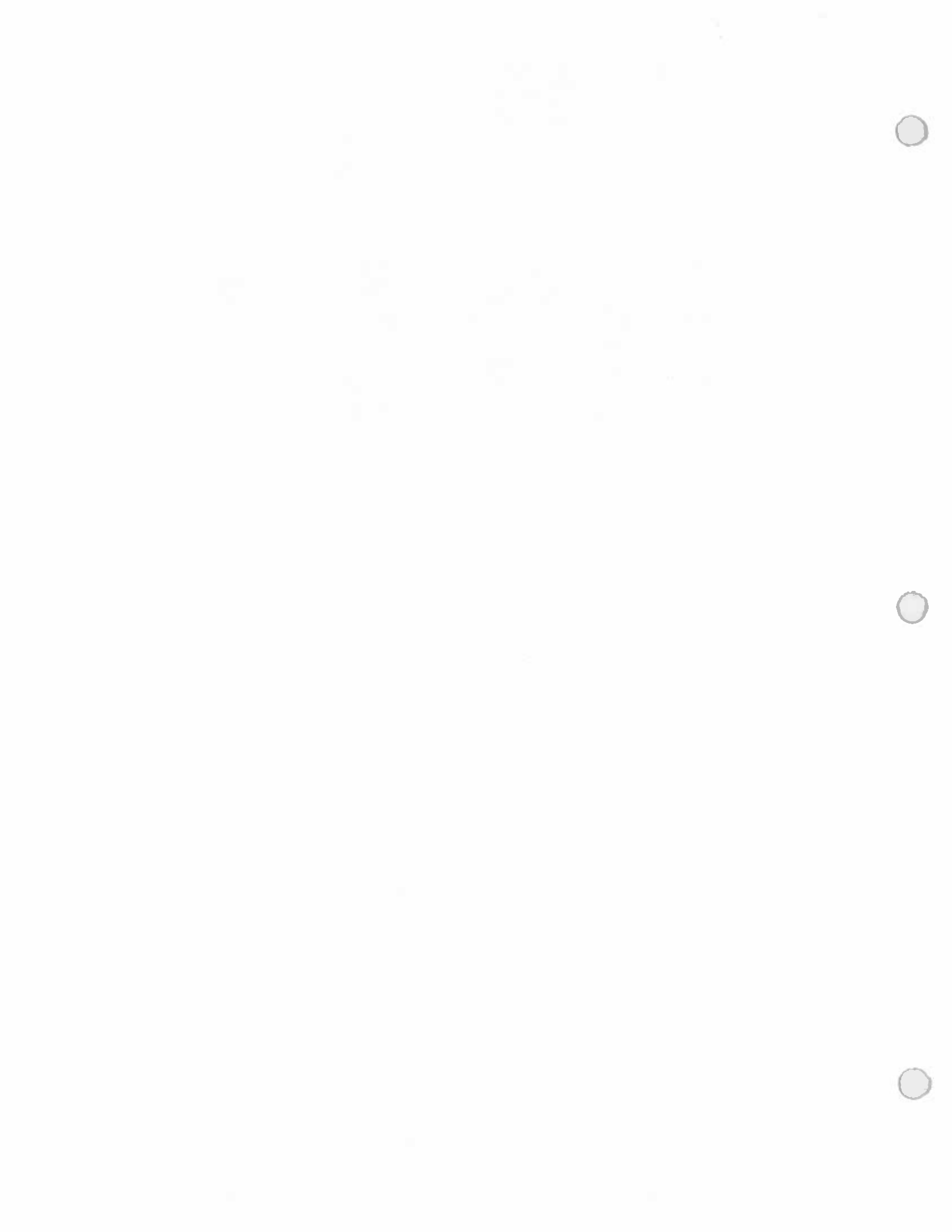
1 Recommended 91 octane (95 RON) or higher fuel (R+M)/2.  
2 Values shown are nominal. Performance may vary by country and region.  
3 Standard and optional fuel systems may vary by country.  
5 Estimated from fuel economy tests on a sample motorcycle from the corresponding family conducted by Harley-Davidson under ideal laboratory conditions. Not all motorcycle models undergo fuel economy testing. Fuel economy and mileage may vary among motorcycle models within a family. Your mileage may vary depending on your personal riding habits, weather conditions, trip length, vehicle condition and vehicle configuration and other conditions. Break-in mileage may vary.  
7 Measurement reflects 180 lb. (81.7 kg) operator weight.  
9 Standard and optional wheels may vary by country and region.

Visit H-D.com for additional specifications and available color options.

\*\*Pan America 1250 S was not designed or developed specifically for police use









Wheeling Police Department  
2115 Chapline Street  
Wheeling, WV 26003  
Phone: (304) 234-3664  
Fax: (304) 234-3624  
[wheelingwv.gov/police](http://wheelingwv.gov/police)

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## MEMORANDUM

**TO :** Chief Schwertfeger;

**FROM :** Cpl. J. McKenzie

**DATE :** Sunday, January 26, 2025

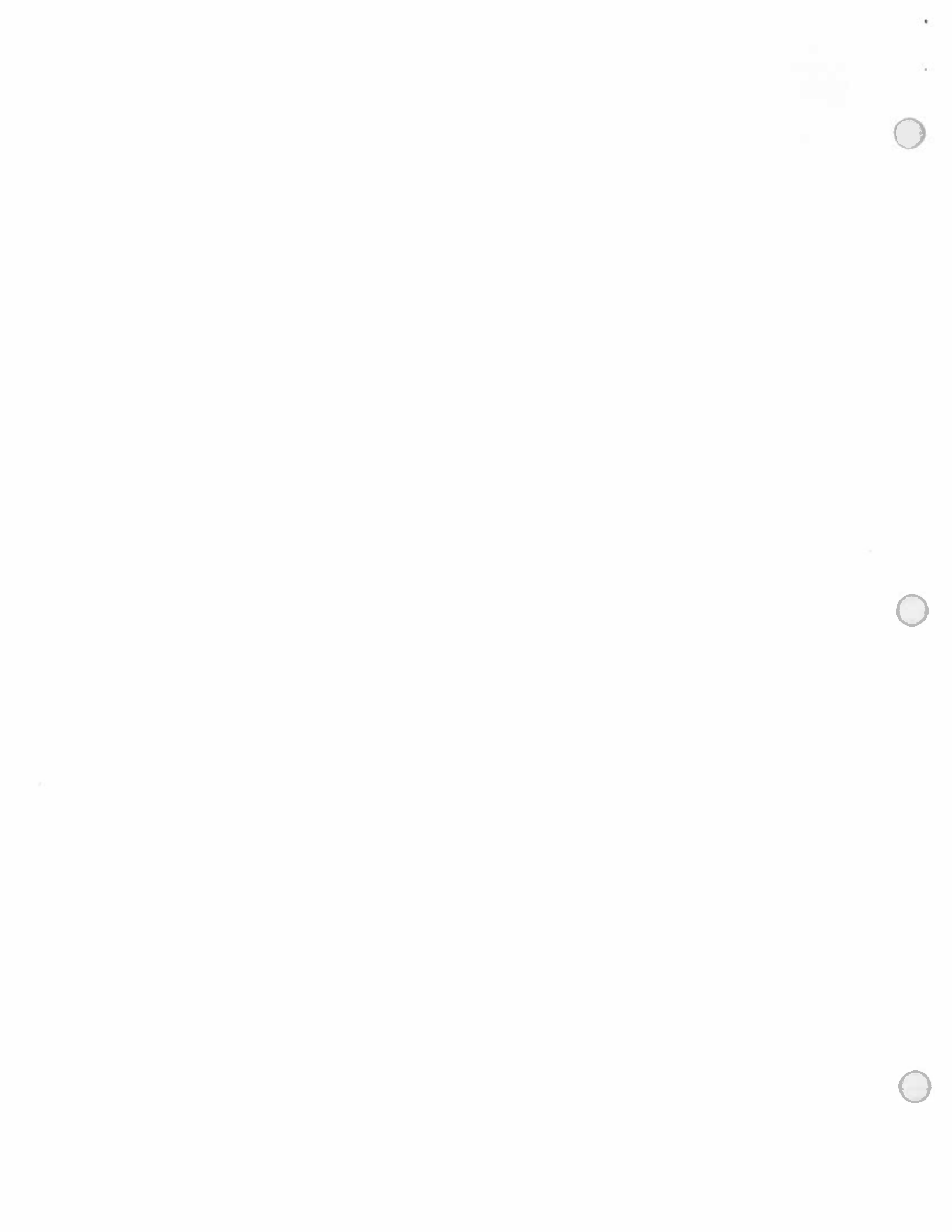
**RE :** Red Dot Sight Purchase Request Justification

Gentlemen,

This memo is to inform you to the benefits of utilizing red dot sights on pistols, as well as the justification for the purchase request to be able to outfit members of the Wheeling PD SWAT team with them. It is important to note that the new firearm being issued to the department, Gen 5 Glock 45, 9mm, already comes with the slide milled out for quick installation of this item and no modification, other than the actual installation would be required. This would also be issued to Wheeling PD SWAT Operators and not the assigned WFD medics. Red Dot sights are increasingly popular amongst law enforcement agencies for a multitude of reasons, including, but not limited to, the tactical advantages they offer, and their ease of use. I will admit that the installation of any sights on any firearm do not inherently make the rounds more accurate, as that is based on the individual shooter's proficiency. If approved, these would still require training prior to being utilized by any officer.

If approved, these sights and holsters may be ordered, but will not be issued prior to a range instructor attending an appropriate Red Dot Sight training course, and the applicable operator being trained on and qualifying with the weapon system with installed sight. If approved, this will likely take place during the Spring/Fall range or a Spring/Fall SWAT training day. Sgt. Somerville and Cpl. Parker have already requested to attend an appropriate instructor's course. I would also request to put in for any and all appropriate instructor courses in order to effectively instruct members of the WPD SWAT team on their implementation in various tactical situations.

The first benefit is faster target acquisition. With traditional iron sights, it requires a shooter to line up four (4) points in order to accurately put rounds on target. The eyes, the rear sight post, the front sight post, and the target itself. As any experienced shooter knows, it sometimes takes a moment, albeit brief, to ensure all of these points are lined up to place effect shots. This can be even harder in a low-light scenario. The red dot sight allows for faster target acquisition by replacing 1-2 of the points required to line up. There is also an argument to be made that as officers age, and their eyesight and acuity degrade, it becomes more difficult to quickly get a front sight post in focus for accurate





use. The illumination from the red dot also allows a clear visual of the reticle, while allowing different brightness settings to not have the target overshadowed by the glow.

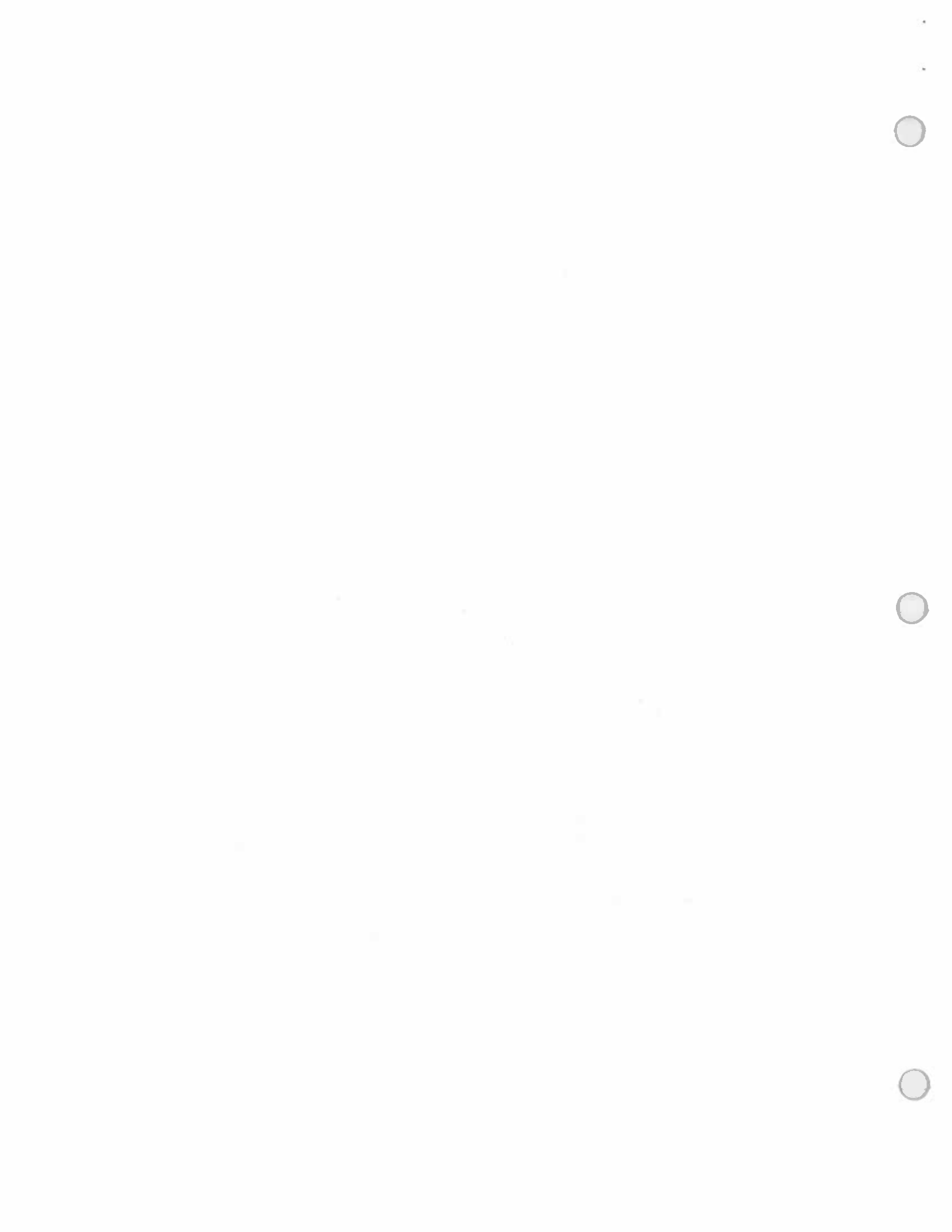
A second point is that when utilizing red dot, it gives the appearance of the reticle being “superimposed” on the target. This means that while the intention with firearms is to have the front sight post in focus, an officer can have the red dot in focus while still keeping their target in focus. This feature is an imperative advantage when an officer is in a high stress situation as officers can frequently suffer from target fixation, attempting to keep the target in focus and not the front sight post. Traditional iron sights can sometimes cause issues and delays in these situations when officers have to mentally concentrate to refocus on the front sight post as trained.

The use of a red dot sight when superimposed on a target, allows officers to get a wider field of vision than what is traditionally witnessed with iron sights. Where an officer using iron sights is trained to shoot center mass, this causes the iron sights to effectively “block” the lower half of the suspect from the officer’s view. Using a red dot sight, which is still aimed at center mass, allows for officers to keep a wider perspective of their target and not get half of their target blocked out. This allows an officer to maintain an unbroken line of sight on suspects’ hands or body movements, which may help with the officer determining an appropriate lethal response. I have attached a photo demonstrating this difference.



The red dot pictured above is not the specific one being requested, but merely an example at the sight alignment and sight picture difference.

There is another added benefit when it comes to training with a red dot sight. With the red dot being imposed on the glass fixture, it shows any slight adjustment while firing. This is due to the red dot being in a fixed position similar to iron sights. This means that when an officer shoots in a training setting with the red dot sights gets





Wheeling Police Department  
2115 Chapline Street  
Wheeling, WV 26003  
Phone: (304) 234-3664  
Fax: (304) 234-3624  
[wheelingwv.gov/police](http://wheelingwv.gov/police)

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immediate feedback on which way a shot went and the officer can take appropriate measures to address any mistakes in fundamentals. The immediate depth of feedback provided is generally only obtained by an highly experienced shooter and almost impossible for average shooters to observe with iron sights.

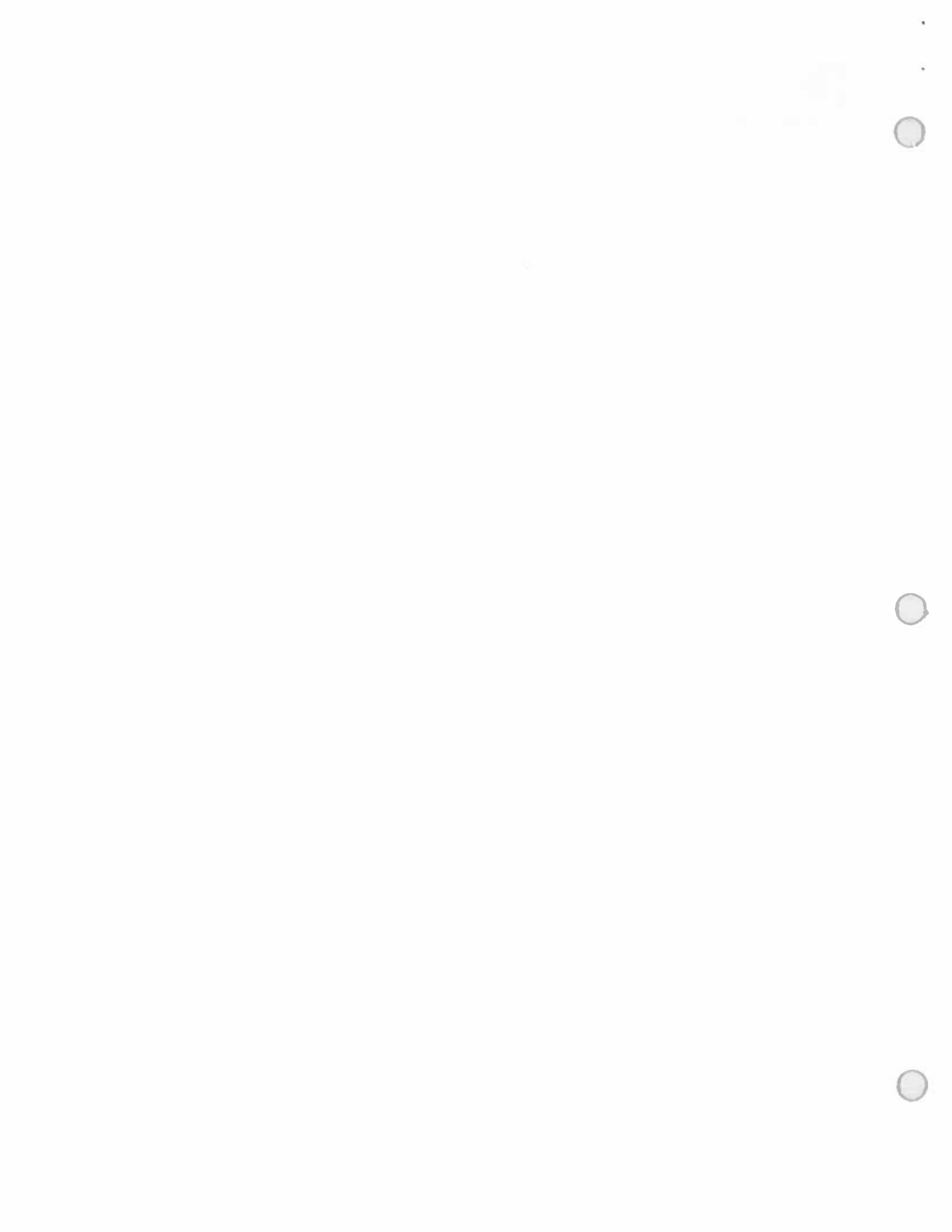
The benefits I have listed above would aid individuals in certain units, specifically the SWAT team, and possibly K9 unit and PRO's, who are frequently exposed to more scenarios involving a higher tactical response or increased risk than an average patrol officer.

There are two main concerns when utilizing red dot sights, battery life, and holsters.

The red dot sight being requested is the Leupold DeltaPoint Pro. This red dot has been reviewed by both Sgt. Somerville as a range instructor and myself on possible implementation with the SWAT team. This specific red dot has features which address at least one of the concerns. This red dot comes waterproof, fog proof, and shockproof, preventing it from fogging up or getting damaged in inclement weather. This red dot is also equipped with Motion Sensor Technology that turns off the red dot after five (5) minutes of inactivity, but instantly and automatically reactivates when movement is detected. This drastically increases battery life of the sights to a maximum life of 1600 hours, or over 133 individual 12 hour shifts of constant aiming. Due to the location of the battery port, it does not require disassembly to replace the battery. This means the sight does not have to be "zeroed" each time a battery is replaced.

**Battery Type: CR2032**

**Average Cost: Approx. \$3.00 per battery**

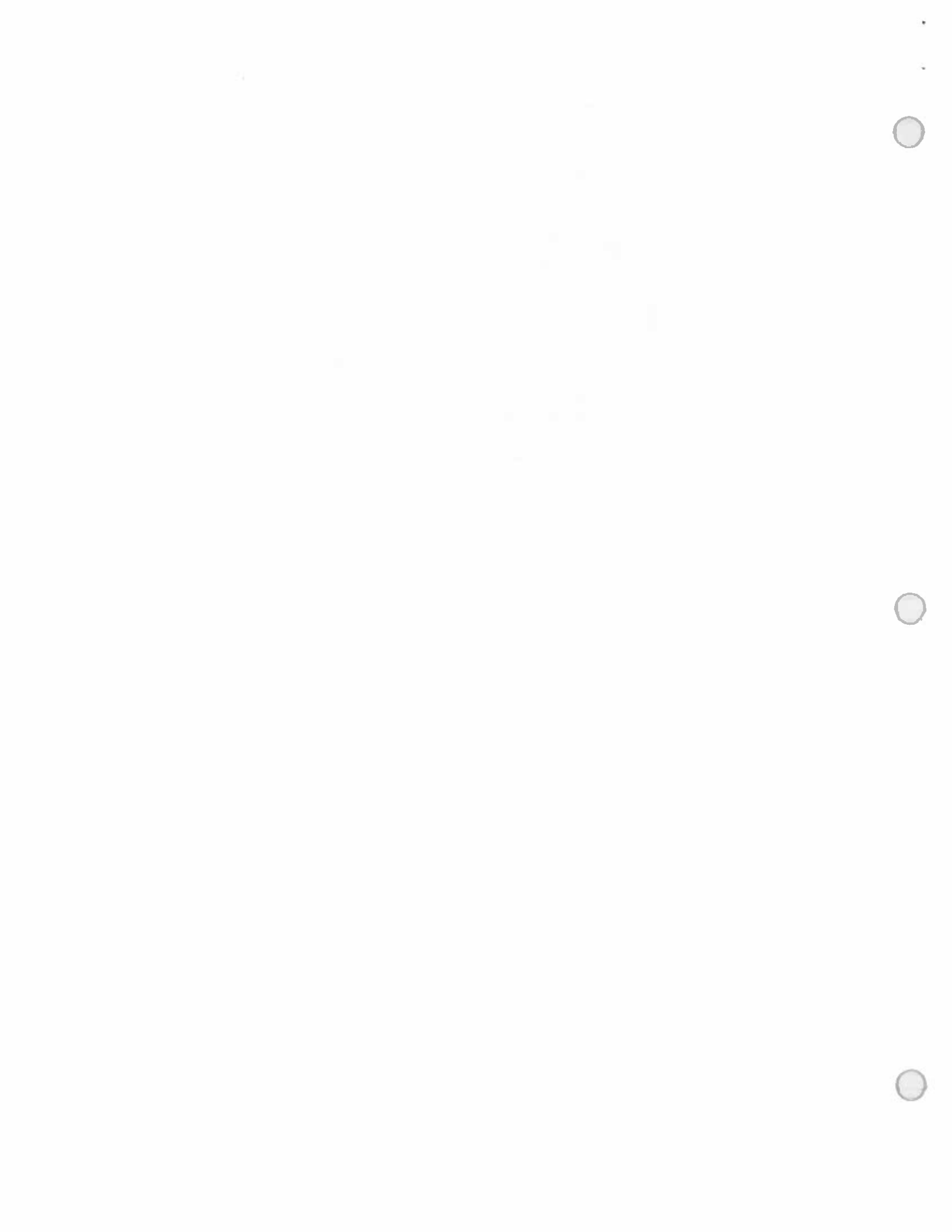






**The previous photo is the actual Leupold DeltaPoint Pro Red Dot Sight.**

**The second concern is holsters. This purchase would come with an additional purchase of Blackhawk T-series Level 3 Duty Light-bearing red dot sight holsters. These holsters will fit already issued firearms, with our currently issued Streamlight TLR-1 & 2's. This also comes with a hood that will protect the red dots from any additional shock or exposure while meeting all retention requirements for holsters for our department.**





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**This holster can be used with the officer's preference on duty belt or thigh holster. As stated before, this means that if approved for units such as PRO's, they can obtain the benefits of the red dot when dealing in possible school related scenario, while still wearing the traditional Class A uniform and duty belts. This sight and holster, again if approved, will be utilized by members of the SWAT team at all times on duty for SWAT or patrol functions to prevent having to "zero" the sight again. This will also mean that SWAT members will be prohibited from removing the sight from their firearm absent a qualified instructor or armorer.**

**If an individual that has a red dot issued to them, that is no longer on a specialized unit which allows the red dot sight, the Loctite which is used in securing the sight can be removed using isopropyl alcohol without damaging any part of the firearm. Ultimately, the intent is that this piece of equipment when proven to be effective will potential be authorized for all members of the Wheeling Police Department.**

**I have included the approximate prices for the items per officer and overall. The prices listed are current at the time of this memo, but may be slightly different on the purchase request if prices changed.**



<b>Cost Per Operator/Officer</b>		
<b>Item</b>	<b>Listed</b>	<b>Quoted</b>
Leupold DeltaPoint Pro Red Dot	\$449.99	\$305.00
Blackhawk T-Series Holster	\$169.95	\$169.95
<b>Total</b>		<b>\$474.95</b>

<b>Cost for Team Outfit (16 Operators)</b>		
<b>Item</b>	<b>Listed</b>	<b>Quoted</b>
Leupold DeltaPoint Pro Red Dot	\$7,199.84	\$4,880.00
Blackhawk T-Series Holster	\$2,719.20	\$2,719.20
<b>Total</b>		<b>\$7,599.20</b>

**I will also attach the product specification sheets along with this memo for any additional information.**

**Cpl. J. McKenzie**



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