

REQUESTING AGENCY CASE NO.
P14175586

CALIFORNIA DEPARTMENT OF JUSTICE
BUREAU OF FORENSIC SERVICES
RIVERSIDE LABORATORY
7425 Mission Blvd, Riverside, CA 92509
Phone No. (951) 361-5000 FAX No. (951) 361-5010

BFS CASE NUMBER
RI-14-006137-0001

ATTN: Detective D Smith
Riverside Police Dept - Detective Bureau
10540 Magnolia Ave, Ste. B
Riverside, CA 92505

COPIES:

PHYSICAL EVIDENCE EXAMINATION REPORT

Agent Only

SUSPECT: VICENTE MARTINEZ

OFFENSE: OFFICER INVOLVED SHOOTING

OFFICER: MARCO ORTIZ

OFFENSE DATE: 11/18/2014

I, the undersigned, declare under penalty of perjury: (1) I am employed by the State of California, Department of Justice (DOJ), Bureau of Forensic Services; (2) I conducted an examination of the material described below in the ordinary course of my work as a qualified examiner, according to approved laboratory procedures that include creation of contemporaneous documentation and the technical review of my work; (3) The observable data is set forth in the associated laboratory case record; (4) Any opinions, interpretations, or conclusions in this report are based upon data in the associated laboratory case record and findings listed below.
Note: This laboratory report has been prepared and retained by DOJ in the normal course of business according to DOJ's regular practices and procedures. The Department of Justice Laboratory is accredited by the American Society of Crime Laboratory Directors / Laboratory Accreditation Board (ASCLD/LAB).

At the direction of the submitting agency, only the agent identified in the mailing address of this report will be allowed access to this case. The submitting agent should notify this laboratory if the prosecutor's office or others should be included.

SUMMARY/RESULTS

The expended cartridge cases (items BM02 through BM09) were fired from the Glock model 22 (item TL01).

The expended bullets (items BM12, AUT08, AUT14, and AUT21) may have been fired by the Glock 22 or any other firearm with the same nominal caliber and polygonal rifling characteristics.

The expended bullet fragment (item BM23) may have been fired by the Glock 22 or any other firearm with polygonal rifling.

The Springfield model XD-40 is ruled out from having fired any of the submitted components.

EVIDENCE

The following evidence was submitted to the Laboratory by Susan Lane of the Riverside Police Dept - Detective Bureau on 11/21/2014:

Item	Description
TL01	Glock model 22 Gen 4, .40 S&W caliber pistol with serial number WDR199
TL01A	Magazine for a Glock model 22 Gen 4 and eight live .40 S&W cartridges
BM02	Expended .40 S&W cartridge case
BM03	Expended .40 S&W cartridge case
BM04	Expended .40 S&W cartridge case
BM05	Expended .40 S&W cartridge case
BM06	Expended .40 S&W cartridge case
BM07	Expended .40 S&W cartridge case

BM08	Expended .40 S&W cartridge case
BM09	Expended .40 S&W cartridge case
BM12	Expended bullet
BM21	Springfield model XD-40, .40 S&W caliber pistol with serial number US200571
BM21A	Magazine for Springfield XD-40 and eleven live .40 S&W cartridges
BM23	Expended bullet fragment
AUT08	Expended bullet
AUT14	Expended bullet
AUT21	Expended bullet

EXAMINATION

Item TL01 is a Glock model 22 semi-automatic pistol with six 'hills and valleys' from polygonal rifling with a right-hand twist. The trigger pull is 5 1/2 pounds. I test-fired the pistol using three cartridges from item TL01A and designated the fired components as item TL01ATF. The pistol functioned properly during examination and test-firing, including operation of disconnecter and safeties.

Item TL01A consists of a magazine designed for item TL01, with a capacity of 15 cartridges, and eight live .40 S&W cartridges with Winchester headstamps and hollow point bullets. The cartridges appear to be undamaged/unaltered. The empty magazine dropped freely from the Glock model 22 (item TL01) upon release.

Items BM02 to BM09 are eight separate expended .40 S&W cartridge cases with Winchester headstamps. I microscopically compared each cartridge case to a test fired cartridge case from TL01, observing sufficient correspondence of the firing pin aperture shear for identification to a single firearm. *All of these cartridge cases were fired from the Glock model 22 (TL01).*

Item BM12 is an expended nominal .40 caliber/10 mm, 180 grain hollow point bullet fired from a barrel with six-right polygonal rifling. It is undamaged with no obvious distortion. I microscopically compared this bullet to a test fired bullet from TL01. Although the class characteristics were the same (nominal caliber, rifling method, and twist direction) there were insufficient individual characteristics for identification to a single firearm.

Item BM21 is a Springfield model XD-40 semi-automatic pistol with six lands and grooves of conventional rifling with a right-hand twist. The trigger pull is 5 1/4 pounds. I test-fired the pistol using three cartridges from item BM21A and designated the fired components as item BM21ATF. The pistol functioned properly during examination and test-firing, including operation of disconnecter and safeties. The Springfield XD-40 is ruled out as having fired any of the submitted bullets or cartridge cases due to differences in class characteristics.

Item BM21A consists of a magazine designed for item BM21, with a capacity of 13 cartridges, and eleven live .40 S&W cartridges with Starline headstamps and hollow point bullets. The cartridges appear to be undamaged/unaltered. The empty magazine dropped freely from the Springfield model XD-40 (item BM21) upon release.

Item BM23 is a bullet fragment with polygonal rifling marks. Although some features are consistent with item BM12, I could not determine the direction of rifling, nor the diameter. Due to poor markings and excessive damage, I could not make any determinations as to origin.

Item AUT08 is an expended nominal .40 caliber/10 mm hollow point bullet fired from a barrel with six-right polygonal rifling. The bullet is expanded from impact and may be missing part of its original mass. I microscopically compared this bullet to a test fired bullet from TL01. Although the class characteristics were

the same, (nominal caliber, rifling method, and twist direction) there were insufficient individual characteristics for identification to a single firearm.

Item AUT14 is an expended nominal .40 caliber/10mm hollow point bullet fired from a barrel with six-right polygonal rifling. The bullet is expanded from impact and may be missing part of its original mass. I microscopically compared this bullet to a test fired bullet from TL01. Although the class characteristics were the same (nominal caliber, rifling method, and twist direction) there were insufficient individual characteristics for identification to a single firearm.

Item AUT21 is an expended hollow point bullet fired from a barrel with six-right polygonal rifling. The bullet is misshapen and may be missing part of its original mass. I microscopically compared this bullet to a test fired bullet from TL01. The rifling method and twist direction are the same as the test fire but I could not determine class caliber due to damage, although it also appears to be the same. There were insufficient individual characteristics for identification to a single firearm.

DISPOSITION

All items listed in the 'EVIDENCE' section of this report will be returned to the appropriate agency. In addition, the following items generated during examination will also be returned to the appropriate agency:

Item	Description
TL01ATF	Test-fired components from item TL01 (Glock 22)
BM21ATF	Test-fired components from item BM21 (Springfield XD-40)

Date of Report: December 10, 2014

EXAMINED BY: _____

Mark Traugber
Senior Criminalist

Technical review by: _____

Date: 12/18/16

Administrative review by: _____

Date: 12-19-14

MST: mst

RIVERSIDE POLICE DEPT. Restricted Information
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FAX TRANSMISSION COVER SHEET

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DATE: 12/15 TIME: 10:25am NO. OF PAGES: 4
(including cover sheet)

TO:
NAME: Det. David Smith
OFFICE: _____
LOCATION: _____
FAX NO: (951)353-7101 PHONE NO: _____

FROM:
NAME: _____
OFFICE: Bureau of Forensic Services - LAB
LOCATION: Riverside
FAX NO: 951-361-5010 PHONE NO: 951-361-5000

MESSAGE/INSTRUCTIONS

RIVERSIDE POLICE DEPT - Restricted Information Request
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RELATED BFS CASE #

State of California
Department of Justice
Bureau of Forensic Services

BFS CASE #

RI-14-006137

Physical Evidence Submission Form
(Instructions for use of form located on reverse side.)

INFORMATION AND REPORT SECURITY		ROUTINE	AGENCY ONLY	AGENT ONLY	
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
SUBMITTING AGENCY: RUSD PD		AGENCY CASE NO.: P14175586			
COUNTY OF PROSECUTION: RUSD		RELATED AGENCIES/CASE NUMBER(S): N/A			
OFFENSE(S): OIS	DATE OF INCIDENT: 11/18/14	DATE NEEDED: ASAP	REASON: INV		
INVESTIGATING OFFICER: DET. D. SMITH		PHONE: 91353-7103	FAX: 951 353-7101		
INVESTIGATING OFFICER - EMAIL ADDRESS:					
S, V, OTHER OFFICER	SUBJECTS			DATE OF BIRTH	CHI # (LATENTS AND DNA)
	Last name	First Name	M.I.		
8002	ORTIZ	MARCO			
S	MARTINEZ	VICENTE		3/26/80	

EVIDENCE SUBMITTED

LINE	ITEM NUMBER	DESCRIPTION OF EVIDENCE (ONE ITEM PER LINE WHEN POSSIBLE)	COMMENTS OR REQUESTS FOR SERVICE
1	TL01	GLOCK 22 40 CAL PISTOL # WDP199	FUNCTION/BALLISTICS
2	TL01A	(1) GLOCK MAG & (8) S&W WIN 40 CARTRIDGES	COMPARISON
3	AUT02	PROJECTILE	
4	AUT14	PROJECTILE	
5	AUT21	PROJECTILE	
6	BM02	WINCHESTER 40 S&W CASING	
7	BM03	WINCHESTER 40 S&W CASING	
8	BM04	WINCHESTER 40 S&W CASING	
9	BM05	WINCHESTER 40 S&W CASING	

Chain of custody for items listed above

Line/Item NUMBER	Received From (SIGN NAME LEGIBLY)	Delivered to (SIGN NAME LEGIBLY)	DATE
LINES 1-19	<i>[Signature]</i>	<i>Riv Das Verena L...</i>	11/21/14 0905 Hrs

PLEASE SUBMIT A POLICE REPORT OR ATTACH A SEPARATE SHEET WITH A SUMMARY OF THE CASE FOR CRIMINALISTICS CASES
BFS LABORATORIES SHALL DECIDE THE SPECIFIC METHOD OF ANALYSIS

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INFORMATION AND REPORT SECURITY ROUTINE AGENCY ONLY AGENT ONLY

SUBMITTING AGENCY: RUSD PD AGENCY CASE NO: P14175586
 COUNTY OF PROSECUTION: RUSD RELATED AGENCIES/CASE NUMBER(S): N/A
 OFFENSE(S): OIS DATE OF INCIDENT: 11/18/14 DATE NEEDED: ASAP REASON: INV
 INVESTIGATING OFFICER: DET. D. SMITH PHONE: 951 353-7103 FAX: 951 353-7101
 INVESTIGATING OFFICER - EMAIL ADDRESS:

S.V. OTHER OFFICER	SUBJECTS			DATE OF BIRTH	CH# (LATENTS AND DNA)
	Last name	First Name	M.I.		
<u>DCR</u>	<u>ORTIZ</u>	<u>MARCO</u>		<u>-</u>	<u>-</u>
<u>S</u>	<u>MARTINEZ</u>	<u>VICENTE</u>		<u>3/26/80</u>	

EVIDENCE SUBMITTED

LINE	ITEM NUMBER	DESCRIPTION OF EVIDENCE (ONE ITEM PER LINE WHEN POSSIBLE)	COMMENTS OR REQUESTS FOR SERVICE
<u>1</u>	<u>BM06</u>	<u>WINCHESTER 40 S&W CASING</u>	<u>BALLISTICS/COMPARISON</u>
<u>2</u>	<u>BM07</u>	<u>WINCHESTER 40 S&W CASING</u>	
<u>3</u>	<u>BM08</u>	<u>WINCHESTER 40 S&W CASING</u>	
<u>4</u>	<u>BM09</u>	<u>WINCHESTER 40 S&W CASING</u>	
<u>5</u>	<u>BM12</u>	<u>COPPER & LEAD PROJECTILE</u>	
<u>6</u>	<u>BM21</u>	<u>SPRINGFIELD ARMOY 40 CAL PISTOL</u>	
<u>7</u>	<u>BM21-A</u>	<u>MAGAZINE & (11) 40 CAL LIVE ROUNDS</u>	
<u>8</u>	<u>BM23</u>	<u>COPPER PROJECTILE FRAGMENT</u>	

Chain of custody for items listed above

Line/Item NUMBER	Received From (SIGN NAME LEGIBLY)	Delivered to (SIGN NAME LEGIBLY)	DATE
<u>WINES 1-8</u>	<u>[Signature]</u>	<u>Riv Det Teresa Cardano</u>	<u>11/21/14</u> <u>0905 hrs</u>

PLEASE SUBMIT A POLICE REPORT OR ATTACH A SEPARATE SHEET WITH A SUMMARY OF THE CASE FOR CRIMINALISTICS CASES
BFS LABORATORIES SHALL DECIDE THE SPECIFIC METHOD OF ANALYSIS