



**Ohio Attorney General's Office
Bureau of Criminal Investigation
Investigative Report**



2024-1780

Officer Involved Critical Incident - [REDACTED]
Youngstown, Ohio 44509

Investigative Activity: Shooting Incident Reconstruction
Involves: Officer Involved Critical Incident
Activity Date: 06/13/2024
Activity Location: [REDACTED]. Youngstown, OH. 44509
Authoring Agent: S/A Larry Hootman

Narrative:

On June 13, 2024, S/A Larry Hootman and S/A Bernard (Chad) Doran were requested to process a scene at [REDACTED] in Youngstown. S/A Hootman was told an Officer with Youngstown Police Department was involved in an Officer Involved Critical Incident, Special Investigations were also responding.

S/A Hootman performed a shooting incident reconstruction of multiple gunshots from both the officer and subject involved. The shooting incident took place inside the residence after responding to a "911" call for assistance. S/A Hootman was told the officer entered the front door from the front porch area and took gun fire from a subject located inside. The officer returned fire shooting multiple times inside the residence from the front door to the rear of the residence. The subject suffered a life-threatening injury to his head and was transported prior to the agents' arrival.

The ballistic impacts were found on the living room wall, hallway wall, kitchen wall, kitchen window and refrigerator located in the kitchen. The ballistic impacts were photographed with and without a scale prior to any processing for shooter position.

The living room wall had several ballistic impacts perforating the living room wall exiting then entering an open door to the basement, exiting and entering the wall behind the door and exiting to termination in the master bedroom closet. These ballistic impacts were all coming from the front door area of entry from the officer.

These impacts were all circular in shape with a slight downward angle. S/A Hootman chose 3 of the 6 circular impacts to determine trajectory using the BLK360 scanner. There was an impact above the 6 circular impacts that was not circular in shape and appeared to be from a tumbling projectile that deflected from the wall where the officer entered the home.

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(arrow indicates irregular impact and circle shows ballistic impacts used)

The three impacts used were B.I. #2.0, B.I. #3.0 and B.I. #7.0. These were all circular in shape with a downward impact angle and secondary impacts. S/A Hootman placed trajectory rods in each of the 3 holes at the angle of impact and secondary impact to show shooter position. The trajectories were again photographed with the trajectory rods in place prior to scanning. These impacts were recorded to be - B.I. #2.0 - Vertical impact angle of -2 degrees and horizontal impact angle of 91 degrees. B.I. #3.0 - Vertical impact angle of -3 degrees and horizontal impact angle of 93 degrees. B.I. #7.0 - Vertical impact angle of -6 degrees and horizontal impact angle of 93 degrees. These were calculated using the wall's horizontal plane for reference and were all slightly from authors left to right.

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S/A Hootman performed the same tasks on 3 impacts located on the wall that was directly behind the living room wall that extended beyond and led to the basement stairs.



(wall being described as the extension behind the living room wall)

There were 7 ballistic impacts in the exposed wall coming from the front door area, not to include the perforations from the ballistic impacts that perforated the basement door after exiting the living room wall and eventually terminating in the closet as described above. There was an eighth hole in that wall that is from the rear of the house or hallway traveling to the front and will be described later in detail.

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The above impacts were labeled B.I. #8, B.I. #9 and B.I. #10. These impacts were all recorded as being from authors left to right with a negative or downward impact angle. Trajectory rods were placed in each of the above impacts with a secondary impact used at the exit side of the wall. The trajectory rods were recorded with photographic documentation and scanned using the Leica BLK360 scanner to determine shooter position. The holes were circular in shape and each hole analyzed appeared to have been made from the shooter position near the front door to the back of the house. There were 3 other ballistic impacts in this wall that were not used for shooting incident reconstruction and these impacts were irregular in shape and appeared to be from fragmenting projectiles not perforating only penetrating the wall.

B.I. #8 had a vertical impact angle of -3 degrees and a horizontal impact angle of 82 degrees. B.I. #9 had a vertical impact angle of -5 degrees and a horizontal impact angle of 83 degrees and B.I. #10's vertical impact angle was -5 degrees and horizontal impact angle of 86 degrees. These angles were calculated using the same living room wall above that is parallel to this wall leading to the basement stairs. These ballistic impacts that perforated the hallway wall terminated in the wall of the hallway that is the adjoining wall to the master bath. The impact into the wall caused a tile to be damaged in the bathroom, no projectile was removed from inside this wall.



(damaged tile in master bath)

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The following 3 ballistic impacts used for this report were fired from the rear of the residence where the subject was eventually found with a gun shot wound. The impacts were in the hallway wall opposite B.I. #'s 8.0, 9.0 and 10.0, one located in the refrigerator in the kitchen and one entering and exiting the wall between the kitchen and front door.

Ballistic impact B.I. #11.0 is the hallway wall opposite the above listed. This impact was circular in shape and had a distinct upward trajectory from the author's left to right. The impact was measured at 13 degrees on the vertical axis and 85 degrees on the horizontal. This projectile exited the wall, contacted the wall in the kitchen near the front door. The projectile skipped and entered the exterior wall where it terminated. The horizontal impact angle was calculated using the hallway wall for analysis.



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(skip from B.I. 11.0 - kitchen wall skip before terminating in exterior wall)

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The refrigerator located in the kitchen had a ballistic impact, this was labeled as B.I. #12. This impact was from the rear of the house to the front at a downward impact angle. The projectile traveled approximately 15mm before perforating the door and exiting on the opposite side. The impact angles were calculated wall and found to have an obtuse angle relative to the living room wall. The angle measurements were - Vertical impact angle -16 degrees downward and the horizontal impact angle was 105 degrees from author's right to left traveling from back to front.



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The last ballistic impact analyzed was B.I. #13.0. This impact was from left to right back to front. It was in the same wall as the front door and separating the kitchen from the living room. This projectile entered the edge of the wall perforated and exited on the living room side of the wall, it continued through the front door and terminating in the exterior living room wall behind. This projectile was tumbling on entry into the exterior wall prior to termination.

The trajectory rod was placed through the wall after photographic documentation for analysis. The trajectory was downward with a -5-degree vertical impact angle and a 104-degree horizontal impact angle.



(B.I. #13.0)

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(B.I. #13.2)

(B.I. #13.4)

The numbers used to identify each ballistic impact is solely for descriptive purposes and does not represent sequencing of shots. The shooting trajectory done was completed using the Leica BLK360 scanner and trajectory analysis application. The author reserves the right to modify this report if any new data becomes available through investigative procedures and or laboratory results. The attached analysis represents shooter position, both officer and subject, that was explained to S/A Larry Hootman during this investigation.

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Bullet Path Reconstruction

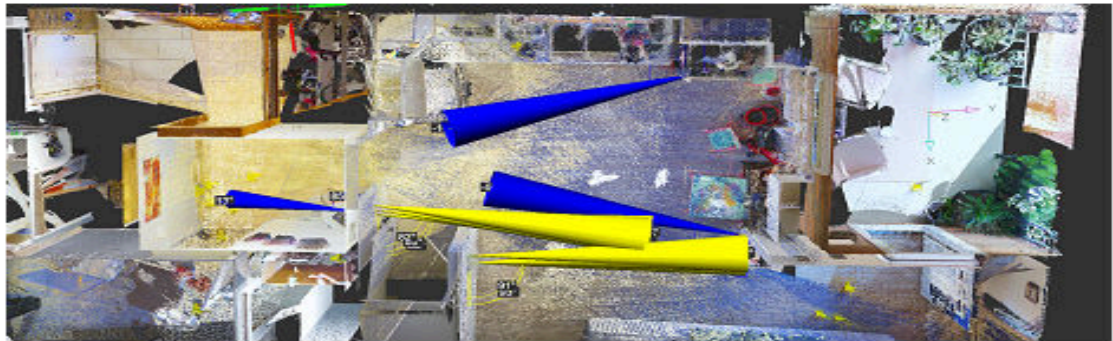
File Number: 2024-1780

Report Date: Jun 18, 2024

Incident Date: June 13, 2024

Analyst: S/A Larry Hootman

Location: 134 South Maryland Ave. Youngstown



Hallway Wall					
Trajectory Name	Description	Horizontal Angle	Vertical Angle	Tolerance	Attachments
Trajectory4	BI 11.0	85°	13°	5.0°	
Trajectory7	BI 8.0	82°	-3°	5.0°	
Livingroom Wall					
Trajectory Name	Description	Horizontal Angle	Vertical Angle	Tolerance	Attachments
Trajectory1	BI 2.0	91°	-2°	5.0°	
Trajectory2	BI 3.0	93°	-3°	5.0°	
Trajectory3	BI 7.0	93°	-6°	5.0°	
Trajectory5	BI 12.0	105°	-16°	5.0°	
Trajectory6	BI 13.0	104°	-5°	5.0°	
Trajectory8	BI 9.0	83°	-5°	5.0°	
Trajectory9	BI 10.0	86°	-5°	5.0°	

Analyst Notes
Blue cones represent subject shot trajectory. Yellow cones represent officers shot trajectory.

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