

APPENDIX D

CONNECTICUT FORENSIC SCIENCE LABORATORY
FIREARMS SECTION REPORT



**STATE OF CONNECTICUT
DEPARTMENT OF
EMERGENCY SERVICES AND PUBLIC PROTECTION
DIVISION OF SCIENTIFIC SERVICES**



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Division Director

FIREARMS SECTION

Laboratory Case #: DSS-15-005112 Submitting Agency: CSP - Eastern District Major Crime
 Agency Case #: CFS1500597194 1320 Tolland Stage Road
 Town of Incident: Old Saybrook Tolland, CT 06084
 Date of Request: 10/13/2015
 Date of Report: 11/12/2015
 Report To: Det. David Lamoureux

EVIDENCE SUBMITTED:

- 001. #9 Bag with "(5) "PMAG" magazines w/(147) live rounds"
- 002. #11 Box with "Colt M4 Rifle Ser#A0227020 (Konow)"
- 003. #16 Bag with "(4) "PMAG" magazine w (109) live rounds"
- 004. #18 Box with "Colt M4 Rfile Ser #A0227006 (Mccarthy)"
- 005. #30 Box with "Beretta .45 cal. Pistol (Love) w/BLS"
- 006. #34 Envelope with "(1) Winchester spent .45 cal. casing"
- 007. #41 Envelope with "(1) Spent .223 shell casing"
- 008. #43 Envelope with "(1) Pistol magazine w/10 .45 cal rounds"
- 009. #46 Envelope with "(1) Spent .223 shell casing"
- 010. #47 Envelope with "(1) Silver colored spent shell casing"
- 011. #58 Envelope with "(1) Winchester .45 auto spent shell casing"
- 012. #59 Envelope with "(1) Spent .223 shell casing"
- 013. #60 Envelope with "(1) Spent .223 shell casing"
- 014. #61 Envelope with "(1) Brass colored bullet projectile"
- 015. #63 Envelope with "(1) Copper/grey colored projectile"
- 016. #65 Envelope with "(2) Projectiles from deceased"
- 020. #84 Envelope with "(1) Silver colored metal projectile"
- 021. #85 Envelope with "(1) Copper colored metal projectile"
- 022. #86 Envelope with "(1) Silver and Copper colored metal projectile"

SUBMISSION RESULTS:

- Submission#: 001. #9 Bag with "(5) "PMAG" magazines w/(147) live rounds"
Five (5) magazines with one hundred forty-seven (147) live .223 Rem (5.56x45mm) cartridges
- Submission#: 002. #11 Box with "Colt M4 Rifle Ser#A0227020 (Konow)"
One (1) 5.56x45mm Colt carbine, model M4 Commando, serial number A0227020
- Submission#: 003. #16 Bag with "(4) "PMAG" magazine w (109) live rounds"
Four (4) magazines with one hundred nine (109) live .223 Rem (5.56x45mm) cartridges
- Submission#: 004. #18 Box with "Colt M4 Rfile Ser #A0227006 (Mccarthy)"
One (1) 5.56x45mm Colt carbine, model M4 Commando, serial number A0227006
- Submission#: 005. #30 Box with "Beretta .45 cal. Pistol (Love) w/BLS"
One (1) .45 Auto Beretta pistol, model PX4 Storm, serial number PK35087, with one (1) magazine and ten (10) live .45 Auto cartridges
- Submission#: 006. #34 Envelope with "(1) Winchester spent .45 cal. casing"
One (1) fired .45 Auto casing

Report Continued**SUBMISSION RESULTS (Continued):**

Submission#: 007. #41 Envelope with "(1) Spent .223 shell casing"
One (1) fired .223 Rem / 5.56x45mm casing

Submission#: 008. #43 Envelope with "(1) Pistol magazine w/10 .45 cal rounds"
One (1) magazine and ten (10) live .45 Auto cartridges

Submission#: 009. #46 Envelope with "(1) Spent .223 shell casing"
One (1) fired .223 Rem casing

Submission#: 010. #47 Envelope with "(1) Silver colored spent shell casing"
One (1) fired .223 Rem / 5.56x45mm casing

Submission#: 011. #58 Envelope with "(1) Winchester .45 auto spent shell casing"
One (1) fired .45 Auto casing

Submission#: 012. #59 Envelope with "(1) Spent .223 shell casing"
One (1) .223 Rem casing

Submission#: 013. #60 Envelope with "(1) Spent .223 shell casing"
One (1) fired .223 Rem casing

Submission#: 014. #61 Envelope with "(1) Brass colored bullet projectile"
One (1) spent projectile

Submission#: 015. #63 Envelope with "(1) Copper/grey colored projectile"
One (1) spent projectile

Submission#: 016. #65 Envelope with "(2) Projectiles from deceased"
Two (2) spent projectiles from the Office of the Chief Medical Examiner's Office (#15-16220) - labeled 016-1 and 016-2

Submission#: 020. #84 Envelope with "(1) Silver colored metal projectile"
One (1) spent projectile

Submission#: 021. #85 Envelope with "(1) Copper colored metal projectile"
One (1) spent projectile

Submission#: 022. #86 Envelope with "(1) Silver and Copper colored metal projectile"
One (1) spent projectile

RESULTS OF OPERABILITY EXAMINATION :**Submission#: 002 #11 Box with "Colt M4 Rifle Ser#A0227020 (Konow)"**

Manufacturer of Firearm: Colt	Model: M4 Commando	Caliber: 5.56 / .223
Type of Firearm: Rifle Carbine	Type of Action: gas operated	Serial Number: A0227020
Barrel Length* (+/- 1/16"): 9 9/16"	Overall Length* (+/- 1/16"): 32 1/4"	Capacity: m + 1
Firearm operational : Yes	Tests on File: Four (4) test fires	NIBIN Entry: No

*Measurement Uncertainty equals +/- 1/16" with a coverage probability of 95.45%.

Submission#: 004 #18 Box with "Colt M4 Rifle Ser #A0227006 (Mccarthy)"

Manufacturer of Firearm: Colt	Model: M4 Commando	Caliber: 5.56 / .223
Type of Firearm: Rifle Carbine	Type of Action: gas operated	Serial Number: A0227006
Barrel Length* (+/- 1/16"): 9 1/2"	Overall Length* (+/- 1/16"): 32 1/4"	Capacity: m + 1
Firearm operational : Yes	Tests on File: Four (4) test fires	NIBIN Entry: No

*Measurement Uncertainty equals +/- 1/16" with a coverage probability of 95.45%.

Submission#: 005 #30 Box with "Beretta .45 cal. Pistol (Love) w/BLS"

Manufacturer of Firearm: Beretta	Model: PX4 Storm	Caliber: .45 Auto
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Report Continued**RESULTS OF OPERABILITY EXAMINATION(Continued) :**

Type of Firearm: Semi-Automatic Pistol	Type of Action: locked breech	Serial Number: PK35087
Barrel Length* (+/- 1/16"): 4 1/8"	Overall Length* (+/- 1/16"): 7 3/4"	Capacity: m + 1
Firearm operational : Yes	Tests on File: Three (3) test fires	NIBIN Entry: Yes

*Measurement Uncertainty equals +/- 1/16" with a coverage probability of 95.45%.

RESULTS OF EXAMINATION:

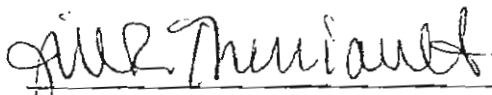
The submitted Colt carbines and Beretta pistol were found to be in satisfactory operating condition and tests were fired. Four (4) of the live .223 Rem (5.56x45mm) cartridges and one (1) of the live .45 Auto cartridges were consumed for testing. Test fired specimens will be retained in the laboratory for storage.

Comparison microscope examinations were conducted and the findings of this examiner are as follows:

- 1) Projectiles 015, 016-1, 016-2, and casings 009, 012, and 013 were fired in the submitted 5.56x45mm Colt carbine, model M4 Commando, serial number A0227006.
- 2) Projectile 022 and casings 007 and 010 were fired in the submitted 5.56x45mm Colt carbine, model M4 Commando, serial number A0227020.
- 3) Projectiles 014, 021, and casings 006 and 011 were fired in the submitted .45 Auto Beretta pistol, model PX4 Storm, serial number PK35087.
- 4) Projectile 020 is a large caliber lead core and is of no comparison value.

Casing 006 was entered and searched in the National Integrated Ballistic Information Network (NIBIN) computer database. No candidates for comparison have been identified at this time. If a link is made in the future, you will be notified.

This report reflects the test results, conclusions, interpretations and/or the findings of the analysts and technical reviewers below as indicated by their signatures.



Jill Therriault
Forensic Science Examiner 2
Examiner



Earl Williams
Forensic Science Examiner 1
Reviewer