

ACCURACY AND CHRONOGRAPH DATA

| Black Hills 9mm 115-gr. FMJ | CZ USA 75D PCR | Ruger Compact SR9C | Glock G19 | Springfield Armory XDM 3.8 |
|--|---------------------------|-------------------------------|----------------------|---------------------------------------|
| Average Velocity | 1117 fps | 1071 fps | 1143 fps | 1144 fps |
| Standard Deviation | 15 fps | 14 fps | 24 fps | 9 fps |
| Muzzle Energy | 319 ft.-lbs. | 293 ft.-lbs. | 334 ft.-lbs. | 334 ft.-lbs. |
| Average-gr.oup Radius | 0.80 in. | 0.88 in. | 0.85 in. | 0.97 in. |
| Maximum Spread | 1.47 in. | 1.18 in. | 1.30 in. | 1.35 in. |
| Maximum Shot Radius | 3.00 in. | 2.32 in. | 2.64 in. | 2.96 in. |

| Black Hills 9mm 124-gr. FMJ Remanf. | CZ USA 75D PCR | Ruger Compact SR9C | Glock G19 | Springfield Armory XDM 3.8 |
|--|---------------------------|-------------------------------|----------------------|---------------------------------------|
| Average Velocity | 1142 fps | 1097fps | 1151 fps | 1154 fps |
| Standard Deviation | 9 fps | 11 fps | 21 fps | 12 fps |
| Muzzle Energy | 359 ft.-lbs. | 332 ft.-lbs. | 365 ft.-lbs. | 367 ft.-lbs. |
| Average-gr.oup Radius | 0.68 in. | 1.58 in. | 1.27 in. | 0.75 in. |
| Maximum Spread | 1.01 in. | 2.67 in. | 2.08 in. | 1.46 in. |
| Maximum Shot Radius | 2.27 in. | 5.33 in. | 4.35 in. | 3.14 in. |

| American Eagle 9mm 124-gr. FMJ AE9AP | CZ USA 75D PCR | Ruger Compact SR9C | Glock G19 | Springfield Armory XDM 3.8 |
|---|---------------------------|-------------------------------|----------------------|---------------------------------------|
| Average Velocity | 1110 fps | 1073 fps | 1109 fps | 1132 fps |
| Standard Deviation | 12 fps | 14 fps | 9 fps | 11 fps |
| Muzzle Energy | 340 ft.-lbs. | 317 ft.-lbs. | 339 ft.-lbs. | 353 ft.-lbs. |
| Average-gr.oup Radius | 0.82 in. | 1.07 in. | 0.79 in. | 0.82 in. |
| Maximum Spread | 1.37 in. | 1.86 in. | 1.26 in. | 1.24 in. |
| Maximum Shot Radius | 2.94 in. | 3.83 in. | 2.63 in. | 2.71 in. |

| Remington UMC 9mm 115-gr. JHP L9MM1B | CZ USA 75D PCR | Ruger Compact SR9C | Glock G19 | Springfield Armory XDM 3.8 |
|---|---------------------------|-------------------------------|----------------------|---------------------------------------|
| Average Velocity | 1133 fps | 1081 fps | 1129 fps | 1130 fps |
| Standard Deviation | 7 fps | 10 fps | 8 fps | 7 fps |
| Muzzle Energy | 328 ft.-lbs. | 299 ft.-lbs. | 326 ft.-lbs. | 326 ft.-lbs. |
| Average-gr.oup Radius | 0.94 in. | 0.89 in. | 0.72 in. | 0.85 in. |
| Maximum Spread | 1.65 in. | 1.11 in. | 1.31 in. | 1.40 in. |
| Maximum Shot Radius | 3.42 in. | 2.22 in. | 3.20 in. | 2.94 in. |

To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 15 yards. We recorded velocities using an Oehler 35P chronograph, with the sky screens set 10 feet from the muzzle.