



FBI Laboratory

2501 Investigation Parkway
Quantico, Virginia 22135

4940 Fowler Road
Huntsville, Alabama 35898

LABORATORY REPORT

b6
b7C

To:
Special Agent
Tampa

Date: April 4, 2018

Case ID No.

b3
b7E

Lab No.: 2016-01724-25

Communication(s): June 18, 2016; June 29, 2016; July 07, 2016; August 10, 2016; May 25, 2017

Agency Reference(s):

Subject(s):

Victim(s): Orlando Pulse Nightclub Shooting; Pulse Nightclub

Discipline(s): Firearms/Toolmarks

FBI Laboratory Evidence Designator(s):

- Item 1 Glock pistol, Serial Number BBHC323 (1B831, E5312952; Item T3)
- Item 1-1 Magazine (1B831, E5312952; Item T3)
- Item 2 Smith & Wesson revolver, Serial Number DAJ8789, with grips (1B833, E5312954; Item B2)
- Item 3 Sig Sauer rifle, Serial Number 63C003252, with bolt carrier and charging handle (1B832, E5312953; Item T4)
- Item 5 Magazine from Room K of 1912 S. Orange Ave. (Item T43) (1B223, E5312634)
- Item 6 Magazine with twenty-nine cartridges from Room C of 1912 S. Orange Ave. (Item T21) (1B217, E5312627)
- Item 7 Magazine with seventeen cartridges from Room C of 1912 S. Orange Ave. (Item T27) (1B218, E5312628)
- Item 8 Magazine with two cartridges from Room A of 1912 S. Orange Ave. (Item T28) (1B219, E5312629)
- Item 9 Magazine from Room K of 1912 S. Orange Ave. (Item T44) (1B224, E5312633)
- Item 10 Magazine from Room K of 1912 S. Orange Ave (Item T45) (1B232, E5312636)
- Item 11 Magazine from Room K of 1912 S. Orange Ave. (Item T46) (1B233,

UNCLASSIFIED

- E5312637)
- Item 12 Magazine from Room G of 1912 S. Orange Ave. (Item T50) (1B236, E5312639)
 - Item 13 Magazine from Room H of 1912 S. Orange Ave. (Item T52) (1B237, E5312640)
 - Item 14 Magazine from Room J of 1912 S. Orange Ave. (Item T39) (1B268, E5312648)
 - Item 15 Magazine from Room T of 1912 S. Orange Ave. (Item T236) (1B407, E5294926)
 - Item 16 Magazine with twenty-two cartridges from Room B of 1912 S. Orange Ave. (Item T7) (1B204, E5312623)
 - Item 17 Magazine with one cartridge from Room B of 1912 S. Orange Ave. (Item T8) (1B205, E5312624)
 - Item 18 Magazine with ten cartridges from 1900 block of S. Orange Ave. (Item J84) (1B613, E5312863)
 - Item 19 Magazine with eight cartridges from 1900 block of S. Orange Ave. (Item J108) (1B619, E5312869)
 - Item 20 Magazine with six cartridges from 1900 block of S. Orange Ave. (Item J134) (1B654, E5312904)
 - Item 21 Magazine with two cartridges from 1900 block of S. Orange Ave. (Item J135) (1B655, E5312905)
 - Item 22 Magazine from 1900 block of S. Orange Ave. (Item J8) (1B631, E5312881)
 - Item 23 Bullet from Room J of 1912 S. Orange Ave. (Item T214) (1B358, E5722747)
 - Item 24 Cartridge case from Room J of 1912 S. Orange Ave. (Item T198) (1B359, E5294899)
 - Item 25 Cartridge case from Room J of 1912 S. Orange Ave. (Item T199) (1B360, E5294900)
 - Item 26 Cartridge case from Room J of 1912 S. Orange Ave. (Item T200) (1B361, E5294901)
 - Item 27 Cartridge case from Room K of 1912 S. Orange Ave. (Item T201) (1B362, E5294902)
 - Item 28 Cartridge case from Room K of 1912 S. Orange Ave. (Item T201) (1B362, E5294902)
 - Item 29 Cartridge case from Room V of 1912 S. Orange Ave. (Item T215) (1B363, E5722748)
 - Item 30 Cartridge case from Room V of 1912 S. Orange Ave. (Item T215) (1B363,

- E5722748)
- Item 31 Cartridge case from Room J of 1912 S. Orange Ave. (Item 202) (1B364, E5294903)
- Item 32 Bullet from Room K of 1912 S. Orange Ave. (Item T217) (1B365, E5722750)
- Item 33 Cartridge case from Room G of 1912 S. Orange Ave. (Item T203) (1B366, E5294904)
- Item 34 Cartridge case from Room G of 1912 S. Orange Ave. (Item T203) (1B366, E5294904)
- Item 35 Cartridge case from Room G of 1912 S. Orange Ave. (Item T203) (1B366, E5294904)
- Item 36 Cartridge case from Room G of 1912 S. Orange Ave. (Item T203) (1B366, E5294904)
- Item 37 Cartridge case from Room G of 1912 S. Orange Ave. (Item T205) (1B367, E5294905)
- Item 38 Cartridge case from Room G of 1912 S. Orange Ave. (Item T205) (1B367, E5294905)
- Item 39 Cartridge case from Room R of 1912 S. Orange Ave. (Item T218) (1B368, E5722751)
- Item 40 Cartridge case from Room R of 1912 S. Orange Ave. (Item T219) (1B369, E5722752)
- Item 41 Cartridge case from Room R of 1912 S. Orange Ave. (Item T220) (1B370, E5722753)
- Item 42 Cartridge case from Room R of 1912 S. Orange Ave. (Item T221) (1B371, E5722754)
- Item 43 Cartridge case from Room R of 1912 S. Orange Ave. (Item T221) (1B371, E5722754)
- Item 44 Cartridge case from Room R of 1912 S. Orange Ave. (Item T221) (1B371, E5722754)
- Item 45 Cartridge case from Room R of 1912 S. Orange Ave. (Item T222) (1B372, E5722755)
- Item 46 Cartridge case from Room R of 1912 S. Orange Ave. (Item T222) (1B372, E5722755)
- Item 47 Cartridge case from Room T of 1912 S. Orange Ave. (Item T223) (1B373, E5722756)
- Item 48 Metal fragment from Room T of 1912 S. Orange Ave. (Item T224) (1B374, E5722757)

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- Item 49 Cartridge case from Room T of 1912 S. Orange Ave. (Item T225) (1B375, E5722758)
- Item 50 Bullet from Room K of 1912 S. Orange Ave. (Item T226) (1B376, E5722759)
- Item 51 Cartridge case from Room K of 1912 S. Orange Ave. (Item T227) (1B377, E5722760)
- Item 52 Pepper spray canister from Room J of 1912 S. Orange Ave. (Item T228) (1B378, E5722761)
- Item 53 Bullet from Room J of 1912 S. Orange Ave. (Item T229) (1B379, E5722762)
- Item 54 Cartridge case from Room J of 1912 S. Orange Ave. (Item T216) (1B380, E5722749)
- Item 55 Cartridge case from Room J of 1912 S. Orange Ave. (Item T216) (1B380, E5722749)
- Item 56 Cartridge case from Room C of 1912 S. Orange Ave. (Item T285) (1B381, E5722763)
- Item 57 Cartridge case from Room G of 1912 S. Orange Ave. (Item T206) (1B382, E5294906)
- Item 58 Cartridge case from Room G of 1912 S. Orange Ave. (Item T207) (1B383, E5294907)
- Item 59 Cartridge from Room G of 1912 S. Orange Ave. (Item T208) (1B384, E5294908)
- Item 60 Cartridge from Room G of 1912 S. Orange Ave. (Item T209) (1B385, E5294909)
- Item 61 Cartridge from Room G of 1912 S. Orange Ave. (Item T210) (1B386, E5294910)
- Item 62 Cartridge from Room G of 1912 S. Orange Ave. (Item T211) (1B387, E5294911)
- Item 63 Bullet from Room K of 1912 S. Orange Ave. (Item T286) (1B388, E5722764)
- Item 64 Metal fragment from Room K of 1912 S. Orange Ave. (Item T287) (1B389, E5722765)
- Item 65 Cartridge case from Room J of 1912 S. Orange Ave. (Item T288) (1B390, E5722766)
- Item 66 Cartridge case from Room J of 1912 S. Orange Ave. (Item T289) (1B391, E5722767)
- Item 67 Cartridge case from Room J of 1912 S. Orange Ave. (Item T289) (1B391, E5722767)

UNCLASSIFIED

- Item 68 Cartridge case from Room G of 1912 S. Orange Ave. (Item T204) (1B392, E5294912)
- Item 69 Cartridge case from Room G of 1912 S. Orange Ave. (Item T204) (1B392, E5294912)
- Item 70 Cartridge case from Room H of 1912 S. Orange Ave. (Item T212) (1B393, E5294913)
- Item 71 Cartridge case from Room H of 1912 S. Orange Ave. (Item T213) (1B394, E5294914)
- Item 72 Cartridge case from Room J of 1912 S. Orange Ave. (Item T290) (1B395, E5722768)
- Item 73 Cartridge case from Room T of 1912 S. Orange Ave. (Item T230) (1B396, E5294915)
- Item 74 Cartridge case from Room T of 1912 S. Orange Ave. (Item T231) (1B397, E5294916)
- Item 75 Cartridge case from Room T of 1912 S. Orange Ave. (Item T231) (1B397, E5294916)
- Item 76 Cartridge case from Room T of 1912 S. Orange Ave. (Item T233) (1B398, E5294917)
- Item 77 Cartridge case from Room T of 1912 S. Orange Ave. (Item T233) (1B398, E5294917)
- Item 78 Cartridge case from Room T of 1912 S. Orange Ave. (Item T234) (1B399, E5294918)
- Item 79 Cartridge from Room T of 1912 S. Orange Ave. (Item T235) (1B400, E5294919)
- Item 80 Cartridge case from Room T of 1912 S. Orange Ave. (Item T237) (1B401, E5294920)
- Item 81 Bullet from Room T of 1912 S. Orange Ave. (Item T239) (1B402, E5294921)
- Item 82 Bullet from Room T of 1912 S. Orange Ave. (Item T240) (1B403, E5294922)
- Item 83 Cartridge case from Room T of 1912 S. Orange Ave. (Item T241) (1B404, E5294923)
- Item 84 Cartridge case from Room T of 1912 S. Orange Ave. (Item T232) (1B405, E5294924)
- Item 85 Cartridge case from Room T of 1912 S. Orange Ave. (Item T232) (1B405, E5294924)
- Item 86 Bullet from Room J of 1912 S. Orange Ave. (Item T242) (1B406, E5294925)

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- Item 87 Bullet from Room T of 1912 S. Orange Ave. (Item T243) (1B408, E5294927)
- Item 88 Cartridge case from Room B of 1912 S. Orange Ave. (Item T244) (1B409, E5294928)
- Item 89 Cartridge case from Room B of 1912 S. Orange Ave. (Item T244) (1B409, E5294928)
- Item 90 Cartridge case from Room B of 1912 S. Orange Ave. (Item T244) (1B409, E5294928)
- Item 91 Cartridge case from Room B of 1912 S. Orange Ave. (Item T244) (1B409, E5294928)
- Item 92 Cartridge case from Room B of 1912 S. Orange Ave. (Item T244) (1B409, E5294928)
- Item 93 Cartridge case from Room B of 1912 S. Orange Ave. (Item T245) (1B410, E5294929)
- Item 94 Cartridge case from Room T of 1912 S. Orange Ave. (Item T238) (1B411, E5294930)
- Item 95 Cartridge from Room B of 1912 S. Orange Ave. (Item T246) (1B412, E5294931)
- Item 96 Cartridge case from Room B of 1912 S. Orange Ave. (Item T247) (1B413, E5294932)
- Item 97 Metal fragment from Room B of 1912 S. Orange Ave. (Item T248) (1B414, E5294933)
- Item 98 Cartridge from Room C of 1912 S. Orange Ave. (Item T250) (1B416, E5294935)
- Item 99 Metal fragment from Room C of 1912 S. Orange Ave. (Item T251) (1B417, E5294936)
- Item 100 Cartridge from Room C of 1912 S. Orange Ave. (Item T252) (1B418, E5294937)
- Item 101 Cartridge case from Room C of 1912 S. Orange Ave. (Item T253) (1B419, E5294938)
- Item 102 Cartridge case from Room C of 1912 S. Orange Ave. (Item T254) (1B420, E5294939)
- Item 103 Cartridge case from Room C of 1912 S. Orange Ave. (Item T257) (1B421, E5294940)
- Item 104 Bullet from Room C of 1912 S. Orange Ave. (Item T258) (1B422, E5294941)
- Item 105 Bullet from Room C of 1912 S. Orange Ave. (Item T259) (1B425, E5294944)

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- Item 106 Bullet from Room C of 1912 S. Orange Ave. (Item T260) (1B426, E5294945)
- Item 107 Bullet from Room C of 1912 S. Orange Ave. (Item T261) (1B427, E5294946)
- Item 108 Cartridge from Room C of 1912 S. Orange Ave. (Item T265) (1B428, E5312678)
- Item 109 Cartridge from Room C of 1912 S. Orange Ave. (Item T265) (1B428, E5312678)
- Item 110 Cartridge from Room C of 1912 S. Orange Ave. (Item T266) (1B429, E5312679)
- Item 111 Cartridge from Room C of 1912 S. Orange Ave. (Item T267) (1B430, E5312680)
- Item 112 Cartridge from Room C of 1912 S. Orange Ave. (Item T267) (1B430, E5312680)
- Item 113 Bullet from Room C of 1912 S. Orange Ave. (Item T263) (1B431, E5312681)
- Item 114 Cartridge case from Room C of 1912 S. Orange Ave. (Item T264) (1B432, E5312682)
- Item 115 Cartridge from Room C of 1912 S. Orange Ave. (Item T272) (1B433, E5312683)
- Item 116 Cartridge case from Room C of 1912 S. Orange Ave. (Item T275) (1B434, E5312684)
- Item 117 Metal fragment from Room C of 1912 S. Orange Ave. (Item T273) (1B435, E5312685)
- Item 118 Metal fragment from Room C of 1912 S. Orange Ave. (Item T274) (1B436, E5312686)
- Item 119 Metal fragment from Room C of 1912 S. Orange Ave. (Item T276) (1B437, E5312687)
- Item 120 Metal fragment from Room E of 1912 S. Orange Ave. (Item T268) (1B438, E5312688)
- Item 121 Metal fragment from Room J of 1912 S. Orange Ave. (Item #T269) (1B439, E5312689)
- Item 122 Metal fragment from Room J of 1912 S. Orange Ave. (Item T270) (1B440, E5312690)
- Item 123 Metal fragment from Room J of 1912 S. Orange Ave. (Item T271) (1B441, E5312691)
- Item 124 Bullet from Room J of 1912 S. Orange Ave. (Item T277) (1B442, E5312692)
- Item 125 Cartridge case from Room B of 1912 S. Orange Ave. (Item T9) (1B206,

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- E5312625)
- Item 126 Knife from Room B of 1912 S. Orange Ave. (Item T5) (1B203, E5312622)
 - Item 127 Keys from Room B of 1912 S. Orange Ave. (Item T12) (1B207, E5312626)
 - Item 128 Bullet from Room A of 1912 S. Orange Ave. (Item #T29) (1B220, E5312630)
 - Item 129 Cartridge from Room A of 1912 S. Orange Ave. (Item T32) (1B221, E5312631)
 - Item 130 Cartridge case from Room A of 1912 S. Orange Ave. (Item T74) (1B225, E5722701)
 - Item 131 Cartridge case from Room A of 1912 S. Orange Ave. (Item T75) (1B226, E5722703)
 - Item 132 Cartridge case from Room A of 1912 S. Orange Ave. (Item T76) (1B227, E5722704)
 - Item 133 Cartridge case from Room A of 1912 S. Orange Ave. (Item T77) (1B228, E5722705)
 - Item 134 Cartridge case from Room A of 1912 S. Orange Ave. (Item T78) (1B229, E5722706)
 - Item 135 Cartridge case from Room A of 1912 S. Orange Ave. (Item T78) (1B229, E5722706)
 - Item 136 Cartridge case from Room A of 1912 S. Orange Ave. (Item T73) (1B231, E5722702)
 - Item 137 Cartridge from Room K of 1912 S. Orange Ave. (Item T57) (1B234, E5312638)
 - Item 138 Cartridge case from Room F of 1912 S. Orange Ave. (Item T79) (1B235, E5722707)
 - Item 139 Cartridge from Room F of 1912 S. Orange Ave. (Item T59) (1B238, E5312641)
 - Item 140 Cartridge from Room C of 1912 S. Orange Ave. (Item T60) (1B239, E5312642)
 - Item 141 Cartridge from Room C of 1912 S. Orange Ave. (Item T60) (1B239, E5312642)
 - Item 142 Cartridge from Room C of 1912 S. Orange Ave. (Item T60) (1B239, E5312642)
 - Item 143 Cartridge case from Room A of 1912 S. Orange Ave. (Item T80) (1B240, E5722708)
 - Item 144 Cartridge case from Room A of 1912 S. Orange Ave. (Item T81) (1B241, E5722709)

UNCLASSIFIED

- Item 145 Cartridge case from Room A of 1912 S. Orange Ave. (Item T82) (1B242, E5722710)
- Item 146 Cartridge case from Room A of 1912 S. Orange Ave. (Item T83) (1B243, E5722711)
- Item 147 Cartridge case from Room A of 1912 S. Orange Ave. (Item T83) (1B243, E5722711)
- Item 148 Cartridge case from Room A of 1912 S. Orange Ave. (Item T83) (1B243, E5722711)
- Item 149 Cartridge case from Room A of 1912 S. Orange Ave. (Item T83) (1B243, E5722711)
- Item 150 Cartridge case from Room A of 1912 S. Orange Ave. (Item T84) (1B244, E5722712)
- Item 151 Cartridge case from Room A of 1912 S. Orange Ave. (Item T85) (1B245, E5722713)
- Item 152 Cartridge case from Room A of 1912 S. Orange Ave. (Item T85) (1B245, E5722713)
- Item 153 Cartridge case from Room A of 1912 S. Orange Ave. (Item T85) (1B245, E5722713)
- Item 154 Cartridge case from Room A of 1912 S. Orange Ave. (Item T86) (1B246, E5722714)
- Item 155 Cartridge case from Room A of 1912 S. Orange Ave. (Item T86) (1B246, E5722714)
- Item 156 Cartridge case from Room A of 1912 S. Orange Ave. (Item T86) (1B246, E5722714)
- Item 157 Cartridge case from Room A of 1912 S. Orange Ave. (Item T86) (1B246, E5722714)
- Item 158 Cartridge case from Room A of 1912 S. Orange Ave. (Item T86) (1B246, E5722714)
- Item 159 Cartridge case from Room A of 1912 S. Orange Ave. (Item T87) (1B247, E5722715)
- Item 160 Cartridge case from Room A of 1912 S. Orange Ave. (Item T88) (1B248, E5294854)
- Item 161 Cartridge case from Room A of 1912 S. Orange Ave. (Item T89) (1B249, E5294855)
- Item 162 Cartridge case from Room A of 1912 S. Orange Ave. (Item T90) (1B250, E5294856)

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- Item 163 Cartridge case from Room A of 1912 S. Orange Ave. (Item T91) (1B251, E5294857)
- Item 164 Cartridge case from Room A of 1912 S. Orange Ave. (Item T92) (1B252, E5294858)
- Item 165 Cartridge case from Room A of 1912 S. Orange Ave. (Item T93) (1B253, E5294859)
- Item 166 Cartridge case from Room A of 1912 S. Orange Ave. (Item T94) (1B254, E5294860)
- Item 167 Cartridge case from Room A of 1912 S. Orange Ave. (Item T95) (1B255, E5294861)
- Item 168 Bullet from Room T of 1912 S. Orange Ave. (Item T96) (1B256, E5294862)
- Item 169 Cartridge case from Room C of 1912 S. Orange Ave. (Item T97) (1B257, E5294863)
- Item 170 Cartridge case from Room T of 1912 S. Orange Ave. (Item T98) (1B258, E5294864)
- Item 171 Cartridge case from Room T of 1912 S. Orange Ave. (Item T99) (1B259, E5294865)
- Item 172 Cartridge case from Room T of 1912 S. Orange Ave. (Item T100) (1B260, E5294866)
- Item 173 Cartridge case from Room T of 1912 S. Orange Ave. (Item T101) (1B261, E5294867)
- Item 174 Cartridge case from Room T of 1912 S. Orange Ave. (Item T101) (1B261, E5294867)
- Item 175 Cartridge from Room C of 1912 S. Orange Ave. (Item T62) (1B263, E5312644)
- Item 176 Cartridge from Room C of 1912 S. Orange Ave. (Item T61) (1B262, E5312643)
- Item 177 Cartridge from Room C of 1912 S. Orange Ave. (Item T61) (1B262, E5312643)
- Item 178 Cartridge from Room C of 1912 S. Orange Ave. (Item T61) (1B262, E5312643)
- Item 179 Cartridge from Room C of 1912 S. Orange Ave. (Item T61) (1B262, E5312643)
- Item 180 Cartridge from Room C of 1912 S. Orange Ave. (Item T63) (1B264, E5312645)
- Item 181 Cartridge from Room C of 1912 S. Orange Ave. (Item T64) (1B265,

- E5312646)
- Item 182 Cartridge case from Room C of 1912 S. Orange Ave. (Item T102) (1B266, E5294868)
- Item 183 Cartridge case from Room C of 1912 S. Orange Ave. (Item T103) (1B267, E5294869)
- Item 184 Cartridge case from Room C of 1912 S. Orange Ave. (Item T103) (1B267, E5294869)
- Item 185 Cartridge case from Room J of 1912 S. Orange Ave. (Item T120) (1B269, E5294870)
- Item 186 Cartridge case from Room T of 1912 S. Orange Ave. (Item T104) (1B270, E5312649)
- Item 187 Bullet from Room T of 1912 S. Orange Ave. (Item T107) (1B271, E5312650)
- Item 188 Cartridge case from Room A of 1912 S. Orange Ave. (Item T114) (1B272, E5312651)
- Item 190 Bullet from Room J of 1912 S. Orange Ave. (Item T121) (1B273, E5294871)
- Item 191 Cartridge case from Room K of 1912 S. Orange Ave. (Item T115) (1B274, E5312653)
- Item 192 Bullet from Room J of 1912 S. Orange Ave. (Item T116) (1B275, E5312654)
- Item 193 Bullet from Room J of 1912 S. Orange Ave. (Item T117) (1B276, E5312655)
- Item 194 Bullet from Room J of 1912 S. Orange Ave. (Item T118) (1B277, E5312656)
- Item 195 Cartridge case from Room J of 1912 S. Orange Ave. (Item T119) (1B278, E5312657)
- Item 196 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 197 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 198 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 199 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 200 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 201 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 202 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279,

- E5722716)
- Item 203 Cartridge case from Room J of 1912 S. Orange Ave. (Item T134) (1B279, E5722716)
- Item 204 Cartridge case from Room B of 1912 S. Orange Ave. (Item #T109) (1B280, E5312658)
- Item 205 Cartridge case from Room C of 1912 S. Orange Ave. (Item T105) (1B281, E5312659)
- Item 206 Cartridge case from Room C of 1912 S. Orange Ave. (Item T106) (1B282, E5312660)
- Item 207 Cartridge case from Room C of 1912 S. Orange Ave. (Item T108) (1B283, E5312661)
- Item 208 Cartridge case from Room C of 1912 S. Orange Ave. (Item T112) (1B284, E5312662)
- Item 209 Cartridge case from Room K of 1912 S. Orange Ave. (Item T122) (1B285, E5294872)
- Item 210 Cartridge case from Room K of 1912 S. Orange Ave. (Item T122) (1B285, E5294872)
- Item 211 Cartridge case from Room K of 1912 S. Orange Ave. (Item T122) (1B285, E5294872)
- Item 212 Cartridge case from Room K of 1912 S. Orange Ave. (Item T125) (1B286, E5294873)
- Item 213 Cartridge case from Room K 1912 S. Orange Ave. (Item T128) (1B287, E5294874)
- Item 214 Cartridge case from Room K of 1912 S. Orange Ave. (Item T128) (1B287, E5294874)
- Item 215 Cartridge case from Room K of 1912 S. Orange Ave. (Item T129) (1B288, E5294875)
- Item 216 Cartridge case from Room K of 1912 S. Orange Ave. (Item T130) (1B289, E5294876)
- Item 217 Cartridge case from Room K of 1912 S. Orange Ave. (Item T130) (1B289, E5294876)
- Item 218 Cartridge case from Room K of 1912 S. Orange Ave. (Item T130) (1B289, E5294876)
- Item 219 Cartridge case from Room J of 1912 S. Orange Ave. (Item T135) (1B290, E5722717)
- Item 220 Cartridge case from Room J of 1912 S. Orange Ave. (Item T135) (1B290,

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E5722717)

- Item 221 Cartridge from Room A of 1912 S. Orange Ave. (Item T113) (1B293, E5312652)
- Item 222 Cartridge case from Room K of 1912 S. Orange Ave. (Item T123) (1B294, E5294877)
- Item 223 Cartridge case from Room K of 1912 S. Orange Ave. (Item T124) (1B297, E5294878)
- Item 224 Cartridge case from Room J of 1912 S. Orange Ave. (Item T131) (1B299, E5294879)
- Item 225 Cartridge case from Room J of 1912 S. Orange Ave. (Item T131) (1B299, E5294879)
- Item 226 Cartridge case from Room J of 1912 S. Orange Ave. (Item T132) (1B301, E5294880)
- Item 227 Cartridge case from Room J of 1912 S. Orange Ave. (Item T132) (1B301, E5294880)
- Item 228 Cartridge case from Room J of 1912 S. Orange Ave. (Item T132) (1B301, E5294880)
- Item 229 Cartridge case from Room J of 1912 S. Orange Ave. (Item T132) (1B301, E5294880)
- Item 230 Cartridge case from Room J of 1912 S. Orange Ave. (Item T132) (1B301, E5294880)
- Item 231 Cartridge case from Room J of 1912 S. Orange Ave. (Item T132) (1B301, E5294880)
- Item 232 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302, E5294881)
- Item 233 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302, E5294881)
- Item 234 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302, E5294881)
- Item 235 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302, E5294881)
- Item 236 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302, E5294881)
- Item 237 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302, E5294881)
- Item 238 Cartridge case from Room J of 1912 S. Orange Ave. (Item T133) (1B302,

UNCLASSIFIED

- E5294881)
- Item 239 Cartridge case from Room K of 1912 S. Orange Ave. (Item T126) (1B348, E5294898)
 - Item 240 Cartridge case from Room K of 1912 S. Orange Ave. (Item T126) (1B348, E5294898)
 - Item 300 Speed loader with cartridges from Dodge Caravan (Item B10) (1B461, E5312711)
 - Item 301 Speed loader with cartridges from Dodge Caravan (Item B11) (1B462, E5312712)
 - Item 302 Speed loader with cartridges from Dodge Caravan (Item B12) (1B443, E5312693)
 - Item 303 Winchester ammunition box from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 304 Tray from Item 303 (Item B24) (1B452, E5312702)
 - Item 305 Fifty cartridges from Item 303 (Item B24) (1B452, E5312702)
 - Item 306 Tray from Item 303 (Item B24) (1B452, E5312702)
 - Item 307 Fifty cartridges from Item 303 (Item B24) (1B452, E5312702)
 - Item 308 Winchester ammunition box from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 309 Tray from Item 308 (Item B24) (1B452, E5312702)
 - Item 310 Forty-four cartridges from Item 308 (Item B24) (1B452, E5312702)
 - Item 311 Tray from Item 308 (Item B24) (1B452, E5312702)
 - Item 312 Fifty cartridges from Item 308 (Item B24) (1B452, E5312702)
 - Item 313 Box from vehicle (Item B24) (1B452, E5312702)
 - Item 314 Plastic bag from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 315 Box from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 316 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 317 Box from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 318 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 319 Plastic bag from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 320 Box from Dodge Caravan (Item B24) (1B452, E5312702)
 - Item 321 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)

UNCLASSIFIED

- Item 322 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 323 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 324 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 325 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 326 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 327 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 328 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 329 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 330 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 331 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 332 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 333 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 334 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 335 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 336 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 337 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 338 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 339 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 340 Plastic bag from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 341 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 342 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 343 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 344 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 345 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 346 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 347 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 348 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 349 Box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 350 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 351 Box from Dodge Caravan (Item B24) (1B452, E5312702)

UNCLASSIFIED

Item 352 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 353 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 354 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 355 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 356 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 357 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 358 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 359 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 360 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 361 Plastic bag from Dodge Caravan (Item B24) (1B452, E5312702)
Item 362 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 363 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 364 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 365 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 366 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 367 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 368 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 369 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 370 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 371 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 372 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 373 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 374 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 375 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 376 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 377 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 378 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 379 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)
Item 380 Box from Dodge Caravan (Item B24) (1B452, E5312702)
Item 381 Twenty cartridges from Dodge Caravan (Item B24) (1B452, E5312702)

UNCLASSIFIED

- Item 382 Box with debris from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 383 Fiocchi ammunition box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 384 Tray from Item 383 (Item B24) (1B452, E5312702)
- Item 385 Fifty cartridges from Item 383 (Item B24) (1B452, E5312702)
- Item 386 Fiocchi ammunition box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 387 Tray from Item 386 (Item B24) (1B452, E5312702)
- Item 388 Fifty cartridges from Item 386 (Item B24) (1B452, E5312702)
- Item 389 Fiocchi ammunition box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 390 Tray from Item 389 (Item B24) (1B452, E5312702)
- Item 391 Fifty cartridges from Item 389 (Item B24) (1B452, E5312702)
- Item 392 Fiocchi ammunition box from Dodge Caravan (Item B24) (1B452, E5312702)
- Item 393 Tray from Item 392 (Item B24) (1B452, E5312702)
- Item 394 Thirty cartridges from Item 392 (Item B24) (1B452, E5312702)
- Item 395 Cartridge case from Room J of 1912 S. Orange Ave. (Item T136) (1B291, E5722718)
- Item 396 Cartridge case from Room J of 1912 S. Orange Ave. (Item T137) (1B292, E5722719)
- Item 397 Cartridge case from Room J of 1912 S. Orange Ave. (Item T137) (1B292, E5722719)
- Item 398 Cartridge case from Room J of 1912 S. Orange Ave. (Item T137) (1B292, E5722719)
- Item 399 Cartridge case from Room J of 1912 S. Orange Ave. (Item T138) (1B295, E5722720)
- Item 400 Cartridge case from Room J of 1912 S. Orange Ave. (Item T139) (1B296, E5722721)
- Item 401 Cartridge case from Room J of 1912 S. Orange Ave. (Item T139) (1B296, E5722721)
- Item 402 Cartridge case from Room J of 1912 S. Orange Ave. (Item T139) (1B296, E5722721)
- Item 403 Cartridge case from Room J of 1912 S. Orange Ave. (Item T139) (1B296, E5722721)
- Item 404 Cartridge case from Room J of 1912 S. Orange Ave. (Item T139) (1B296, E5722721)

UNCLASSIFIED

- Item 405 Cartridge case from Room J of 1912 S. Orange Ave. (Item T139) (1B296, E5722721)
- Item 406 Cartridge case from Room J of 1912 S. Orange Ave. (Item T140) (1B298, E5722722)
- Item 407 Cartridge case from Room J of 1912 S. Orange Ave. (Item T140) (1B298, E5722722)
- Item 408 Cartridge case from Room K of 1912 S. Orange Ave. (Item T141) (1B300, E5722723)
- Item 409 Cartridge case from Room K of 1912 S. Orange Ave. (Item T142) (1B303, E5722724)
- Item 410 Cartridge case from Room K of 1912 S. Orange Ave. (Item T142) (1B303, E5722724)
- Item 411 Cartridge case from Room K of 1912 S. Orange Ave. (Item T142) (1B303, E5722724)
- Item 412 Cartridge case from Room K of 1912 S. Orange Ave. (Item T142) (1B303, E5722724)
- Item 413 Cartridge case from Room K of 1912 S. Orange Ave. (Item T143) (1B304, E5722725)
- Item 414 Cartridge case from Room K of 1912 S. Orange Ave. (Item T144) (1B305, E5722726)
- Item 415 Cartridge case from Room K of 1912 S. Orange Ave. (Item T144) (1B305, E5722726)
- Item 416 Cartridge case from Room K of 1912 S. Orange Ave. (Item T145) (1B306, E5722727)
- Item 417 Cartridge case from Room J of 1912 S. Orange Ave. (Item T147) (1B307, E5722728)
- Item 418 Cartridge case from Room J of 1912 S. Orange Ave. (Item T147) (1B307, E5722728)
- Item 419 Cartridge case from Room J of 1912 S. Orange Ave. (Item T148) (1B308, E5722729)
- Item 420 Cartridge case from Room J of 1912 S. Orange Ave. (Item T148) (1B308, E5722729)
- Item 421 Cartridge case from Room J of 1912 S. Orange Ave. (Item T149) (1B309, E5722730)
- Item 422 Cartridge case from Room J of 1912 S. Orange Ave. (Item T167) (1B310, E5312663)

UNCLASSIFIED

- Item 423 Cartridge case from Room J of 1912 S. Orange Ave. (Item T169) (1B311, E5312664)
- Item 424 Cartridge case from Room J of 1912 S. Orange Ave. (Item T170) (1B312, E5312666)
- Item 425 Cartridge case from Room J of 1912 S. Orange Ave. (Item T170) (1B312, E5312666)
- Item 426 Metal fragment from Room J of 1912 S. Orange Ave. (Item T171) (1B313, E5312665)
- Item 427 Metal fragment from Room J of 1912 S. Orange Ave. (Item T172) (1B314, E5312667)
- Item 428 Cartridge case from Room J of 1912 S. Orange Ave. (Item T166) (1B315, E5312668)
- Item 429 Cartridge case from Room J of 1912 S. Orange Ave. (Item T166) (1B315, E5312668)
- Item 430 Cartridge case from Room J of 1912 S. Orange Ave. (Item T150) (1B316, E5294882)
- Item 431 Cartridge case from Room J of 1912 S. Orange Ave. (Item T150) (1B316, E5294882)
- Item 432 Cartridge case from Room J of 1912 S. Orange Ave. (Item T151) (1B317, E5294883)
- Item 433 Cartridge case from Room J of 1912 S. Orange Ave. (Item T152) (1B318, E5294885)
- Item 434 Cartridge case from Room J of 1912 S. Orange Ave. (Item T152) (1B318, E5294885)
- Item 435 Cartridge case from Room J of 1912 S. Orange Ave. (Item T153) (1B319, E5294884)
- Item 436 Cartridge case from Room J of 1912 S. Orange Ave. (Item T154) (1B320, E5294886)
- Item 437 Cartridge case from Room J of 1912 S. Orange Ave. (Item T155) (1B321, E5294887)
- Item 438 Cartridge case from Room J of 1912 S. Orange Ave. (Item T156) (1B322, E5294888)
- Item 439 Cartridge case from Room J of 1912 S. Orange Ave. (Item T157) (1B323, E5294889)
- Item 440 Cartridge case from Room J of 1912 S. Orange Ave. (Item T157) (1B323, E5294889)

UNCLASSIFIED

- Item 441 Cartridge case from Room J of 1912 S. Orange Ave. (Item T158) (1B324, E5294890)
- Item 442 Cartridge case from Room J of 1912 S. Orange Ave. (Item T158) (1B324, E5294890)
- Item 443 Cartridge case from Room J of 1912 S. Orange Ave. (Item T159) (1B325, E5294891)
- Item 444 Cartridge case from Room J of 1912 S. Orange Ave. (Item T160) (1B326, E5294892)
- Item 445 Cartridge case from Room J of 1912 S. Orange Ave. (Item T160) (1B326, E5294892)
- Item 446 Cartridge case from Room J of 1912 S. Orange Ave. (Item T160) (1B326, E5294892)
- Item 447 Cartridge case from Room J of 1912 S. Orange Ave. (Item T160) (1B326, E5294892)
- Item 448 Cartridge case from Room J of 1912 S. Orange Ave. (Item T160) (1B326, E5294892)
- Item 449 Cartridge case from Room J of 1912 S. Orange Ave. (Item T161) (1B327, E5294893)
- Item 450 Cartridge case from Room J of 1912 S. Orange Ave. (Item T161) (1B327, E5294893)
- Item 451 Cartridge case from Room J of 1912 S. Orange Ave. (Item T161) (1B327, E5294893)
- Item 452 Cartridge case from Room J of 1912 S. Orange Ave. (Item T162) (1B328, E5294894)
- Item 453 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 453-1 Metal fragment from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 454 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 455 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 456 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 457 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)

UNCLASSIFIED

- Item 458 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 459 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 460 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 461 Cartridge case from Room J of 1912 S. Orange Ave. (Item T163) (1B329, E5294895)
- Item 462 Cartridge case from Room J of 1912 S. Orange Ave. (Item T164) (1B330, E5294896)
- Item 463 Cartridge case from Room J of 1912 S. Orange Ave. (Item T164) (1B330, E5294896)
- Item 464 Cartridge case from Room J of 1912 S. Orange Ave. (Item T165) (1B331, E5294897)
- Item 465 Cartridge case from Room J of 1912 S. Orange Ave. (Item T165) (1B331, E5294897)
- Item 466 Cartridge case from Room J of 1912 S. Orange Ave. (Item T168) (1B332, E5312669)
- Item 467 Cartridge case from Room J of 1912 S. Orange Ave. (Item T173) (1B333, E5312670)
- Item 468 Metal fragment from Room J of 1912 S. Orange Ave. (Item T174) (1B334, E5312671)
- Item 469 Cartridge case from Room J of 1912 S. Orange Ave. (Item T178) (1B335, E5312672)
- Item 470 Cartridge case from Room J of 1912 S. Orange Ave. (Item T178) (1B335, E5312672)
- Item 471 Cartridge case from Room J of 1912 S. Orange Ave. (Item T179) (1B336, E5312673)
- Item 472 Cartridge case from Room J of 1912 S. Orange Ave. (Item T180) (1B337, E5312674)
- Item 473 Cartridge case from Room J of 1912 S. Orange Ave. (Item T181) (1B338, E5312675)
- Item 474 Cartridge case from Room J of 1912 S. Orange Ave. (Item T181) (1B338, E5312675)
- Item 475 Cartridge case from Room J of 1912 S. Orange Ave. (Item T181) (1B338, E5312675)

UNCLASSIFIED

- Item 476 Metal fragment from Room J of 1912 S. Orange Ave. (Item T175) (1B339, E5312676)
- Item 477 Metal fragment from Room J of 1912 S. Orange Ave. (Item T176) (1B340, E5312677)
- Item 478 Cartridge case from Room J of 1912 S. Orange Ave. (Item T182) (1B341, E5722731)
- Item 479 Cartridge case from Room J of 1912 S. Orange Ave. (Item T183) (1B342, E5722732)
- Item 480 Cartridge case from Room J of 1912 S. Orange Ave. (Item T183) (1B342, E5722732)
- Item 481 Cartridge case from Room J of 1912 S. Orange Ave. (Item T184) (1B343, E5722733)
- Item 482 Cartridge case from Room J of 1912 S. Orange Ave. (Item T185) (1B334, E5722734)
- Item 483 Cartridge case from Room J of 1912 S. Orange Ave. (Item T186) (1B345, E5722735)
- Item 484 Cartridge case from Room J of 1912 S. Orange Ave. (Item T187) (1B346, E5722736)
- Item 485 Cartridge case from Room J of 1912 S. Orange Ave. (Item T188) (1B347, E5722737)
- Item 486 Cartridge case from Room J of 1912 S. Orange Ave. (Item T189) (1B349, E5722738)
- Item 487 Cartridge case from Room J of 1912 S. Orange Ave. (Item T190) (1B350, E5722739)
- Item 488 Cartridge case from Room J of 1912 S. Orange Ave. (Item T191) (1B351, E5722740)
- Item 489 Cartridge case from Room J of 1912 S. Orange Ave. (Item T191) (1B351, E5722740)
- Item 490 Cartridge case from Room J of 1912 S. Orange Ave. (Item T191) (1B351, E5722740)
- Item 491 Cartridge case from Room J of 1912 S. Orange Ave. (Item T191) (1B351, E5722740)
- Item 492 Cartridge case from Room J of 1912 S. Orange Ave. (Item T192) (1B352, E5722741)
- Item 493 Cartridge case from Room J of 1912 S. Orange Ave. (Item T192) (1B352, E5722741)

UNCLASSIFIED

- Item 494 Cartridge case from Room J of 1912 S. Orange Ave. (Item T192) (1B352, E5722741)
- Item 495 Cartridge case from Room J of 1912 S. Orange Ave. (Item T192) (1B352, E5722741)
- Item 496 Cartridge case from Room J of 1912 S. Orange Ave. (Item T193) (1B353, E5722742)
- Item 497 Cartridge case from Room J of 1912 S. Orange Ave. (Item T193) (1B353, E5722742)
- Item 498 Cartridge case from Room J of 1912 S. Orange Ave. (Item T193) (1B353, E5722742)
- Item 499 Cartridge case from Room J of 1912 S. Orange Ave. (Item T194) (1B354, E5722743)
- Item 500 Cartridge case from Room J of 1912 S. Orange Ave. (Item T194) (1B354, E5722743)
- Item 501 Cartridge case from Room J of 1912 S. Orange Ave. (Item T194) (1B354, E5722743)
- Item 502 Cartridge case from Room J of 1912 S. Orange Ave. (Item T195) (1B355, E5722744)
- Item 503 Cartridge case from Room J of 1912 S. Orange Ave. (Item T196) (1B356, E5722745)
- Item 504 Cartridge case from Room J of 1912 S. Orange Ave. (Item T196) (1B356, E5722745)
- Item 505 Cartridge case from Room J of 1912 S. Orange Ave. (Item T197) (1B357, E5722746)
- Item 506 Metal fragment from scene J parking lot of 1900 block of S. Orange Ave. (Item J1) (1B519, E5312769)
- Item 507 Metal fragment from scene J parking lot of 1900 block of S. Orange Ave. (Item J2) (1B520, E5312770)
- Item 508 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J4) (1B523, E5312773)
- Item 509 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J6) (1B524, E5312774)
- Item 510 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J9) (1B525, E5312775)
- Item 511 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J11) (1B526, E5312776)

UNCLASSIFIED

- Item 512 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J12) (1B527, E5312777)
- Item 513 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J15) (1B528, E5312778)
- Item 514 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J15) (1B528, E5312778)
- Item 515 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J33) (1B529, E5312779)
- Item 516 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J34) (1B530, E5312780)
- Item 517 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J3) (1B550, E5312800)
- Item 518 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J13) (1B551, E5312801)
- Item 519 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J14) (1B552, E5312802)
- Item 520 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J17) (1B553, E5312803)
- Item 521 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J18) (1B554, E5312804)
- Item 522 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J19) (1B555, E5312805)
- Item 523 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J25) (1B556, E5312806)
- Item 524 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J26) (1B557, E5312807)
- Item 525 Metal fragment from scene J on pavement of 1900 block of S. Orange Ave. (Item J35) (1B558, E5312808)
- Item 526 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J36) (1B559, E5312809)
- Item 527 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J37) (1B560, E5312810)
- Item 528 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J5) (1B590, E5312840)
- Item 529 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J10) (1B591, E5312841)

UNCLASSIFIED

- Item 530 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J16) (1B592, E5312842)
- Item 531 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J16) (1B592, E5312842)
- Item 532 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J22) (1B593, E5312843)
- Item 533 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J28) (1B594, E5312844)
- Item 534 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J29) (1B595, E5312845)
- Item 535 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J30) (1B596, E5312846)
- Item 536 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J31) (1B597, E5312847)
- Item 537 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J39) (1B598, E5312848)
- Item 538 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J40) (1B599, E5312849)
- Item 539 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J23) (1B628, E5312878)
- Item 540 Cartridge from scene J parking lot of 1900 block of S. Orange Ave. (Item J7) (1B630, E5312880)
- Item 541 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J20) (1B632, E5312882)
- Item 542 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J21) (1B633, E5312883)
- Item 543 Cartridge case from scene J parking lot of 1900 block of S. Orange Ave. (Item J21) (1B633, E5312883)
- Item 544 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J24) (1B634, E5312884)
- Item 545 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J27) (1B635, E5312885)
- Item 546 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J32) (1B636, E5312886)
- Item 547 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J38) (1B656, E5312906)

UNCLASSIFIED

- Item 548 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J53) (1B531, E5312781)
- Item 549 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J54) (1B532, E5312782)
- Item 550 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J55) (1B533, E5312783)
- Item 551 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J55) (1B533, E5312783)
- Item 552 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J56) (1B534, E5312784)
- Item 553 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J67) (1B535, E5312785)
- Item 554 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J68) (1B536, E5312786)
- Item 555 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J68) (1B536, E5312786)
- Item 556 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J75) (1B537, E5312787)
- Item 557 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J76) (1B538, E5312788)
- Item 558 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J77) (1B539, E5312789)
- Item 559 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J78) (1B540, E5312790)
- Item 560 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J79) (1B541, E5312791)
- Item 561 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J47) (1B561, E5312811)
- Item 562 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J48) (1B562, E5312812)
- Item 563 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J48) (1B562, E5312812)
- Item 564 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J49) (1B563, E5312813)
- Item 565 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J64) (1B564, E5312814)

UNCLASSIFIED

- Item 566 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J65) (1B565, E5312815)
- Item 567 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J66) (1B566, E5312816)
- Item 568 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J72) (1B567, E5312817)
- Item 569 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J72) (1B567, E5312817)
- Item 570 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J72) (1B567, E5312817)
- Item 571 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J73) (1B568, E5312818)
- Item 572 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J73) (1B568, E5312818)
- Item 573 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J73) (1B568, E5312818)
- Item 574 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J74) (1B569, E5312819)
- Item 575 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J41) (1B600, E5312850)
- Item 576 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J44) (1B601, E5312851)
- Item 577 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J45) (1B602, E5312852)
- Item 578 Cartridge from scene J in grass of 1900 block of S. Orange Ave. (Item J46) (1B603, E5312853)
- Item 579 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J57) (1B604, E5312854)
- Item 580 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J58) (1B605, E5312855)
- Item 581 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J59) (1B606, E5312856)
- Item 582 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J60) (1B607, E5312857)
- Item 583 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J69) (1B608, E5312858)

UNCLASSIFIED

- Item 584 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J70) (1B609, E5312859)
- Item 585 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J71) (1B610, E5312860)
- Item 586 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J80) (1B611, E5312861)
- Item 587 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J42) (1B637, E5312887)
- Item 588 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J43) (1B638, E5312888)
- Item 589 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J50) (1B639, E5312889)
- Item 590 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J51) (1B640, E5312890)
- Item 591 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J) (1B641, E5312891)
- Item 592 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J61) (1B642, E5312892)
- Item 593 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J62) (1B643, E5312893)
- Item 594 Cartridge case from scene J in grass of 1900 block of S. Orange Ave. (Item J63) (1B644, E5312894)
- Item 600 Bullet from Room J of 1912 S. Orange Ave. (Item 175A) (1B668, E5721660)
- Item 601 Metal fragment from front door of 1912 S. Orange Ave. (Item 297) (1B669, E5721661)
- Item 602 Bullet from Room J of 1912 S. Orange Ave. (Item T298) (1B670, E5721662)
- Item 603 Metal fragment from Room J of 1912 S. Orange Ave. (Item T300) (1B671, E5721663)
- Item 604 Metal fragment from Room J of 1912 S. Orange Ave. (Item T301) (1B672, E5721664)
- Item 605 Metal fragment from TV of 1912 S. Orange Ave. (Item T303) (1B673, E5721665)
- Item 606 Metal fragment from TV of 1912 S. Orange Ave. (Item T303) (1B673, E5721665)
- Item 607 Metal fragment from Room J of 1912 S. Orange Ave. (Item T305) (1B675, E5721667)

UNCLASSIFIED

- Item 608 Metal fragment from Room J of 1912 S. Orange Ave. (Item T305) (1B675, E5721667)
- Item 609 Bullet from Room J of 1912 S. Orange Ave. (Item T307) (1B677, E5721669)
- Item 610 Metal fragment from Room J of 1912 S. Orange Ave. (Item T308) (1B678, E5721670)
- Item 611 Metal fragment from Room J of 1912 S. Orange Ave. (Item T309) (1B679, E5721671)
- Item 612 Metal fragment from Room J of 1912 S. Orange Ave. (Item T312) (1B682, E5721674)
- Item 615 Metal fragment from Room K of 1912 S. Orange Ave. (Item T316) (1B686, E5721678)
- Item 616 Metal fragment from Room J of 1912 S. Orange Ave. (Item T318) (1B688, E5721680)
- Item 617 Metal fragment from Room J of 1912 S. Orange Ave. (Item T318) (1B688, E5721680)
- Item 618 Bullet from Room K of 1912 S. Orange Ave. (Item T319) (1B689, E5721681)
- Item 619 Metal fragment from Room K of 1912 S. Orange Ave. (Item T320) (1B690, E5721682)
- Item 620 Metal fragment from Room J of 1912 S. Orange Ave. (Item T321) (1B691, E5721683)
- Item 621 Bullet from Room J of 1912 S. Orange Ave. (Item T322) (1B692, E5721684)
- Item 622 Metal fragment from Room J of 1912 S. Orange Ave. (Item T323) (1B693, E5721685)
- Item 623 Metal fragment from Room J of 1912 S. Orange Ave. (Item T325) (1B694, E5721686)
- Item 624 Cartridge case from Room K of 1912 S. Orange Ave. (Item T326) (1B695, E5721687)
- Item 625 Cartridge case from Room K of 1912 S. Orange Ave. (Item T326) (1B695, E5721687)
- Item 626 Metal fragment from Room K of 1912 S. Orange Ave. (Item T327) (1B696, E5721688)
- Item 627 Metal fragment from Room K of 1912 S. Orange Ave. (Item T328) (1B697, E5721689)
- Item 628 Metal fragment from Room K of 1912 S. Orange Ave. (Item T329) (1B698, E5721690)

UNCLASSIFIED

- Item 629 Metal fragment from Room A of 1912 S. Orange Ave. (Item T332) (1B701, E5721693)
- Item 630 Metal fragment from Room A of 1912 S. Orange Ave. (Item T334) (1B703, E5721695)
- Item 631 Metal fragment from Room J of 1912 S. Orange Ave. (Item T335) (1B704, E5721696)
- Item 632 Metal fragment from Room A of 1912 S. Orange Ave. (Item T336) (1B705, E5721697)
- Item 633 Metal fragment from Room A of 1912 S. Orange Ave. (Item #T337) (1B706, E5721698)
- Item 634 Metal fragment from Room A of 1912 S. Orange Ave. (Item #T337) (1B706, E5721698)
- Item 635 Metal fragment from Room A of 1912 S. Orange Ave. (Item #T337) (1B706, E5721698)
- Item 636 Metal fragment from Room A of 1912 S. Orange Ave. (Item T338) (1B707, E5721699)
- Item 637 Piece of wood with nails (Item T338) (1B707, E5721699)
- Item 638 Portion of wall with screw (Item T338) (1B707, E5721699)
- Item 639 Metal fragment from Room A of 1912 S. Orange Ave. (Item T339) (1B708, E5721700)
- Item 640 Metal fragment from Room A of 1912 S. Orange Ave. (Item T340) (1B709, E5721701)
- Item 641 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T342) (1B710, E5721702)
- Item 642 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T343) (1B711, E5721703)
- Item 643 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T343) (1B711, E5721703)
- Item 644 Bullet from tree at NW corner of 1912 S. Orange Ave. (Item T344) (1B712, E5721704)
- Item 645 Metal fragment from Room T of 1912 S. Orange Ave. (Item T345) (1B713, E5721705)
- Item 646 Bullet from Room B of 1912 S. Orange Ave. (Item T346) (1B714, E5721706)
- Item 647 Bullet from Room B of 1912 S. Orange Ave. (Item T347) (1B715, E5721707)
- Item 648 Bullet from Room B of 1912 S. Orange Ave. (Item T347) (1B715, E5721707)

UNCLASSIFIED

- Item 649 Metal fragment from Room B of 1912 S. Orange Ave. (Item T348) (1B717, E5721709)
- Item 650 Metal fragment from Room B of 1912 S. Orange Ave. (Item T348) (1B717, E5721709)
- Item 652 Metal fragment from Room B of 1912 S. Orange Ave. (Item T349) (1B718, E5721710)
- Item 653 Metal fragment from Room T of 1912 S. Orange Ave. (Item T350) (1B719, E5721711)
- Item 654 Metal fragment from Room C of 1912 S. Orange Ave. (Item 351) (1B720, E5721712)
- Item 655 Metal fragment from Room C of 1912 S. Orange Ave. (Item 351) (1B720, E5721712)
- Item 656 Metal fragment from Room C of 1912 S. Orange Ave. (Item 351) (1B720, E5721712)
- Item 657 Metal fragment from Room C of 1912 S. Orange Ave. (Item 351) (1B720, E5721712)
- Item 658 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T352) (1B721, E5721713)
- Item 659 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T352) (1B721, E5721713)
- Item 660 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T352) (1B721, E5721713)
- Item 662 Bullet from Room A of 1912 S. Orange Ave. (Item T353) (1B722, E5721714)
- Item 663 Metal fragment from Room C of 1912 S. Orange Ave. (Item T354) (1B723, E5721715)
- Item 664 Metal fragment from Room C of 1912 S. Orange Ave. (Item T354) (1B723, E5721715)
- Item 665 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724, E5721716)
- Item 666 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724, E5721716)
- Item 667 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724, E5721716)
- Item 668 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724, E5721716)
- Item 669 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724,

UNCLASSIFIED

- E5721716)
- Item 670 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724, E5721716)
 - Item 671 Metal fragment from Room C of 1912 S. Orange Ave. (Item T355) (1B724, E5721716)
 - Item 672 Metal fragment from Room C of 1912 S. Orange Ave. (Item T356) (1B725, E5721717)
 - Item 673 Metal fragment from Room A of 1912 S. Orange Ave. (Item T357) (1B726, E5721718)
 - Item 674 Metal fragment from Room A of 1912 S. Orange Ave. (Item T357) (1B726, E5721718)
 - Item 675 Metal fragment from tree at NW corner of 1912 S. Orange Ave. (Item T341) (1B727, E5721719)
 - Item 676 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 677 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 678 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 679 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 680 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 681 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 682 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 683 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 684 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 685 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 686 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 687 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 688 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 689 Test fires (Item FDLE-1) (1B728, E5721720)
 - Item 690 Cartridge case from road in front of 1912 S. Orange Ave. (Item A9) (1B154, E5312615)
 - Item 691 Metal fragment from West Esther St. (Item A60) (1B155, E5312616)
 - Item 692 Cartridge case from front of 1912 S. Orange Ave. (Item A62) (1B156, E5312617)
 - Item 693 Cartridge case from front of 1912 S. Orange Ave. (Item A63) (1B157,

UNCLASSIFIED

- E5312618)
- Item 694 Cartridge from storm drain near Kaley St. and Orange St. (Item A64) (1B158, E5312619)
 - Item 695 Metal fragment from S. Orange Ave. (Item A66) (1B160, E5312621)
 - Item 696 Metal fragment from 1900 block of S. Orange Ave. (Item C2) (1B464, E5312714)
 - Item 697 Metal fragment from 1900 block of S. Orange Ave. (Item C3) (1B465, E5312715)
 - Item 698 Metal fragment from 1900 block of S. Orange Ave. (Item C4) (1B466, E5312716)
 - Item 699 Metal fragment from 1900 block of S. Orange Ave. (Item C5) (1B467, E5312717)
 - Item 700 Metal fragment from 1900 block of S. Orange Ave. (Item C6) (1B468, E5312718)
 - Item 701 Metal fragment from 1900 block of S. Orange Ave. (Item C7) (1B469, E5312719)
 - Item 702 Metal fragment from 1900 block of S. Orange Ave. (Item C8) (1B470, E5312720)
 - Item 703 Metal fragment from 1900 block of S. Orange Ave. (Item C9) (1B471, E5312721)
 - Item 704 Metal fragment from 1900 block of S. Orange Ave. (Item C10) (1B472, E5312722)
 - Item 705 Metal fragment from 1900 block of S. Orange Ave. (Item C11) (1B473, E5312723)
 - Item 706 Metal fragment from 1900 block of S. Orange Ave. (Item C12) (1B474, E5312724)
 - Item 707 Metal fragment from 1900 block of S. Orange Ave. (Item C13) (1B475, E5312725)
 - Item 708 Metal fragment from 1900 block of S. Orange Ave. (Item C14) (1B476, E5312726)
 - Item 709 Metal fragment from 1900 block of S. Orange Ave. (Item C15) (1B477, E5312727)
 - Item 710 Metal fragment from 1900 block of S. Orange Ave. (Item C16) (1B478, E5312728)
 - Item 711 Metal fragment from 1900 block of S. Orange Ave. (Item C17) (1B479, E5312729)

UNCLASSIFIED

- Item 712 Metal fragment from 1900 block of S. Orange Ave. (Item C18) (1B480, E5312730)
- Item 713 Metal fragment from 1900 block of S. Orange Ave. (Item C19) (1B481, E5312731)
- Item 714 Metal fragment from 1900 block of S. Orange Ave. (Item C20) (1B482, E5312732)
- Item 715 Metal fragment from 1900 block of S. Orange Ave. (Item C21) (1B483, E5312733)
- Item 716 Metal fragment from 1900 block of S. Orange Ave. (Item C22) (1B484, E5312734)
- Item 717 Metal fragment from 1900 block of S. Orange Ave. (Item C23) (1B485, E5312735)
- Item 718 Metal fragment from 1900 block of S. Orange Ave. (Item C24) (1B486, E5312736)
- Item 719 Metal fragment from 1900 block of S. Orange Ave. (Item C25) (1B487, E5312737)
- Item 720 Metal fragment from 1900 block of S. Orange Ave. (Item C26) (1B488, E5312738)
- Item 721 Metal fragment from 1900 block of S. Orange Ave. (Item C27) (1B489, E5312739)
- Item 722 Metal fragment from 1900 block of S. Orange Ave. (Item C28) (1B490, E5312740)
- Item 723 Metal fragment from 1900 block of S. Orange Ave. (Item C29) (1B491, E5312741)
- Item 724 Metal fragment from 1900 block of S. Orange Ave. (Item C31) (1B492, E5312742)
- Item 725 Bullet from 1900 block of S. Orange Ave. (Item D1) (1B493, E5312743)
- Item 726 Cartridge case from 1900 block of S. Orange Ave. (Item E1) (1B496, E5312746)
- Item 727 Cartridge case from 1900 block of S. Orange Ave. (Item E2) (1B497, E5312747)
- Item 728 Cartridge case from 1900 block of S. Orange Ave. (Item E3) (1B498, E5312748)
- Item 729 Cartridge from 1900 block of S. Orange Ave. (Item E10) (1B499, E5312749)
- Item 730 Cartridge case from 1900 block of S. Orange Ave. (Item E4) (1B501,

UNCLASSIFIED

- E5312751)
- Item 731 Cartridge case from 1900 block of S. Orange Ave. (Item E5) (1B502, E5312752)
 - Item 732 Cartridge from 1900 block of S. Orange Ave. (Item E6) (1B503, E5312753)
 - Item 733 Cartridge case from 1900 block of S. Orange Ave. (Item E7) (1B504, E5312754)
 - Item 734 Cartridge case from 1900 block of S. Orange Ave. (Item E8) (1B505, E5312755)
 - Item 735 Cartridge case from 1900 block of S. Orange Ave. (Item E13) (1B506, E5312756)
 - Item 736 Metal fragment from 1900 block of S. Orange Ave. (Item E14) (1B507, E5312757)
 - Item 737 Bullet from 1900 block of S. Orange Ave. (Item E15) (1B508, E5312758)
 - Item 738 Cartridge from 1900 block of S. Orange Ave. (Item E11) (1B509, E5312759)
 - Item 739 Cartridge from 1900 block of S. Orange Ave. (Item E11) (1B509, E5312759)
 - Item 740 Cartridge case from 1900 block of S. Orange Ave. (Item E12) (1B510, E5312760)
 - Item 741 Cartridge case from 1900 block of S. Orange Ave. (Item E12) (1B510, E5312760)
 - Item 742 Cartridge case from 1900 block of S. Orange Ave. (Item E12) (1B510, E5312760)
 - Item 743 Metal fragment from 1900 block of S. Orange Ave. (Item E17) (1B511, E5312761)
 - Item 744 Metal fragment from 1900 block of S. Orange Ave. (Item F2) (1B513, E5312764)
 - Item 745 Cartridge case from 1900 block of S. Orange Ave. (Item F1) (1B512, E5312763)
 - Item 746 Metal fragment from 1900 block of S. Orange Ave. (Item F3) (1B514, E5312765)
 - Item 747 Metal fragment from 1900 block of S. Orange Ave. (Item F4) (1B516, E5312766)
 - Item 748 Metal fragment from 1900 block of S. Orange Ave. (Item F5) (1B517, E5312767)
 - Item 749 Metal fragment from 1900 block of S. Orange Ave. (Item F6) (1B518, E5312768)

UNCLASSIFIED

- Item 750 Cartridge case from 1900 block of S. Orange Ave. (Item J85) (1B542, E5312792)
- Item 751 Cartridge case from 1900 block of S. Orange Ave. (Item J86) (1B543, E5312793)
- Item 752 Cartridge case from 1900 block of S. Orange Ave. (Item J87) (1B544, E5312794)
- Item 753 Cartridge case from 1900 block of S. Orange Ave. (Item J93) (1B545, E5312795)
- Item 754 Cartridge case from 1900 block of S. Orange Ave. (Item J95) (1B546, E5312796)
- Item 755 Cartridge case from 1900 block of S. Orange Ave. (Item J95) (1B546, E5312796)
- Item 756 Cartridge case from 1900 block of S. Orange Ave. (Item J95) (1B546, E5312796)
- Item 757 Cartridge case from 1900 block of S. Orange Ave. (Item J95) (1B546, E5312796)
- Item 758 Cartridge case from 1900 block of S. Orange Ave. (Item J95) (1B546, E5312796)
- Item 759 Cartridge case from 1900 block of S. Orange Ave. (Item J95) (1B546, E5312796)
- Item 760 Cartridge case from 1900 block of S. Orange Ave. (Item J103) (1B547, E5312797)
- Item 761 Cartridge case from 1900 block of S. Orange Ave. (Item J104) (1B548, E5312798)
- Item 762 Cartridge case from 1900 block of S. Orange Ave. (Item J105) (1B549, E5312799)
- Item 763 Cartridge case from 1900 block of S. Orange Ave. (Item J81) (1B570, E5312820)
- Item 764 Cartridge case from 1900 block of S. Orange Ave. (Item J82) (1B571, E5312821)
- Item 765 Cartridge case from 1900 block of S. Orange Ave. (Item J88) (1B572, E5312822)
- Item 766 Cartridge from 1900 block of S. Orange Ave. (Item J89) (1B573, E5312823)
- Item 767 Cartridge case from 1900 block of S. Orange Ave. (Item J90) (1B574, E5312824)
- Item 768 Cartridge case from 1900 block of S. Orange Ave. (Item J96) (1B575,

UNCLASSIFIED

- E5312825)
- Item 769 Cartridge case from 1900 block of S. Orange Ave. (Item J96) (1B575, E5312825)
 - Item 770 Cartridge case from 1900 block of S. Orange Ave. (Item J96) (1B575, E5312825)
 - Item 771 Cartridge case from 1900 block of S. Orange Ave. (Item J97) (1B576, E5312826)
 - Item 772 Cartridge case from 1900 block of S. Orange Ave. (Item J97) (1B576, E5312826)
 - Item 773 Cartridge case from 1900 block of S. Orange Ave. (Item #J101) (1B577, E5312827)
 - Item 774 Cartridge case from 1900 block of S. Orange Ave. (Item J102) (1B578, E5312828)
 - Item 775 Bullet from 1900 block of S. Orange Ave. (Item J83) (1B612, E5312862)
 - Item 776 Cartridge case from 1900 block of S. Orange Ave. (Item J91) (1B614, E5312864)
 - Item 777 Cartridge case from 1900 block of S. Orange Ave. (Item J92) (1B615, E5312865)
 - Item 778 Cartridge case from 1900 block of S. Orange Ave. (Item J94) (1B616, E5312866)
 - Item 779 Cartridge case from 1900 block of S. Orange Ave. (Item J106) (1B617, E5312867)
 - Item 780 Cartridge from 1900 block of S. Orange Ave. (Item J107) (1B618, E5312868)
 - Item 781 Cartridge case from 1900 block of S. Orange Ave. (Item J109) (1B620, E5312870)
 - Item 782 Cartridge case from 1900 block of S. Orange Ave. (Item J98) (1B645, E5312895)
 - Item 783 Cartridge case from 1900 block of S. Orange Ave. (Item J98) (1B645, E5312895)
 - Item 784 Cartridge case from 1900 block of S. Orange Ave. (Item J98) (1B645, E5312895)
 - Item 785 Cartridge case from 1900 block of S. Orange Ave. (Item J98) (1B645, E5312895)
 - Item 786 Cartridge case from 1900 block of S. Orange Ave. (Item J98) (1B645, E5312895)

UNCLASSIFIED

- Item 787 Cartridge case from 1900 block of S. Orange Ave. (Item J99) (1B646, E5312896)
- Item 788 Cartridge case from 1900 block of S. Orange Ave. (Item J100) (1B647, E5312897)
- Item 789 Cartridge case from 1900 block of S. Orange Ave. (Item J110) (1B648, E5312898)
- Item 790 Cartridge case from 1900 block of S. Orange Ave. (Item J110) (1B648, E5312898)
- Item 791 Cartridge case from 1900 block of S. Orange Ave. (Item J110) (1B648, E5312898)
- Item 792 Cartridge case from 1900 block of S. Orange Ave. (Item J110) (1B648, E5312898)
- Item 794 Cartridge case from 1900 block of S. Orange Ave. (Item J112) (1B521, E5312771)
- Item 795 Helmet mount from 1900 block of S. Orange Ave. (Item J132) (1B522, E5312772)
- Item 796 Cartridge case from 1900 block of S. Orange Ave. (Item J113) (1B579, E5312829)
- Item 797 Cartridge case from 1900 block of S. Orange Ave. (Item J117) (1B580, E5312830)
- Item 798 Cartridge case from 1900 block of S. Orange Ave. (Item J117) (1B580, E5312830)
- Item 799 Cartridge case from 1900 block of S. Orange Ave. (Item J118) (1B581, E5312831)
- Item 800 Cartridge case from 1900 block of S. Orange Ave. (Item J127) (1B582, E5312832)
- Item 801 Cartridge case from 1900 block of S. Orange Ave. (Item J128) (1B583, E5312833)
- Item 802 Cartridge case from 1900 block of S. Orange Ave. (Item J129) (1B584, E5312834)
- Item 803 Cartridge case from 1900 block of S. Orange Ave. (Item J130) (1B585, E5312835)
- Item 804 Cartridge case from 1900 block of S. Orange Ave. (Item J130) (1B585, E5312835)
- Item 805 Metal fragment from 1900 block of S. Orange Ave. (Item J133) (1B586, E5312836)

UNCLASSIFIED

- Item 806 Pin from 1900 block of S. Orange Ave. (Item J136) (1B587, E5312837)
- Item 807 Metal fragment from 1900 block of S. Orange Ave. (Item J137) (1B588, E5312838)
- Item 808 Metal fragment from 1900 block of S. Orange Ave. (Item J139) (1B589, E5312839)
- Item 809 Cartridge case from 1900 block of S. Orange Ave. (Item J114) (1B621, E5312871)
- Item 810 Cartridge case from 1900 block of S. Orange Ave. (Item J115) (1B622, E5312872)
- Item 811 Cartridge case from 1900 block of S. Orange Ave. (Item J116) (1B623, E5312873)
- Item 812 Cartridge case from 1900 block of S. Orange Ave. (Item J120) (1B624, E5312874)
- Item 813 Cartridge case from 1900 block of S. Orange Ave. (Item J122) (1B625, E5312875)
- Item 814 Cartridge case from 1900 block of S. Orange Ave. (Item J123) (1B626, E5312876)
- Item 815 Cartridge case from 1900 block of S. Orange Ave. (Item J131) (1B627, E5312877)
- Item 816 Cartridge case from 1900 block of S. Orange Ave. (Item J131) (1B627, E5312877)
- Item 817 Cartridge case from 1900 block of S. Orange Ave. (Item J131) (1B627, E5312877)
- Item 818 Cartridge case from 1900 block of S. Orange Ave. (Item J131) (1B627, E5312877)
- Item 819 Cartridge case from 1900 block of S. Orange Ave. (Item J131) (1B627, E5312877)
- Item 820 Cartridge case from 1900 block of S. Orange Ave. (Item J138) (1B629, E5312879)
- Item 821 Cartridge case from 1900 block of S. Orange Ave. (Item J11) (1B649, E5312899)
- Item 822 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650, E5312900)
- Item 823 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650, E5312900)
- Item 824 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650,

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- E5312900)
- Item 825 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650, E5312900)
- Item 826 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650, E5312900)
- Item 827 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650, E5312900)
- Item 828 Cartridge case from 1900 block of S. Orange Ave. (Item J119) (1B650, E5312900)
- Item 829 Cartridge case from 1900 block of S. Orange Ave. (Item J124) (1B651, E5312901)
- Item 830 Cartridge case from 1900 block of S. Orange Ave. (Item J125) (1B652, E5312902)
- Item 831 Cartridge case from 1900 block of S. Orange Ave. (Item J126) (1B653, E5312903)
- Item 832 Metal fragment from 1900 block of S. Orange Ave. (Item J141) (1B658, E5312908)
- Item 833 Flash bang canister from 1900 block of S. Orange Ave. (Item J142) (1B659, E5312909)
- Item 834 Cartridge case from 1900 block of S. Orange Ave. (Item J143) (1B660, E5312910)
- Item 835 Metal fragment from 1900 block of S. Orange Ave. (Item J144) (1B661, E5312911)
- Item 836 Cartridge case from 1900 block of S. Orange Ave. (Item J145) (1B662, E5312912)
- Item 837 Cartridge case from 1900 block of S. Orange Ave. (Item J149) (1B663, E5312913)
- Item 838 Cartridge case from 1900 block of S. Orange Ave. (Item J150) (1B664, E5312914)
- Item 839 Cartridge case from 1900 block of S. Orange Ave. (Item J150) (1B664, E5312914)
- Item 840 Cartridge case from 1900 block of S. Orange Ave. (Item J150) (1B664, E5312914)
- Item 841 Bullet from [REDACTED] (1B785, E5721749)
- Item 842 Bullet from [REDACTED] (1B785, E5721749)

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- Item 843 FTU Secondary Evidence (16 bullets, 22 cartridge cases, 2 BTK test sheets)
- Item 844 One metal fragment (1B871, E5363553)
- Item 845 One metal fragment (1B871, E5363553)
- Item 846 Debris (1B871, E5363553)
- Item 847 Debris (1B871, E5363553)
- Item 848 Bullet recovered from [REDACTED] (1B151, E5312612)
- Item 849 Metal fragments recovered from [REDACTED] (1B153, E5312614)
- Item 850 Metal fragment recovered from [REDACTED] (1B152, E5312613)
- Item 851 Bullet recovered from Oscar Aracena Montero (1B161, E5294831)
- Item 852 Bullet recovered from Oscar Aracena Montero (1B161, E5294831)
- Item 853 Metal fragment recovered from Oscar Aracena Montero (1B161, E5294831)
- Item 854 Metal fragments recovered from Oscar Aracena Montero (1B161, E5294831)
- Item 857 Cartridge case recovered from Simon Carillo Fernandez (1B164, E5294834)
- Item 858 Bullet recovered from Amanda Alvear (1B165, E5294835)
- Item 859 Bullet recovered from Amanda Alvear (1B165, E5294835)
- Item 860 Metal fragment recovered from Amanda Alvear (1B165, E5294835)
- Item 861 Metal fragments recovered from Amanda Alvear (1B165, E5294835)
- Item 863 Metal fragments recovered from Akyra Murray (1B166, E5294836)
- Item 865 Bullet recovered from Deonka Drayton's body bag (1B167, E5294837)
- Item 867 Bullet recovered from Juan Chavez-Martinez (1B169, E5294839)
- Item 870 Bullet recovered from Jean Nieves Rodriguez (1B170, E5294840)
- Item 871 Bullet recovered from Jean Nieves Rodriguez (1B170, E5294840)
- Item 874 Metal fragment recovered from Jerald Wright (1B173, E5294843)
- Item 875 Bullet recovered from Jerald Wright (1B173, E5294843)
- Item 876 Bullet recovered from Jerald Wright (1B173, E5294843)
- Item 877 Metal fragments recovered from Jerald Wright (1B173, E5294843)
- Item 880 Metal fragment recovered from Leroy Valentin Fernandez (1B175, E5294845)
- Item 881 Bullet recovered from Leroy Valentin Fernandez (1B175, E5294845)
- Item 882 Bullet recovered from Leroy Valentin Fernandez (1B175, E5294845)
- Item 885 Metal fragment recovered from Chrstopher Leinonen (1B176, E5294846)

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Item 886 Metal fragments recovered from Christopher Leinonen (1B176, E5294846)
Item 887 Bullet recovered from Christopher Leinonen (1B176, E5294846)
Item 888 Bullet recovered from Christopher Leinonen (1B176, E5294846)
Item 889 Bullet recovered from Christopher Leinonen (1B176, E5294846)
Item 890 Bullet recovered from Christopher Leinonen (1B176, E5294846)
Item 892 Metal fragment recovered from Christopher Sanfeliz (1B177, E5294847)
Item 893 Metal fragment recovered from Christopher Sanfeliz (1B177, E5294847)
Item 894 Bullet recovered from Christopher Sanfeliz (1B177, E5294847)
Item 897 Metal fragments recovered from Joel Rayon Paniagua (1B178, E5294848)
Item 898 Bullet recovered from Joel Rayon Paniagua (1B178, E5294848)
Item 901 Metal fragment recovered from Franky DeJesus Velazquez (1B179, E5294849)
Item 904 Bullet recovered from Paul Henry (1B180, E5294850)
Item 905 Bullet recovered from Paul Henry (1B180, E5294850)
Item 906 Bullet recovered from Paul Henry (1B180, E5294850)
Item 907 Bullet recovered from Paul Henry (1B180, E5294850)
Item 910 Metal fragments recovered from Luis Conde (1B181, E5294851)
Item 912 Metal fragment recovered from Xavier Serrano Rosado (1B182, E5294852)
Item 913 Bullet recovered from Xavier Serrano Rosado (1B182, E5294852)
Item 916 Metal fragment recovered from Shane Tomlinson (1B183, E5294853)
Item 917 Metal fragments recovered from Shane Tomlinson (1B183, E5294853)
Item 920 Bullet recovered from Enrique Rios (1B186, E5722675)
Item 921 Metal fragments recovered from Enrique Rios (1B186, E5722675)
Item 925 Metal fragments recovered from Eric Ortiz Rivera (1B187, E5722676)
Item 929 Metal fragment recovered from Juan Guerrero (1B189, E5722678)
Item 930 Bullet recovered from Juan Guerrero (1B189, E5722678)
Item 934 Bullet recovered from Eddie Justice (1B190, E5722679)
Item 937 Metal fragment recovered from Anthony Laureano Disla (1B191, E5722680)
Item 938 Metal fragments recovered from Anthony Laureano Disla (1B191, E5722680)
Item 939 Metal fragments recovered from Anthony Laureano Disla (1B191, E5722680)
Item 940 Bullet recovered from Anthony Laureano Disla (1B191, E5722680)

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- Item 940-1 Metal fragment recovered from Anthony Laureano Disla (1B191, E5722680)
- Item 944 Bullet recovered from Brenda McCool (1B192, E5722681)
- Item 945 Bullet recovered from Brenda McCool (1B192, E5722681)
- Item 946 Bullet recovered from Brenda McCool (1B192, E5722681)
- Item 947 Bullet recovered from Brenda McCool (1B192, E5722681)
- Item 947-1 Bullet and metal fragments recovered from Brenda McCool (1B192, E5722681)
- Item 948 Metal fragment recovered from Brenda McCool (1B192, E5722681)
- Item 949 Metal fragments recovered from Brenda McCool (1B192, E5722681)
- Item 950 Metal fragments recovered from Brenda McCool (1B192, E5722681)
- Item 953 Metal fragment recovered from Mercedes Flores (1B193, E5722682)
- Item 954 Metal fragments recovered from Mercedes Flores (1B193, E5722682)
- Item 956 Bullet recovered from Jonathan Camuy Vega (1B195, E5722684)
- Item 957 Bullet recovered from Jonathan Camuy Vega (1B195, E5722684)
- Item 958 Metal fragment recovered from Jonathan Camuy Vega (1B195, E5722684)
- Item 959 Metal fragment recovered from Jonathan Camuy Vega (1B195, E5722684)
- Item 962 Bullet recovered from Gilberto Silva Mendez (1B196, E5722685)
- Item 963 Metal fragment recovered from Gilberto Silva Mendez (1B196, E5722685)
- Item 965 Bullet recovered from Miguel Honorato (1B197, E5722686)
- Item 966 Metal fragments recovered from Miguel Honorato (1B197, E5722686)
- Item 968 Metal fragment recovered from Javier Reyes (1B198, E5722687)
- Item 969 Metal fragment recovered from Javier Reyes (1B198, E5722687)
- Item 970 Metal fragments recovered from Javier Reyes (1B198, E5722687)
- Item 971 Metal fragments recovered from Javier Reyes (1B198, E5722687)
- Item 973 Bullet recovered from Luis Vielma (1B199, E5722688)
- Item 974 Metal fragment recovered from Luis Vielma (1B199, E5722688)
- Item 978 Metal fragments recovered from Peter Gonzalez Cruz (1B200, E5722689)
- Item 979 Metal fragment recovered from Peter Gonzalez Cruz (1B200, E5722689)
- Item 983 Metal fragments recovered from Jason Josaphat (1B201, E5722690)
- Item 986 Bullet recovered from [REDACTED] (1B783, E5721747)
- Item 987 Metal fragments recovered from Luis Vielmas (1B784, E5721748)

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This report amends Laboratory Report 2016-01724-4 dated March 27, 2018 and details are summarized in the Remarks section of this report. The results of the firearms examinations and national database searches are included in this report.

Results of Examinations:

Ammunition/Magazines:

Items 12, 13, 15 and 17 are Glock magazines. The Item 17 magazine contained a 9mm Luger (9x19mm) cartridge loaded with a brass full metal jacketed (FMJ) bullet and bears the headstamp of Fiocchi ammunition. Items 59, 79, 139, 385, 388, 391 and 394 consists of one hundred eighty-four (184) 9mm Luger cartridges loaded with brass FMJ bullets and bear the headstamp of Fiocchi ammunition. The Items 17, 59, 79, 139, 385, 388, 391 and 394 cartridges are physically consistent with functional ammunition. Two of the Item 388 cartridges were consumed during testing.

Items 300 through 302 consists of three (3) revolver speed loaders each contained six (6) .38 Special caliber cartridges loaded with brass jacketed FMJ bullets and bear the headstamp of Sellier & Bellot ammunition. The Items 300 through 302 cartridges are physically consistent with functional ammunition. Items 305, 307, 310 and 312 consist of one hundred ninety-four (194) .38 Special caliber cartridges that are loaded with copper jacketed FMJ bullets and bear the headstamps of Winchester and Speer ammunition. The Items 305, 307, 310 and 312 cartridges are physically consistent with functional ammunition.

Items 6, 7, 8, and 16 are MAGPUL magazines containing seventy (70) 5.56x45mm/.223 caliber cartridges that are loaded with copper FMJ bullets and bear the headstamp of Prvi Partizan (PPU) ammunition. The Items 6, 7, 8, and 16 cartridges are physically consistent with functional ammunition. Items 5, 9, 11, and 14 are MAGPUL magazines. The Items 5 through 9, 11, 14 and 16 magazines are designed to operate in AR15/M16 type or variant firearms chambered for 5.56x45mm with each having a thirty (30) cartridge capacity.

Items 95, 98, 100, 108 through 112, 115, 129, 137, 140 through 142, 175 through 181, 221, 316, 318, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 363, 365, 367, 369, 371, 373, 375, 377, 379 and 381 consists of six hundred sixty-two (662) 5.56x45mm cartridges that are loaded with copper FMJ bullets and bear the headstamp of PPU ammunition, and are physically consistent with functional ammunition.

Item 18 is a Heckler & Koch (H&K) magazine that contained ten (10) .45 Auto caliber cartridges that are loaded with copper jacketed hollow point bullets and bear the headstamp of Winchester ammunition. The Item 18 magazine is designed to operate in H&K UMP type submachine guns chambered for .45 Auto caliber with a twenty-seven (27) cartridge capacity. The cartridges contained in Item 18 are physically consistent with functional ammunition.

Item 19 is a Bushmaster Firearms International (B.F.I) magazine that contained eight (8) 5.56x45mm/.223 Remington caliber cartridges that are loaded with copper jacketed soft point

bullets and bear the headstamps of Federal and Winchester ammunition. Item 20 is an OKAY magazine that contained six (6) 5.56x45mm/.223 Remington caliber cartridges that are loaded with copper jacketed soft point bullets and bear the headstamps of Federal and Winchester ammunition. Item 21 is a B.F.I magazine that contained two (2) 5.56x45mm/.223 Remington caliber cartridges that are loaded with copper jacketed soft point bullets and bear the headstamp of Federal ammunition. The cartridges contained in Items 19 through 21 are physically consistent with functional ammunition.

Items 10 and 22 are OKAY and B.F.I brand magazines, respectively. The Items 10 and 19 through 22 magazines are designed to operate in AR15/M16 type or variant firearms chambered for 5.56x45mm/.223 Remington caliber with each having a thirty (30) cartridge capacity.

Items 540, 578 694, 729, 738, 739 and 780 consists of seven (7) 5.56x45mm/.223 Remington caliber cartridges that are loaded with copper jacketed soft point bullets and bear the headstamps of Federal and Winchester ammunition, and are physically consistent with functional ammunition.

Firearms

Item 1 is a 9mm Luger (9x19mm) Glock pistol, Model 17, which functioned normally when tested in the Laboratory with the Item 1-1 magazine.

Item 2 is a .38 Special caliber Smith & Wesson revolver, Model 64-8, which functioned normally when tested in the Laboratory.

Item 3 is a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIG MCX, which functioned normally when tested in the Laboratory. A presumptive chemical test for the presence of lead and copper was performed on an impact located on the forearm/heat-shield of the Item 3 rifle. The test was positive for both lead and copper.

A query of the National Crime Information Center (NCIC) database was performed on the Items 1 through 3 firearms and no records were found at this time. An image of a test-fired specimen from the Items 1 through 3 firearms was entered into the National Integrated Ballistic Information Network (NIBIN) at the FBI Laboratory in Quantico, Virginia, and searched against the region that includes Florida. No associations were found at this time. Additionally, if future NIBIN searches are requested for this evidence, the NIBIN server containing the FBI Laboratory will need to be selected as part of the search.

Submitted Florida Department of Law Enforcement (FDLE) test-fires:

Items 677 through 689 were submitted as test-fired samples and were reported as having been fired from the following firearms.

Rifles:

Item 677 consists of six (6) bullets and six (6) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIGM400, Serial number 20J008377. Item 678 consists of six (6) bullets and six (6) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIGM400, Serial number 20J008384. Item 679 consists of six (6) bullets, a lead fragment, and seven (7) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIGM400, Serial number 20J008378. Item 680 consists of six (6) bullets, a jacket fragment, and seven (7) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIGM400, Serial number 20J008379. Item 683 consists of six (6) bullets and six (6) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIGM400, Serial number 20J009054. Item 685 consists of six (6) bullets and seven (7) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber SIG Sauer rifle, Model SIGM400, Serial number 20J008383. Item 686 consists of six (6) bullets and six (6) cartridge cases test-fired from a 5.56x45mm/.223 Remington caliber Knights Armament rifle, Model SR-16 Stoner, Serial number KA80004.

Pistols:

Item 676 consists of six (6) bullets and six (6) cartridge cases test-fired from a .357 SIG caliber SIG Sauer pistol, Model P226, Serial number U730227. Item 681 consists of five (5) bullets, six (6) cartridge cases, a lead fragment, and jacket fragment test-fired from a 9mm Luger (9x19mm) SIG Sauer pistol, Model P226, Serial number UU625951. Item 682 consists of six (6) bullets and six (6) cartridge cases test-fired from a .357 SIG caliber SIG Sauer pistol, Model P226, Serial number UU706099. Item 687 consists of six (6) bullets and six (6) cartridge cases test-fired from a .45 Auto caliber Glock pistol, Model 21, Serial number KVR160.

Submachine guns:

Item 684 consists of six (6) bullets and six (6) cartridge cases test-fired from a .45 Auto caliber H&K submachine gun, Model UMP, Serial number 163-001773. Item 688 consists of six (6) bullets and six (6) cartridge cases test-fired from a .45 Auto caliber H&K submachine gun, Model UMP, Serial number 163-002969. Item 689 consists of five (5) bullets, six (6) cartridge cases, a jacket fragment, and a lead fragment test-fired from a .45 Auto caliber H&K submachine gun, Model UMP, Serial number 163-003328.

Bullets/fragments:*.38 caliber/9mm comparison:*

Items 841, 842, 858, 859, 904 through 907, 934, 956, 957 and 965 are .38 caliber/9mm brass FMJ bullets that were fired from a barrel(s) rifled with six polygonal grooves, right twist. Item 974 is a brass jacketed bullet fragment that was fired from a barrel rifled with polygonal grooves, right twist. Due to a lack of sufficient corresponding microscopic marks of value, no

conclusion could be reached as to whether the Items 841, 842, 858, 859, 904 through 907, 934, 956, 957 and 965 bullets and 974 fragment were fired from the same barrel(s) or the barrel of the Item 1 pistol. A check of the FBI Laboratory's General Rifling Characteristics (GRC) database produced a list of firearms with GRCs like those present on the Items 841, 842, 858, 859, 904 through 907, 934, 956, 957, 965 and 974 bullets/fragment that includes pistols marketed by Glock, H&K, Israeli Military Industries (IMI) and Kahr. The weight and design characteristics of the Items 841, 842, 858, 859, 904 through 907, 934, 956, 957 and 965 bullets are consistent with bullets loaded in the Items 17, 59, 79, 139, 385, 388, 391 and 394 cartridges. The Item 841, 842, 858, 859, 904 through 907, 934, 956, 957, and 965 bullets were excluded as having been fired from the barrels of the Item 2, 3, and 676 through 689 firearms based upon discernable differences in class characteristics.

Items 849, 937, 940-1, 953, 959, 974 and 983 contain brass jacketed bullet fragments that were fired from a barrel rifled with polygonal grooves. The Items 849, 937, 940-1, 953, 959, 974 and 983 contained no marks of value for comparison purposes and were excluded as having been fired from the barrels of the Items 2, 3, 676 through 683, 685 and 686 firearms based upon differences in class characteristics (conventional v. nonconventional rifling). Due to an absence of completed class characteristics the Items 849, 937, 940-1, 953, 959, 974 and 983 brass fragments could not be excluded as having been fired from the barrels of the Items 1, 684, 687 through 689 firearms. It should be noted that the Items 849, 863, 874, 940-1, 937, 953, 954, 958, 959, 974 and 983 fragments share similar brass jacketing like bullets loaded in the Items 17, 59, 79, 139, 385, 388, 391 and 394 cartridges to include Items 300 through 302, 305, 307, 310, and 312 cartridges.

.223 caliber/5.56mm comparison:

Items 845, 851, 852, 870, 871, 875, 876, 882, 898, 913, 930, 944 through 947-1, 962, 966 and 973 are a .223 caliber/5.56mm copper FMJ bullets and fragments that were fired from a barrel(s) rifled with six grooves, right twist. Due to a lack of sufficient corresponding microscopic marks of value, no conclusion could be reached as to whether the Items 845, 851, 852, 870, 871, 875, 876, 882, 898, 913, 930, 944 through 947-1, 962, 966 and 973 bullets and fragments were fired from the barrels of the Items 3, 677 through 680, 683, 685 and 686 rifles. A check of the FBI Laboratory's GRC database produced a list of firearms with GRCs like those present on the Items 845, 851, 852, 870, 871, 875, 876, 882, 898, 913, 930, 944 through 947-1, 962, 966 and 973 bullets that includes rifles marketed by Bushmaster, Colt, Daewoo, Fabrique Nationale, H&K, IMI and SIG Arms. The weight and/or design characteristics (Copper FMJ) of the Items 845, 851, 852, 870, 871, 875, 876, 882, 898, 913, 930, 944 through 947-1, 962, 966 and 973 bullets are consistent with bullets loaded in the Items 95, 98, 100, 108 through 112, 115, 129, 137, 140 through 142, 175 through 181, 221, 316, 318, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 342, 344, 346, 348, 355, 352, 354, 356, 358, 360, 363, 365, 367, 369, 371, 373, 375, 377, 379 and 381 cartridges. The Items 845, 852, 870, 871, 875, 876, 882, 913, 944 through 947-1, 962, 966 and 973 bullets were eliminated as having been fired from the barrels of the Items 1, 2, 676, 681, 682, 684, 687, 688, and 689 firearms (different calibers and rifling).

Items 848, 850, 867, 880, 881, 887 through 890, 894, 897, 910, 916, 920, 921, 938

through 940, 948, 949 and 970 contained copper jacketed bullets and fragments that were fired from a barrel(s) rifled with six grooves, right twist. The Items 848, 850, 867, 880, 881, 887 through 890, 894, 897, 910, 916, 920, 921, 938 through 940, 948, 949 and 970 contained no marks of value for comparison purposes and were excluded as having been fired from the barrels of the Items 1, 2, 676, 681, 682, 684 and 687 through 689 firearms based upon differences in class characteristics (differing calibers and rifling). Due to an absence of completed class characteristics the Items 848, 850, 867, 880, 881, 887 through 890, 894, 897, 910, 916, 920, 921, 938 through 940, 948, 949 and 970 copper bullets and fragments could not be excluded as having been fired from the barrels of the Items 3, 677 through 680, 683 and 685 rifles. It should be noted that the Items 848, 850, 867, 880, 881, 887 through 890, 894, 897, 910, 916, 920, 921, 938 through 940, 948, 949 and 970 copper bullets and fragments share similar jacketing design characteristics (Copper FMJ) like those loaded in the Items 95, 98, 100, 108 through 112, 115, 129, 137, 140 through 142, 175 through 181, 221, 316, 318, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 342, 344, 346, 348, 355, 352, 354, 356, 358, 360, 363, 365, 367, 369, 371, 373, 375, 377, 379 and 381 cartridges.

Items 854, 886, 912, 917, 925, 968, 969, 971 and 979 contained copper bullet jacket and lead fragments that contain no marks of value for comparison purposes. It should be noted that the Items 854, 886, 912, 917, 925, 968, 969, 971 and 979 contain copper jacketed fragments that share similar jacketing design characteristics to bullets loaded into the Items 95, 98, 100, 108 through 112, 115, 129, 137, 140 through 142, 175 through 181, 221, 316, 318, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 342, 344, 346, 348, 355, 352, 354, 356, 358, 360, 363, 365, 367, 369, 371, 373, 375, 377, 379 and 381 cartridges.

.45 caliber comparison:

Item 865 is a .45 caliber jacketed hollow point (JHP) bullet that was fired from a barrel rifled with six polygonal grooves, right twist, and was identified as having been fired from the barrel of the Item 689 submachine gun. The design characteristics of the Item 865 bullet are consistent with bullets sold under the tradename of Speer Gold Dot. The Item 865 bullets appears to have impacted a hard surface causing the bullet petals to fold onto and around the base of the bullet.

Metal fragments:

Item 863, 874, 954, 958 and 959 consists of brass and lead fragments bearing no marks of value for comparison purposes.

Items 844, 853, 860, 861, 877, 885, 892, 893, 901, 929, 950, 963, 978, 986 and 987 are copper bullet jacket and lead fragments bearing no marks of value for comparison purposes.

Items 846 and 847 are debris, no further examinations were conducted.

Cartridge cases:

Item 25, 29, 34 through 38, 47, 49, 57, 65, 68, 69, 71, 73, 75, 76, 78, 80, 83 through 85, 88 through 94, 96, 102, 103, 114, 116, 169 through 174, 182 through 184, 186, 204 through 208, 461, 483, 487, 489 through 497, 500 through 505 and 834 are 9mm Luger (9x19mm) cartridge cases that bear the headstamp of Fiocchi, and were identified as having been fired in the Item 1 pistol.

Item 125, 435, 445, 447 through 453, 454 through 458, 460, 462 through 467, 469 through 475, 478 through 482, 484 through 486, 488, 498, 624, 625, 726 through 728, 730, 735 and 857 are 5.56x45mm/.223 Remington caliber cartridge cases that bear the headstamp of Prvi Partizan (PPU) ammunition and were identified as having been fired in the Item 3 rifle.

Item 755, 757, 758, 760, 771, 774, 777 through 779, 809, 812, 813 and 837 are 5.56x45mm/.223 Remington caliber cartridge cases that bear the headstamp of Winchester ammunition and were identified as having been fired in the Item 678 rifle.

Item 516, 526, 527, 535, 537, 538, 546, 547 and 575 are .357 SIG caliber cartridge cases that bear the headstamp of Winchester ammunition and were identified as having been fired in the Item 682 pistol.

Item 515, 520 through 524, 532 through 534, 536, 539, 541, 544, 545, 553 through 560, 567 through 574, 583 through 586, 783, 784, 788, 796, 810 and 838 through 840 are .45 Auto caliber cartridge cases that bear the headstamp of Speer ammunition. Item 800 through 804, 814 through 819 and 829 through 831 are .45 Auto caliber cartridge cases that bear the headstamp of Winchester ammunition.

The Item 515, 520 through 524, 532 through 534, 536, 539, 541, 544 and 545 cartridge case were identified as having been fired in the 687 pistol. The Item 553 through 560, 567 through 574, and 583 through 586 cartridge case were identified as having been fired in the 689 submachine gun. The Item 783, 784, 788, 796, 810 and 838 through 840 cartridge cases were identified as having been fired in the 688 submachine gun. The Item 800 through 804, 815 through 819, and 829 through 831 cartridge cases were identified as having been fired in the 684 submachine gun.

Methods:Association

Association examinations compare the physical and class characteristics of evidence items. An association conclusion is reached if the observable or measurable physical dimensions and design features of two items are in agreement, or are "physically consistent." If these dimensions and features are clearly different, an elimination conclusion is reached. If there is a lack of observable design features or measurable dimensions, the result is inconclusive.

Bullet Examination

Two bullets, either two evidence items or one evidence item and one bullet test fired in the Laboratory, undergo two stages of comparison. First, the bullets are examined to determine and compare their class characteristics. The class characteristics of fired bullets include diameter, number of land and groove impressions, direction of twist, and the widths of the land and groove impressions. If the class characteristics of the two bullets are not clearly different, the examination moves to a second stage using comparative microscopy.

A microscopic comparison examination consists of a search of the striated marks present on two bullets to determine if patterns of similarity exist. At the completion of these comparisons, one of the following three opinions is issued:

1) Exclusion (Elimination)

If two bullets have different class characteristics, an Exclusion opinion is rendered.

Exclusion opinions based on general differences are not required to be verified. However, an exclusion opinion based on a minor difference in a measured class characteristic cannot be reported unless a second qualified firearms/toolmarks Examiner has examined the items in question and reached the same conclusion.

2) Identification

If the following conditions are met during the comparison of microscopic marks, an opinion of Identification is rendered:

a) The degree of similarity is greater than the Examiner has ever observed in previous evaluations of bullets known to have been fired from different barrels.

b) The degree of similarity is equivalent to that normally observed in bullets known to have been fired from the same barrel.

When these conditions are met the likelihood another tool (firearm) could have produced the same mark is so remote as to be considered a practical impossibility. An Identification opinion cannot be reported unless a second qualified firearms/toolmarks Examiner has examined the items in question and reached the same conclusion.

3) Inconclusive (No Conclusion)

If the conditions required for an Exclusion or Identification are not observed, an opinion of Inconclusive is rendered. A failure to meet the conditions for an Exclusion or Identification could be the result of limited microscopic marks of value, a lack of any observed microscopic similarity, or microscopic similarity that is present but too limited to meet the criteria for Identification.

Bullet Testing Kit

Suspected bullet impacts or holes are examined visually and/or microscopically for the presence of physical effects that might have been produced by a bullet. If these conditions are noted, a series of presumptive chemical tests for the presence of lead and copper may be performed. Each of these tests is chemically specific and produces a colored reaction when in the presence of the specific chemical.

Cartridge/Shotshell Case

Two cartridge cases, either two evidence items or one evidence item and one cartridge case test fired in the Laboratory, undergo two stages of comparison. First, the cartridge cases are examined to determine and compare their class characteristics. The class characteristics of fired cartridge cases include caliber, shape of firing pin impression, shape and orientation of breech face marks, and relative locations of extractor and ejector marks. If the class characteristics of the two cartridge cases are not clearly different, the examination moves to a second stage using light and/or virtual comparison microscopy.

A microscopic comparison examination consists of a search of the impressed and striated toolmarks present on two cartridge cases to determine if patterns of similarity exist. At the completion of these examinations, one of the following three opinions is issued:

1) Exclusion (Elimination)

If two cartridge cases have clearly different class characteristics, an Exclusion opinion is rendered.

Exclusion opinions based on general differences are not required to be verified. However, an exclusion opinion based on a minor difference in a measured class characteristic cannot be reported unless a second qualified firearms/toolmarks Examiner has examined the items in question and reached the same conclusion.

2) Identification

If the following conditions are met during the comparison of microscopic marks, an opinion of Identification is rendered:

- a) The degree of similarity is greater than the Examiner has ever observed in previous evaluations of cartridge cases known to have been fired in different firearms.
- b) The degree of similarity is equivalent to that normally observed in cartridge cases known to have been fired in the same firearm.

When these conditions are met the likelihood another tool (firearm) could have produced the same mark is so remote as to be considered a practical impossibility. An Identification opinion

cannot be reported unless a second qualified firearms/toolmarks examiner has examined the items in question and reached the same conclusion.

3) Inconclusive (No Conclusion)

If the conditions required for an Exclusion or Identification are not observed, one of two types of inconclusive results can be reported. An opinion of No Conclusion is rendered if the impressed and/or striated toolmarks present in either or both of the specimens are of poor quality, have limited microscopic marks of value, lack any observed microscopic similarity, or microscopic similarity that is present but too limited to meet the criteria for Identification. An opinion of Nothing Found to Indicate is rendered if the microscopic marks of value on both specimens are of good quality but lack correspondence in the impressed and/or striated marks.

Firearms Function

The make, model, and caliber of a firearm are normally determined by directly observing manufacturer markings on the firearm in question. When these are not present, published materials and firearms in the Laboratory's Reference Firearms Collection may be used to make determinations.

Unless otherwise noted, submitted firearms are test fired:

- 1) in the condition they are received in the Firearms/Toolmarks Unit,
- 2) with ammunition from the Laboratory's Reference Ammunition File,
- 3) in a manner that allows for testing of available modes of fire such as manual safety engaged, manual safety disengaged, single action, double action, semi-automatic, fully automatic, etc.

GRC

The appropriate GRC measurements are entered in the database, which then returns a list of all firearms in the database with compatible GRCs.

NCIC

The serial number from a firearm is queried against the Department of Justice National Crime Information Center (NCIC) stolen gun record database. This database contains records on stolen, lost, and recovered firearms and firearms used in the commission of crimes.

NIBIN

When a NIBIN entry is performed for a submitted firearm, an image of a test-fired cartridge case from that firearm is entered in the NIBIN database. An image of a representative sample of any submitted cartridge cases that have not been associated with a specific firearm are

also entered in the NIBIN system. Entries are searched against the appropriate regional database(s), and correlation results are viewed to determine possible associations.

Reference Ammunition File

The weight and design characteristics of submitted bullets are searched against the RAF database to determine possible manufacturer and trade name information.

Limitations:

Association

Association examinations are used to determine if two items are from a restricted group source and cannot be used to determine whether two items are from a unique source.

Bullet Examination

Firearms/Toolmark Identification is an empirical science that relies on objective measurements and a subjective comparison of microscopic marks of value.

Due to random changes in barrels such as wear, corrosion and lead accumulation, bullets fired from the same barrel are sometimes not identifiable as such. Additionally, some barrel manufacturing methods routinely produce barrels that leave limited microscopic marks of value on fired bullets. Damaged, corroded or fragmented bullets may be of little or no value for comparison purposes.

Bullet Testing Kit

Presumptive chemical tests are not conclusive and are meant to provide additional information regarding the possibility of a bullet impact or passage. The presumptive test does not distinguish whether lead and copper are deposited by a bullet or by another source.

Cartridge/Shotshell Cases

Firearms/Toolmark Identification is an empirical science that relies on objective measurements and a subjective comparison of microscopic marks of value.

Due to possible changes in firearm operating surfaces from wear, corrosion, and ordinary fouling and differences in ammunition design and construction, cartridge cases fired in the same firearm are sometimes not identifiable as such. Additionally, some firearm manufacturing methods routinely produce working surfaces that leave limited microscopic marks of value on fired cartridge cases.

Virtual comparison microscopy (VCM) is restricted to the surface that the three-dimensional toolmark topographical instrument is capable of measuring to produce a digital

reproduction. Additionally, individual characteristics may be present on the evidentiary item(s) and may not be reproduced during a scan. This may be due to interference from lacquer/sealant, environmental damage, debris, or measuring limits for an instrument. Furthermore, physical characteristics that are not measurable, such as the metallic qualities of an item, may not be available for evaluation.

Firearms Function

The results of firearms function examinations describe the operating condition of the firearm as received in the Firearms/Toolmarks Unit.

GRC

The GRC database contains information obtained from firearms at the FBI Laboratory and from voluntary submissions of test-fired specimens from law enforcement agencies around the world. It is not a comprehensive list of all firearms, and contains no information about the numbers of each type of firearm present in the general population. The firearms listed in the report are typically those considered to be more common and are included at the discretion of the examiner authoring the report.

NCIC

The NCIC stolen gun record will only return a record if the serial number queried matches a database entry and the information is available. Additionally, an NCIC search may return a record containing information that does not match the description of the firearm being queried.

NIBIN

Due to a number of variables regarding image capture and data entry, NIBIN searches may not always locate entries that were fired in the same firearm.

Additionally, the algorithm used in NIBIN merely provides a sorting capability for potentially associated toolmarks represented on cartridge cases and provides no statistical confidence in possible matching results.

Reference Ammunition File

The RAF database contains information obtained from ammunition purchased by the FBI Laboratory and is not a comprehensive representation of all types of ammunition present in the general public. Therefore, the results of RAF searches may not include the actual brand and type of ammunition represented by the questioned item.

Remarks:

Per telephonic communication with SA [redacted] on December 8, 2017 the remaining firearms examinations were cancelled on the following items: Items 23, 24, 26 through 28, 30 through 33, 39 through 46, 48, 50 through 56, 58, 60 through 64, 66, 67, 70, 72, 74, 77, 81, 82, 86, 87, 97, 99, 101, 104 through 107, 113, 117 through 124, 126 through 128, 130 through 136, 138, 143 through 168, 185, 187 through 203, 209 through 220, 222 through 240, 303, 304, 306, 308, 309, 311, 313 through 315, 317, 319, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382 through 384, 386, 387, 389, 390, 392, 393, 395 through 434, 436 through 444, 453-1, 468, 476, 477, 499, 506 through 514, 517 through 519, 525, 528 through 531, 542, 543, 548 through 552, 561 through 566, 576, 577, 579 through 582, 587 through 594, 600 through 612, 615 through 623, 626 through 650, 652 through 660, 662 through 675, 690 through 693, 695 through 725, 731 through 734, 736, 737, 740 through 754, 756, 759, 761 through 770, 772, 773, 775, 776, 781, 782, 785 through 787, 789 through 792, 794, 795, 797 through 799, 805 through 808, 811, 814, 820 through 828, 832, 833, 835 and 836.

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Per telephonic communication with the FBI Tampa Field Office on April 4, 2018, the description from the laboratory's evidence check-in notes for Item 865 would be amended in the laboratory report issued by the Firearms/Toolmarks Unit. Additionally, Item 551 was added to the item listing in the laboratory report. Clarification was also provided by the FBI Tampa Field Office Evidence Control Technician pertaining to the 1B and barcode numbers for Items 849 and 850.

For questions about the content of this report, please contact Forensic Examiner [redacted] [redacted] For questions about the status of your submission, including any remaining forensic examinations, please contact [redacted]

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The evidence, which includes secondary evidence, will be returned under separate cover.

This report contains the opinions and interpretations of the issuing examiner(s) and is supported by records retained in the FBI files. The work described in this report was conducted at the Quantico Laboratory.

[redacted]
Firearms/Toolmarks Unit

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