

ACCURACY AND CHRONOGRAPH DATA

Black Hills 45 ACP 230-gr JHP

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group
Largest Group
Average Group

Magnum Research Desert Eagle 1911G

814 fps
12 fps
339 ft.-lbs.
2.3 in.
3.0 in.
2.6 in.

Springfield Armory Range Officer

811 fps
5.0 fps
336 ft.-lbs.
0.7 in.
2.3 in.
1.5 in.

Ruger SR1911

816 fps
10 fps
340 ft.-lbs.
0.7 in.
2.2 in.
1.5 in.

Winchester USA 45 ACP 230-gr FMJ

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group
Largest Group
Average Group

Magnum Research Desert Eagle 1911G

829 fps
7.8 fps
352 ft.-lbs.
1.3 in.
2.0 in.
1.6 in.

Springfield Armory Range Officer

814 fps
25 fps
338 ft.-lbs.
1.7 in.
2.4 in.
2.1 in.

Ruger SR1911

819 fps
13 fps
343 ft.-lbs.
2.5 in.
3.1 in.
2.8 in.

45 ACP Handload 230-gr Rim Rock LRN

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group
Largest Group
Average Group

Magnum Research Desert Eagle 1911G

749 fps
8.9 fps
286 ft.-lbs.
1.1 in.
2.2 in.
1.6 in.

Springfield Armory Range Officer

744 fps
12 fps
283 ft.-lbs.
1.0 in.
2.1 in.
1.6 in.

Ruger SR1911

724 fps
8 fps
268 ft.-lbs.
2.9 in.
3.5 in.
3.2 in.

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