

## ACCURACY AND CHRONOGRAPH DATA

| <b>Black Hills 9mm<br/>115-gr. FMJ New Manufacture</b> | <b>Springfield Armory<br/>XDM 9mm Bitone</b> | <b>CZ USA<br/>75 SP-01 Phantom</b> | <b>Glock<br/>G34</b> |
|--|--|------------------------------------|----------------------|
| Average Velocity                                       | 1169 fps                                     | 1155 fps                           | 1180 fps             |
| Standard Deviation                                     | 17 fps                                       | 13 fps                             | 20 fps               |
| Muzzle Energy  | 349 ft.-lbs.                                 | 341 ft.-lbs.                       | 356 ft.-lbs.         |
| Smallest Group   | 2.3 in.                                      | 1.6 in.                            | 1.5 in.              |
| Largest Group  | 3.3 in.                                      | 2.5 in.                            | 3.0 in.              |
| Average Group  | 2.8 in.                                      | 2.1 in.                            | 2.3 in.              |

| <b>Black Hills 9mm<br/>124-gr. Remanufacture</b> | <b>Springfield Armory<br/>XDM 9mm Bitone</b> | <b>CZ USA<br/>75 SP-01 Phantom</b> | <b>Glock<br/>G34</b> |
|--|--|------------------------------------|----------------------|
| Average Velocity                                 | 1179 fps                                     | 1172 fps                           | 1161 fps             |
| Standard Deviation                               | 12 fps                                       | 17 fps                             | 19 fps               |
| Muzzle Energy                                    | 383 ft.-lbs.                                 | 378 ft.-lbs.                       | 371 ft.-lbs.         |
| Smallest Group                                   | 2.1 in.                                      | 1.4 in.                            | 2.1 in.              |
| Largest Group                                    | 2.7 in.                                      | 2.5 in.                            | 3.0 in.              |
| Average Group                                    | 2.4 in.                                      | 2.0 in.                            | 2.6 in.              |

| <b>Speer 9mm<br/>124-gr. GDHP 23618</b> | <b>Springfield Armory<br/>XDM 9mm Bi-tone</b> | <b>CZ USA<br/>75 SP-01 Phantom</b> | <b>Glock<br/>G34</b> |
|---|---|------------------------------------|----------------------|
| Average Velocity                        | 1197 fps                                      | 1161 fps                           | 1216 fps             |
| Standard Deviation                      | 40 fps  | 37 fps                             | 55 fps               |
| Muzzle Energy                           | 395 ft.-lbs.                                  | 371 ft.-lbs.                       | 407 ft.-lbs.         |
| Smallest Group                          | 2.5 in.                                       | 1.3 in.                            | 1.5 in.              |
| Largest Group                           | 2.8 in.                                       | 1.8 in.                            | 2.0 in.              |
| Average Group                           | 2.7 in.                                       | 1.6 in.                            | 1.8 in.              |

*To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 25 yards. We recorded velocities using an Oehler 35P chronograph, with the sky screens set 10 feet from the muzzle.*