

ACCURACY AND CHRONOGRAPH DATA

Winchester USA

230-gr. FMJ

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

STI

Sentinel Premier

795 fps
10 fps
323 ft.-lbs.
0.6 in.
1.1 in.
0.8 in.

Springfield

TRP

787 fps
11 fps
316 ft.-lbs.
0.8 in.
1.2 in.
1.0 in.

Smith & Wesson

MSW1911

783 fps
14 fps
313 ft.-lbs.
1.0 in.
1.4 in.
1.2 in.

Monarch

Brass 230-gr. MC

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

STI

Sentinel Premier

785 fps
18 fps
315 ft.-lbs.
1.0 in.
1.6 in.
1.4 in.

Springfield

TRP

780 fps
14 fps
311 ft.-lbs.
0.9 in.
1.4 in.
1.3 in.

Smith & Wesson

MSW1911

779 fps
19 fps
310 ft.-lbs.
1.0 in.
1.9 in.
1.6 in.

Winchester USA Personal

Protection 230-gr. JHP

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

STI

Sentinel Premier

784 fps
10 fps
315 ft.-lbs.
0.9 in.
1.3 in.
1.1 in.

Springfield

TRP

790 fps
8 fps
311 ft.-lbs.
0.9 in.
1.4 in.
1.3 in.

Smith & Wesson

MSW1911

782 fps
14 fps
310 ft.-lbs.
1.1 in.
1.5 in.
1.3 in.

To collect accuracy data, we fired five-shot groups. To capture velocity data, we used a Chrony Beta chronograph with the first skyscreen set 10 feet from the muzzle.