



**Louisiana State Police  
Crime Laboratory**  
Scientific Analysis Report

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**Lab Case #: SP-010449-10**

**Agency Case #: 97045-10**

**Case Officer: S [REDACTED] B [REDACTED]**

**Parish of Offense: East Baton Rouge**

**AGENCY**

**Baton Rouge Police Department**

P.O. Box 2406  
Baton Rouge, LA 70821

**19th Judicial District, Parish of East Baton Rouge**

Office of the District Attorney  
222 St. Louis St.  
Baton Rouge, LA 70802-5878

**INDIVIDUALS**

B [REDACTED] A [REDACTED] - Elimination  
A [REDACTED] E [REDACTED] - Victim  
R [REDACTED] F [REDACTED] - Elimination  
C [REDACTED] J [REDACTED] - Suspect

E [REDACTED] B [REDACTED] - Elimination  
A [REDACTED] E [REDACTED] - Victim (Juvenile)  
Aramis Jackson - Suspect  
L [REDACTED] M [REDACTED] - Suspect

**ANALYSIS REQUESTED** Firearms. This examination was completed on 10/25/2010.

**EVIDENCE SUBMITTED**

On 9/24/2010 at 8:16 PM, Forensic Scientist P [REDACTED] L [REDACTED] received the following evidence from the Baton Rouge Police Department via A [REDACTED] C [REDACTED]:

- Evidence Submission 0004: Exhibits 16-18 Three BRPD evidence envelopes containing .45 Auto caliber cartridge cases from scene.
  - Exhibit #16H, 16I, 16J: One sealed evidence envelope containing three sealed coin envelopes each containing one "R-P .45 Auto" cartridge case from bathroom (photo markers H, I, J).
  - Exhibit #17B: One sealed evidence envelope containing one sealed coin envelope containing one "R-P .45 Auto" cartridge case from kitchen counter (photo marker B).
  - Exhibit #18R: One sealed evidence envelope containing one sealed coin envelope containing one "R-P .45 Auto" cartridge case from backyard deck area (photo marker R).

On 9/26/2010 at 12:08 PM, Forensic Scientist M [REDACTED] B [REDACTED], MNS received the following evidence from the Baton Rouge Police Department via A [REDACTED] C [REDACTED]:

- Evidence Submission 0006: Exhibits 37C, 38D, 39G One sealed evidence envelope containing three sealed coin envelopes each containing one bullet collected from scene. (photo markers C, D, & G)

On 9/29/2010 at 9:18 AM, Crime Lab Technician M [REDACTED] P [REDACTED] received the following evidence from the Baton Rouge Police Department via R [REDACTED] H [REDACTED]:

- Exhibit #51: One (1) sealed clear plastic heat-sealed evidence bag containing one (1) 9mm PARA Taurus Model Millennium PT 111 semi-automatic pistol, serial number TBS72727, and one (1) "Taurus" magazine
- Exhibit #52: One (1) sealed clear plastic heat-sealed evidence bag containing one (1) .40 caliber Smith & Wesson Model SW40P semi-automatic pistol, serial number PBK0581, and one (1) sealed evidence envelope containing one (1) "Smith & Wesson" magazine



On 10/1/2010 at 2:30 PM, Forensic Scientist P [REDACTED] L [REDACTED] received the following evidence from the Baton Rouge Police Department via S [REDACTED] B [REDACTED]:

Evidence Submission 0019: Exhibit 64 One sealed evidence envelope containing one bullet from autopsy of Alexandra Engler

On 10/12/2010 at 2:00 PM, Crime Lab Manager A [REDACTED] B [REDACTED] MNS, D-ABC received the following evidence from the Requesting Agency via Crime Scene:

Evidence Submission 0021: Exhibit 66 One envelope containing one suspected .45 Auto bullet recovered from ground under hole in hallway floor at 645 Beauregard St.

## RESULTS AND CONCLUSIONS

The five "R-P.45 Auto" cartridge cases (exhibits 16H, 16I, 16J, 17B, & 18R) were determined to have been fired in the same unknown firearm.

The four jacketed hollow point bullets from the scene (exhibits 37C, 38D, 39G, & 66) and the bullet from the autopsy of Alexandra Engler (exhibit 64) were determined to have been fired in the same unknown firearm.

The three bullets (exhibits 37C, 38D, & 39G) have suspected "body tissue" and suspected blood on them as received at the laboratory.

The nose of the jacketed hollow point bullet (exhibit 64) is flattened at an approximate a 45 degree angle with suspected glass embedded in it.

The five bullets (exhibits 37C, 38D, 39G, 64, & 66) weigh 226.6, 229.4, 229.1, 229.5, 229.8 grains respectively, are consistent with .45 Auto caliber, and bear six lands and grooves with left twist. A list of possible manufacturers with these class characteristics from the 2010 FBI GRC Database includes semi-auto pistols by:

AMT, Auto Ordnance, Browning, Colt, Detonics, IMI, IMI (Uzi), Kimber, Para Ordnance, Springfield, and US Military Weapons. Any firearms bearing similar class characteristics should be considered.

At the request of BRPD detectives, the cartridge cases (exhibits 16H, 16I, 16J, 17B, & 18R) were compared to the two "R-P 45Auto" jacketed hollow point cartridges recovered from Aramis Jackson (exhibits 1&2 in SP-10986-10, BRPD File # 86989-10).

The case of the cartridge (exhibit 2 in SP-10986-10) has a series of marks that is consistent with this cartridge being fed through the action of a firearm at least three times. The case of the cartridge (exhibit 1 in SP-10986-10) does not have any "feed marks" suitable for comparison.

The case of the "R-P 45 Auto" cartridge (exhibit 2 in SP-10986-10) and three of five "R-P 45 Auto" cartridge cases (exhibits 16H, 17B, & 18R) bear "feed marks" consistent with being cycled through the action of the same unknown firearm. At least two of the three feed marks are from this same unknown firearm. The third mark lacks sufficient detail to confirm whether it is or is not from the same firearm.

Bunter toolmarks present in the headstamp of the case of the "R-P 45 Auto" cartridge (exhibit 2 in SP-10986-10) and in the headstamps of at least three of the five "R-P 45 Auto" cartridge cases (exhibits 16H, 16I & 18R) were determined to have a common manufacture origin. This type of association is common among cartridges from the same box of ammunition, or other boxes from the same production run.

No toolmark associations were made between the "R-P 45 Auto" jacketed hollow point cartridge (exhibit 1 in SP-10986-10) and the five cartridge cases (exhibits 16H, 16I, 16J, 17B, and 18R).

## NIBIN

The 9mm Taurus Millennium PT111 pistol, serial number TBS72727 (exhibit 51) and the Smith & Wesson Model SW40P pistol, serial number PBK0581 (exhibit 52) were test fired. The reference bullets and cartridge cases from these two pistols will be retained at the laboratory. The two pistols (exhibits 51&52) can be eliminated by caliber as a possible source for the .45 Auto bullets and cartridge cases from the scene and autopsy (exhibits 37C, 38D, 39G, 64,



& 66 and 16H, 16I, 16J, 17B, & 18R).

Two of the five "R-P 45 Auto" cartridge cases (exhibits 17B & 18R) were entered into the NIBIN database on 9-24-2010.

A cartridge case from each of the two pistols (exhibits 51 & 52) were entered into the NIBIN database on 10-21-2010. The submitting agency will be advised of any positive comparisons.

**SIGNATURE**

Analysis Performed By:

 A signature consisting of a stylized 'P' followed by a redacted name and a stylized 'L' followed by another redacted name.

P  L   
Forensic Scientist

