



**STATE OF CONNECTICUT, DEPARTMENT OF PUBLIC SAFETY-
INVESTIGATION REPORT (DPS-302-E) (REVISED 2/3/06)**

Report #: 1200704597 - 00146708

Report Type: Initial Report: Prosecutors Report: Supplement: Re-open: Assist: Closing:

Attachments: Statements: Teletype: Photos: Sketchmap: Evidence: Other:

CFS NO 1200704597	INCIDENT DATE 12/14/2012	TIME 10:13	INCIDENT DATE 12/14/2012	TIME	PRIMARY OFFICER KEITH, KAROLINE A.	BADGE NO 0019	INVESTIGATING OFFICER RUP SIS, STEVEN A.	BADGE NO 1260
INCIDENT ADDRESS 00012 Dickinson Dr Dr/ Newtown 06482					APARTMENT NO	TOWN CD T097	TYPE OF EXCEPTIONAL CLEARANCE Not Applicable	CASE STATUS Pending

ACTION TAKEN:

On Tuesday, 2 July 2013, I received the attached Laboratory Report dated 06/19/2013 from the Forensic Laboratory. The report is from the Firearms Section.

ATTACHMENT / MAJOR CRIME TAB

Ten page Lab Report / -00 146 707

THE UNDERSIGNED, AN INVESTIGATOR HAVING BEEN DULY SWORN DEPOSES AND SAYS THAT: I AM THE WRITER OF THE ATTACHED POLICE REPORT PERTAINING TO THIS INCIDENT NUMBER. THAT THE INFORMATION CONTAINED THEREIN WAS SECURED AS A RESULT OF (1) MY PERSONAL OBSERVATION AND KNOWLEDGE; OR (2) INFORMATION RELAYED TO ME BY OTHER MEMBERS OF MY POLICE DEPARTMENT OR OF ANOTHER POLICE DEPARTMENT; OR (3) INFORMATION SECURED BY MYSELF OR ANOTHER MEMBER OF A POLICE DEPARTMENT FROM THE PERSON OR PERSONS NAMED OR IDENTIFIED THEREIN, AS INDICATED IN THE ATTACHED REPORT. THAT THE REPORT IS AN ACCURATE STATEMENT OF THE INFORMATION SO RECEIVED BY ME.				
INVESTIGATOR SIGNATURE: /TFC STEVEN A RUP SIS/	INVESTIGATOR I.D.#: 1260	REPORT DATE: 12/02/2013 10:35 am 05727	SUPERVISOR SIGNATURE /SGT JEFFREY T COVELLO/	SUPERVISOR I.D.#: 0167

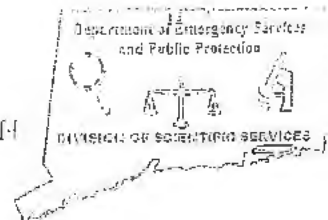
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-00146707



STATE OF CONNECTICUT

DEPARTMENT OF
EMERGENCY SERVICES and PUBLIC PROTECTION
DIVISION OF SCIENTIFIC SERVICES
FORENSIC SCIENCE LABORATORY



Guy M. Valters, Ph.D.
Division Director

FIREARMS SECTION

Laboratory Case #: ID-12-002105
Submitting Agency: CSP - Western District Major Crime Squad
Agency Case #: CFS1200704597
Town of Incident: Newtown
Date of Request: 3/28/13
Date of Report: 6/19/13
Report To: Detective Steven Rupsis #: 1260

EVIDENCE SUBMITTED:

- 002. Item #17 Box w/ "Bushmaster Cal .223 Mod XM15-E2S, serial #L534858, 1 round removed from chamber and PMAG inserted with 14 live rounds."
- 048. #5a Envelope w/ "two (2) S&B 60 5.56x45 casings, randomly chosen for lab submission"
- 049. #6a Envelope w/ "two (2) S&B 60 5.56x45 casings, randomly chosen for lab submission"
- 050. #8 Envelope w/ "one (1) brass colored 10mm AUTO casing"
- 051. #9 Envelope w/ "one (1) S&B 60 5.56x45 live round"
- 052. #10 Envelope w/ "one (1) S&B 60 5.56x45 live round"
- 053. #11 Envelope w/ "one (1) S&B 60 5.56x45 live round"
- 054. #12 Envelope w/ "one (1) S&B 60 5.56x45 live round"
- 055. #18 Bag w/ "two (2) black PMAG 5.56 magazines, duct taped together -no rounds"
- 056. #19 Box w/ "one (1) Glock 10mm serial #SMA461, one (1) round partially loaded, round removed from barrel, with magazine of eight (8) rounds remaining"
- 057. #20 Box w/ "one (1) Sig Sauer P226 9mm serial- UU 676027 handgun, chamber empty, magazine of eighteen (18) Speer 9mm Luger rounds remaining"
- 058. #22WD Envelope w/ "one (1) 10mm AUTO live round"
- 059. #23 Envelope w/ "one (1) 10mm AUTO live round"
- 060. #24 Envelope w/ "one (1) 10mm AUTO live round"
- 061. #25 Envelope w/ "one (1) 10mm AUTO live round"
- 062. #31 Envelope w/ "one (1) 5.56 copper jacket with lead projectile"
- 063. #34 Envelope w/ "one (1) 5.56 live round"
- 064. #36a Envelope w/ "two (2) S&B 60 5.56x45 casing, randomly chosen for lab submission"
- 065. #37a Envelope w/ "two (2) S&B 60 5.56x45 casing, randomly chosen for lab submission"
- 066. #38a Envelope w/ "two (2) S&B 60 5.56x45 casing, randomly chosen for lab submission"
- 067. #40 Envelope w/ "one (1) S&B 60 5.56x45 live round"
- 068. #41 Bag w/ "two (2) Sig Sauer magazines each with twenty (20) rounds and one (1) Plus 2 magazine with eighteen (18) rounds"
- 069. #42 Envelope w/ "one (1) black PMAG 5.56 magazine with thirty (30) live rounds"
- 070. #43 Bag w/ "two (2) Glock 10mm magazines with fifteen (15) rounds each"
- 071. #44 Bag w/ "two (2) Glock 10mm magazines with fifteen (15) rounds each"
- 072. #45 Bag w/ "two (2) Sig Sauer magazines each with twenty (20) rounds, one (1) Glock magazine 10mm with fifteen (15) rounds"

Report ContinuedEVIDENCE SUBMITTED continued:

073. #46 Bag w/ "two (2) black PMAG 5.56 magazines with thirty (30) rounds remaining"
074. #47 Bag w/ "three (3) black colored PMAG 5.56 magazines. one mag empty, one mag with ten (10) rounds, one mag with thirteen (13) rounds"
075. #48 Envelope w/ "one (1) 5.56 live round"
076. #53a Envelope w/ "two (2) 5.56 brass like casings, randomly chosen for lab submission"
077. #54a Envelope w/ "two (2) 5.56 brass like casings, randomly chosen for lab submission"
078. #93 Envelope w/ "one (1) copper jacket type fragment"
079. #95 Envelope w/ "lead and copper like fragments"
080. #98 Envelope w/ "one (1) lead and copper projectile"
081. #101 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
082. #102 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
083. #103 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 12-17592 (Hochsprung)"
084. #104 Envelope w/ "three (3) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED] /One vial with two teeth"
085. #105 Envelope w/ "seven (7) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
086. #106 Envelope w/ "four (4) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 12-17595 (Sherlach)"
087. #107 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
088. #108 Envelope w/ "three (3) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
089. #109 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
090. #110 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
091. #111 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
092. #112 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
093. #113 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 12-17603 (Murphy)"
094. #114 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
095. #115 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
096. #116 Envelope w/ "three (3) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 12-17606 (Russo) /one vial with teeth, one vial with clothing"
097. #117 Envelope w/ "one (1) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
098. #118 Envelope w/ "seven (7) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 12-17609 (Devino) "
099. #119 Envelope w/ "two (2) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"

Report Continued

EVIDENCE SUBMITTED continued:

100. #120 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12 "
101. #121 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12 "
102. #122 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12 "
103. #123 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12 "
104. #124 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 12-17610 (Soto) "
105. #125 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy/ sink area"
106. #126 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy. Printed label of Mary Sherlach (ME# 12-17595) /Black handwritten noted ME# 12-17609"
107. #503 Envelope w/ "one (1) S&B 60 56x45 round"
108. #505 Box w/ "one (1) Saiga 12 shotgun. serial # HO8402282 with two magazines containing 20 rounds of Winchester 12 guage shotgun rounds"
109. #506 Envelope w/ "one (1) bullet like projectile"
120. #85 Envelope w/ "lead and copper like fragments"
121. #96 Envelope w/ "one (1) lead and copper like fragment"
122. #129 Envelope w/ "copper / lead like fragment"
123. #37c Bag w/ "one (1) 10mm casing removed from existing package of 37"

RESULTS OF EXAMINATION:

- Submission#: 002. Item #17 Box w/ "Bushmaster Cal .223 Mod XM15-E2S, serial #L534858, 1 round removed from chamber and PMAG inserted with 14 live rounds."
Bushmaster semiautomatic rifle, model XM15-E2S, serial number L534858, 5.56 mm / .223 caliber. Submitted with the rifle were fourteen S&B (Sellior & Bellot) 5.56 mm x 45 09 cartridges in a plastic bag. (removed from magazine). Envelope containing a similar cartridge labeled, "Chambered Round". A plastic PMAG-30 cartridge capacity 5.56 mm.
- Submission#: 048. #5a Envelope w/ "two (2) S&B 60 5.56x45 casings, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit #5 (#5D, #5C)
- Submission#: 049. #6a Envelope w/ "two (2) S&B 60 5.56x45 casings, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit #6 (#6V, #6W)
- Submission#: 050. #8 Envelope w/ "one (1) brass colored 10mm AUTO casing"
One discharged Starline 10 mm auto caliber cartridge case. Exhibit #8
- Submission#: 056. #19 Box w/ "one (1) Glock 10mm serial #SMA461, one (1) round partially loaded, round removed from barrel, with magazine of eight (8) rounds remaining"
Glock semiautomatic pistol, model 20, serial number SMA461, 10mm auto caliber. Submitted with the pistol were a total of nine Star Line jacketed hollow point 10mm auto caliber cartridges and one Glock 10mm fifteen cartridge capacity magazine.
- Submission#: 057. #20 Box w/ "one (1) Sig Sauer P226 9mm serial- UU 676027 handgun, chamber empty, magazine of eighteen (18) Speer 9mm Luger rounds remaining"
Sig Sauer semiautomatic pistol, model P226, serial number UU676027, 9mm caliber. The pistol was submitted with a Sig twenty cartridge capacity magazine. There were a total of twenty 9mm caliber cartridges submitted as well. One Federal flat nose jacketed 9mm caliber cartridge and nineteen Speer jacketed hollow point 9mm +P caliber cartridges.
- Submission#: 062. #31 Envelope w/ "one (1) 5.56 copper jacket with lead projectile"
62-1, one bullet jacket fragment weighing 13.4 grains. (Classroom 10)
62-2, one lead fragment weighing 20.6 grains.

Report Continued

RESULTS OF EXAMINATION(Continued) :

- Submission#: 064. #36a Envelope w/ "two (2) S&B 60 5.56x45 casing, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit # 36 (#36A, #36B)
- Submission#: 065. #37a Envelope w/ "two (2) S&B 60 5.56x45 casing, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit #37 (#37A, #37B)
- Submission#: 066. #38a Envelope w/ "two (2) S&B 60 5.56x45 casing, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit #38 (#38A, #38B)
- Submission#: 076. #53a Envelope w/ "two (2) 5.56 brass like casings, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit #53 (#53A, #53B)
- Submission#: 077. #54a Envelope w/ "two (2) 5.56 brass like casings, randomly chosen for lab submission"
Two discharged S&B 5.56 mm x 45 caliber cartridge cases from exhibit #54 (#54A, #54B)
- Submission#: 078. #93 Envelope w/ "one (1) copper jacket type fragment"
78-1, one bullet jacket fragment weighing 13.0 grains. (Classroom 8 bathroom)
- Submission#: 079. #95 Envelope w/ "lead and copper like fragments"
79-1, one bullet jacket fragment weighing 13.9 grains. (Classroom 8 bathroom)
79-2, one lead fragment weighing 10.8 grains.
79-3, one lead fragment weighing 4.0 grains.
- Submission#: 080. #98 Envelope w/ "one (1) lead and copper projectile"
80-1, one jacketed hollow point bullet weight 139.4 grains. (Classroom 8 above ceiling tile)
- Submission#: 081. #101 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
81-1, one bullet jacket fragment weighing 14.0 grains. OCME [REDACTED]
81-2, one lead fragment weighing 19.3 grains.
- Submission#: 082. #102 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
82-1, numerous lead and jacket fragments with a total weight of 6.9 grains. OCME [REDACTED]
- Submission#: 083. #103 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 12-17592 (Hochsprung)"
83-1, one bullet jacket fragment weighing 5.0 grains. OCME 12-17592 (Hochsprung)
83-2, one bullet jacket fragment weighing 14.5 grains.
- Submission#: 084. #104 Envelope w/ "three (3) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED] /One vial with two teeth"
Three vials OCME [REDACTED]
84-1, two teeth
84-2, one bullet jacket fragment weighing 13.9 grains.
84-3, bullet jacket fragment weighing 13.4 grains, lead fragment weighing 16.7 grains, lead fragment weighing 12.2 grains.
- Submission#: 085. #105 Envelope w/ "seven (7) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED]"
Seven vials OCME [REDACTED]
85-1, one bullet jacket fragment weighing 13.0 grains (vial # 853)
85-2, one bullet jacket fragment weighing 14.2 grains, one lead fragment weighing 20.5 grains. (vial # 854)
85-3, one bullet jacket fragment weighing 13.6 grains, (vial # 855)
85-4, one bullet jacket fragment weighing 11.8 grains, (vial # 856)
85-5, one bullet jacket fragment weighing 44.9 grains, (vial # 857)
85-6, one bullet jacket fragment weighing 13.5 grains, lead fragment weighing 28.8 grains, lead fragment weighing 2.4 grains. (vial #858)
85-7, lead and jacket fragment weighing a total of 24.1 grains. (vial # 859)

Report Continued

RESULTS OF EXAMINATION(Continued) :

- Submission#: 086. #106 Envelope w/ "four (4) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 12-17595 (Sherlach)"
Four vials OCME 12-17595 (Sherlach)
86-1, one bullet jacket fragment weighing 9.4 grains (R hip)
86-2, one bullet jacket fragment weighing 46.2 grains. (R back)
86-3, lead bullet core weighing 28.5 grains, (R armpit)
86-4, one bullet jacket fragment weighing 14.2 grains, (L chest)
- Submission#: 087. #107 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12)"
One vial OCME 01 02 03 12)
87-1, one bullet jacket fragment weighing 13.3 grains.
- Submission#: 088. #108 Envelope w/ "three (3) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12)"
Three vials OCME 01 02 03 12)
88-1a, one bullet jacket fragment weighing 14.4 grains,one lead fragment weighing 14.4 grains.(arm)
88-1b, one bullet jacket fragment weighing 13.4 grains,one lead fragment weighing 26.9 grains.(arm)
88-2, one bullet jacket fragment weighing 13.5 grains,one lead fragment weighing 26.6 grains. (head)
88-3, one bullet jacket fragment weighing 17.5 grains.(L chest)
- Submission#: 089. #109 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12)"
One vial OCME 01 02 03 12)
89-1, one bullet jacket fragment weighing 16.4 grains.
89-2, one bullet jacket fragment weighing 11.9 grains.
- Submission#: 090. #110 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12)"
One vial OCME 01 02 03 12)
90-1, one bullet jacket fragment weighing 15.3 grains.
90-2, one bullet jacket fragment weighing 13.9 grains.
90-3, one lead fragment weighing 21.9 grains.
- Submission#: 091. #111 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12)"
One vial OCME 01 02 03 12)
91-1, one bullet jacket fragment weighing 14.3 grains.
91-2, one bullet jacket fragment weighing 13.4 grains.
91-3, one lead fragment weighing 23.9 grains.
91-4, one lead fragment weighing 18.2 grains.
- Submission#: 092. #112 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12)"
One vial OCME 01 02 03 12)
92-1, one bullet jacket fragment weighing 10.6 grains.
92-2, one lead fragment weighing 9.0 grains.
92-3, one lead fragment weighing 1.4 grains.
- Submission#: 093. #113 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 12-17603 (Murphy)"
One vial OCME 12-17603 (Murphy)
93-1, one bullet jacket fragment weighing 13.5 grains.
93-2, one bullet jacket fragment weighing 13.3 grains.
93-3, one bullet jacket fragment weighing 13.2 grains.
93-4, one lead fragment weighing 8.2 grains.
93-5, one lead fragment weighing 8.0 grains.

Report Continued

RESULTS OF EXAMINATION(Continued) :

- Submission#: 094. #114 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12
One vial OCME [REDACTED] 01 02 03 12)
94-1, one bullet jacket fragment weighing 13.9 grains.
94-2, one lead fragment weighing 12.6 grains.
94-3, one lead fragment weighing 2.6 grains.
94-4, one lead fragment weighing 2.4 grains.
- Submission#: 095. #115 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12
One vial OCME [REDACTED] 01 02 03 12
95-1, one bullet jacket fragment weighing 13.3 grains.
95-2, one bullet jacket fragment weighing 10.7 grains.
- Submission#: 096. #116 Envelope w/ "three (3) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 12-17606 (Russo) /one vial with teeth, one vial with clothing"
Three vials OCME 12-17606 (Russo)
96-1, one bullet jacket fragment weighing 13.8 grains, bullet core 27.9 grains, lead fragment 7.3 grains. (clothing)
96-2, one bullet jacket fragment weighing 14.2 grains, bullet jacket fragment 30.2 grains, lead fragment 9.1 grains.
96-3, two teeth and part of jaw
- Submission#: 097. #117 Envelope w/ "one (1) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12
One plastic vial OCME [REDACTED] 01 02 03 12
97-1, one bullet jacket fragment weighing 38.2 grains
97-2, one bullet jacket fragment weighing 14.3 grains
97-3, one bullet jacket fragment weighing 13.6 grains
97-4, one bullet jacket fragment weighing 14.8 grains
97-5, one lead fragment weighing 19.4 grains
97-6, one lead fragment weighing 4.5 grains
97-7, one lead fragment weighing 2.7 grains
- Submission#: 098. #118 Envelope w/ "seven (7) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# 12-17609 (Devino) "
Seven plastic vials OCME 12-17609 (Devino)
98-1, one bullet jacket fragment weighing 13.1 grains, lead fragment weighing 10.9 grains (head)
98-2, one bullet jacket fragment weighing 3.0 grains, (by head)
98-3, one bullet jacket bullet weighing 47.4 grains, (R abdominal wall)
98-4, one bullet jacket fragment weighing 11.7 grains, lead fragment weighing 22.9 grains (L glut max)
98-5, one lead fragment weighing 4.6 grains (L calf)
98-6, one bullet jacket fragment weighing 15.3 grains (R calf)
98-7, one lead fragment weighing 3.3 grains (L lower leg)
- Submission#: 099. #119 Envelope w/ "two (2) clear plastic vials containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12
Two plastic vials OCME [REDACTED] 01 02 03 12
99-1, one bullet jacket fragment weighing 43.7 grains, (chest)
99-2, one bullet jacket fragment weighing 12.7 grains, (clothing)
- Submission#: 100. #120 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# [REDACTED] 01 02 03 12
One plastic vial OCME [REDACTED] 01 02 03 12
100-1, one jacketed bullet weighing 47.1 grains
100-2, one bullet jacket fragment weighing 13.5 grains
100-3 one lead bullet core weighing 28.5 grains

Report Continued

RESULTS OF EXAMINATION(Continued) :

- Submission#: 101. #121 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12
One plastic vial OCME 01 02 03 12)
101-1, one bullet jacket fragment weighing 31.4 grains
101-2, one bullet jacket fragment weighing 41.8 grains
- Submission#: 102. #122 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12 "
One plastic vial OCME 01 02 03 12)
102-1, one bullet jacket fragment weighing 13.2 grains
102-2, one bullet jacket fragment weighing 13.3 grains
102-3, one bullet jacket fragment weighing 13.2 grains
102-4, one bullet jacket fragment weighing 14.1 grains
102-5, one bullet jacket fragment weighing 13.0 grains
102-6, one bullet jacket fragment weighing 12.6 grains
102-7, one lead fragment weighing 25.8grains
102-8, one leadfragment weighing 26.2 grains
102-9, one lead fragment weighing 20.9 grains
- Submission#: 103. #123 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 01 02 03 12
One plastic vial OCME 01 02 03 12
103-1, one bullet jacket fragment weighing 15.4 grains
103-2, one bullet jacket fragment weighing 46.1 grains
103-3, one bullet jacket fragment weighing 37.1 grains
103-4, one bullet jacket fragment weighing 8.9 grains
103-5, one lead fragment weighing 15.0 grains
103-6, one lead fragment weighing 5.5 grains
- Submission#: 104. #124 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy of ME# 12-17610 (Soto) "
Three plastic vials OCME 12-17610 (Soto)
104-1, one bullet jacket fragment weighing 13.3 grains
104-2, one bullet jacket fragment weighing 13.7 grains, lead fragment weighing 30.2 grains.
104-3, one bullet jacket fragment weighing 13.2 grains, lead bullet core weighing 33.1 grains.
- Submission#: 105. #125 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy/ sink area"
One plastic vial "copper and lead fragments seized during autopsy sink area"
105-1, one bullet jacket fragment weighing 20.8 grains. lead fragment weighing 4.1 grains.
- Submission#: 106. #126 Envelope w/ "one (1) clear plastic vial containing cooper/lead fragments seized during autopsy. Printed label of Mary Sherlach (ME# 12-17595) /Black handwritten noted ME# 12-17609"
One plastic vial OCME 12-17609 (Sherlach)
106-1, one bullet jacket fragment weighing 13.3 grains. lead fragment weighing 1.8 grains. (R axila)
- Submission#: 108. #505 Box w/ "one (1) Saiga 12 shotgun. serial # H08402282 with two magazines containing 20 rounds of Winchester 12 gauge shotgun rounds"
Izhmash semiautomatic shotgun, model Saiga-12, serial number H08402282, 12 gauge. Submitted with the shotgun were two ten cartridge capacity AGP Arms Inc. 12 gauge magazines which were suitable with the shotgun. There were a total of twenty Winchester 9 Pellet OO Buck 12 gauge shotgun shells which had been loaded in the magazines.
- Submission#: 109. #506 Envelope w/ "one (1) bullet like projectile"
One envelope containing "bullet like projectile" from 2004 Honda Civic Ct. Reg 144WWD
109-1, one bullet jacket fragment weighing 11.8 grains
- Submission#: 120. #85 Envelope w/ "lead and copper like fragments"
Two (2) pieces of bullet jacketing and one (1) lead fragment with a total weight of 43.5 grains. (classroom 10 east wall)

Report Continued

RESULTS OF EXAMINATION(Continued) :

- Submission#: 121. #96 Envelope w/ "one (1) lead and copper like fragment"**
One (1) bullet jacket and lead fragment weighing 29.6 grains. (classroom 10 north wall)
- Submission#: 122. #129 Envelope w/ "copper / lead like fragment"**
One (1) jacket and lead fragment weighing 51.6 grains. (class room 10 east wall)
- Submission#: 123. #37c Bag w/ "one (1) 10mm casing removed from existing package of 37"**
One (1) Starline 10mm auto discharged cartridge case.

RESULTS OF OPERABILITY EXAMINATION :

Submission#: 002 Item #17 Box w/ "Bushmaster Cal .223 Mod XM15-E2S, serial #L534858, 1 round removed from chamber and PMAG inserted with 14 live rounds."

Manufacturer of Firearm: **Bushmaster** Model: **XM15-E2S** Caliber: **5.56 x 45**
Type of Firearm: **Rifle Semi-Automatic** Type of Action: **S/A** Serial Number: **L534858**
Barrel Length: **16"** Overall Length: **34 1/2"** Capacity: **30 in mag**
Firearm operational: **Yes** Tests on File: **nine from submitted** NIBIN Entry: **Yes**
magazine

Submission#: 056 #19 Box w/ "one (1) Glock 10mm serial #SMA461, one (1) round partially loaded, round removed from barrel, with magazine of eight (8) rounds remaining"

Manufacturer of Firearm: **Glock** Model: **20** Caliber: **10mm**
Type of Firearm: **Pistol Semiautomatic** Type of Action: **Safe Action** Serial Number: **SMA461**
Barrel Length: **4 1/2"** Overall Length: **8"** Capacity: **15 in mag**
Firearm operational: **Yes** Tests on File: **3 cartridge cases** NIBIN Entry: **Yes**
and 3 bullets

Submission#: 057 #20 Box w/ "one (1) Sig Sauer P226 9mm serial- UU 676027 handgun, chamber empty, magazine of eighteen (18) Speer 9mm Luger rounds remaining"

Manufacturer of Firearm: **Sig Sauer** Model: **P226** Caliber: **9 mm**
Type of Firearm: **Pistol Semiautomatic** Type of Action: **S/A D/A** Serial Number: **UU676027**
Barrel Length: **4.5"** Overall Length: **8 1/4"** Capacity: **20 in mag**
Firearm operational: **Yes** Tests on File: **3 cartridge cases** NIBIN Entry: **Yes**
and 3 bullets

Submission#: 108 #505 Box w/ "one (1) Saiga 12 shotgun. serial # HO8402282 with two magazines containing 20 rounds of Winchester 12 guage shotgun rounds"

Manufacturer of Firearm: **Izhmash** Model: **Saiga-12** Caliber: **12 Gauge**
Type of Firearm: **Shotgun Semi-Automatic** Type of Action: **S/A** Serial Number: **H08402282**
Barrel Length: **19"** Overall Length: **39 1/4"** Capacity: **10 in mag**
Firearm operational: **Yes** Tests on File: **2 12 gauge OO buck** NIBIN Entry: **No**
shells

RESULTS OF EXAMINATION:

The Bushmaster rifle in submission #2 was examined and found to be safe for test firing purposes. A total of nine (9) cartridges were test fired during the examination of the firearm. The cartridges used to test fire were from the fourteen (14) S&B 5.56 mm X 45 caliber cartridges that had been submitted with the rifle. The test fires were used for comparative purposes and they will be retained on file with the Firearm Section of the laboratory.

Report Continued

RESULTS OF EXAMINATION(Continued):

The rifle was tested using the submitted 30 cartridge capacity magazine in this submission. I found the rifle to be operable without malfunction. It is a semiautomatic rifle and no alterations were found that altered the functioning of the firearm.

NIBIN database entry was made of the test fired cartridge cases and no candidate for comparison was located during a review of the correlation results of the database.

A direct comparative examination was made of the discharged cartridge cases in the following submissions to the test fired cartridge cases from submission #2 the Bushmaster rifle. Submissions # 48, #49, #64, #65, #66, #76, and #77 had a total of fourteen (14) discharged S&B 5.56 mm x 45 caliber cartridge cases. A positive identification was made of each cartridge case to the test fires. Marks in the firing pin impressions of the primers of each cartridge were used for the comparisons and identifications. There was sufficient agreement found in these marks for the identifications.

A direct comparative examination was made of the bullet fragments or bullet evidence in the following submissions to the test fires from submission #2 the Bushmaster rifle. Submissions # 62, #78, #79, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100, #101, #102, #103, #104, #105, #106, and #109 had a total of 117 separate individual items of evidence. These items consisted of fragmented bullet jackets, bullets and lead fragments.

The bullet jackets that had intact base areas all had the stamping of S&B on the base which is consistent with the ammunition that is loaded in the S&B 5.56 x 45 mm caliber cartridges that were examined. The general rifling characteristics of the fired bullet jackets that had them present were consistent to the general rifling characteristics of the test fired bullets from the Bushmaster rifle in submission #2.

No positive identification could be made to any of the bullet evidence submissions noted above in 5.56 mm caliber. The physical condition of the bullet jacket surfaces were severely damaged and corroded. They all lacked individual striated marks of sufficient agreement for the identification process. The test fires also exhibited a lack of individual striated marks on the bullet surface for comparison purposes. The condition can be caused by fouling in the barrel of the rifle and the ammunition itself. The Bushmaster rifle cannot be eliminated as having fired the 5.56 caliber bullet evidence examined.

None of this evidence was fired by the other firearms submitted in submissions #56 (Glock 10 mm), #57 (Sig 9 mm), or #108 (Izhmash 12 gauge).

The Glock semiautomatic pistol in submission #56 was found to be safe for test firing purposes. The submitted magazine and three (3) cartridges from laboratory ammunition were used to test fire the pistol. The firearm was found to be operable without malfunction. The test fires will be held on file with this laboratory in the Firearms section.

NIBIN database entry was made of the fired cartridge cases and no candidates for comparison were located during the review of the correlations of the database.

A direct comparative examination was made of the test fires from this pistol to the discharged 10 mm auto caliber cartridge cases in submissions #50 and #123. They were both of the same Starline manufacturer and caliber to the cartridges which had been submitted with submission #56. A

Report Continued

RESULTS OF EXAMINATION(Continued):

positive identification was made of each cartridge case to the test fires. The comparison and identification was made using the aperture shearing marks on the primer surface of the cartridge cases. There was sufficient agreement found for the identification of these cartridge cases.

A direct comparative examination was made of the the 10 mm caliber bullet in submission #80 and the bullet fragments submitted in submissions #120, #121, #122. The general firing characteristics on the bullet and bullet jacket fragments were consistent with the Glock pistol in submission #56. No positive identification could be made during these examinations. The rifling characteristics of a Glock pistol in this caliber and the evidence examined all have polygonal rifling which is not a traditional cut rifling style. They all lacked sufficient striae for the comparison and identification process. They cannot be eliminated from being fired from the Glock pistol in submission #56. They could not have been fired in submissions #2 (Bushmaster 5.56 mm), #57 (Siig 9 mm) or #108 (Izhmash 12 gauge) firearms.

The Sig Sauer semiautomatic pistol in submission #57 was examined and found to be safe for test firing purposes. Three (3) cartridges from our laboratory ammunition were used to test fire the pistol. The firearm was found to be operable without malfunction using the submitted magazine with the pistol. The test fires will be retained on file with the Firearm section of the laboratory.

NIBIN database entry was made of the test fired cartridge cases. No candidates for comparison was located after a review of the correlation of database results.

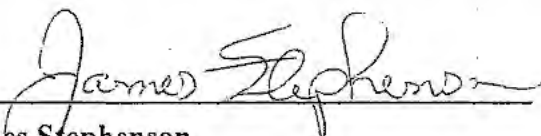
There was no physical evidence presented of a fired bullet or cartridge case found for comparison to the test fires from this pistol.

The Izhmash semiautomatic shotgun was examined and found to safe for test firing purposes. Two (2) 12 gauge shotgun shells from our laboratory were used to test fired the shotgun which was found to be operable without malfunction. The test fired shells will be retained on file with the Firearms section of the laboratory.

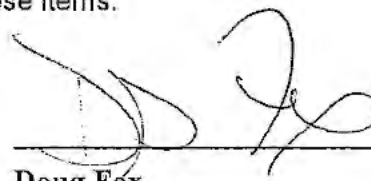
No NIBIN database entry was made of the test fires from the shotgun. Shotgun fired shells are not entered into our NIBIN database.

There was no physical evidence in this caliber for examination to the test fires.

The evidence in submissions #51, #52, #53, #54, #55, #58, #59, #60, #61, #63, #67, #68, #69, #70, #71, #72, #73, #74, #75, and #107 were not further identified. An administrative descion was made with the Division administration and the State's Attorney's Office not to conduct any further examintions by the Firearms section at this time on these items.



James Stephenson
Forensic Science Examiner 2



Doug Fox
State Police Firearms Examiner