

ACCURACY AND CHRONOGRAPH DATA

57Center AR57 PDW

Upper 5.7X28mm

Average Velocity
Standard Deviation
Muzzle Energy
Maximum Spread
Maximum Shot Radius
Average Group Radius
Mean Group Size @ 50 yds

FN SS197SR

40-gr V-Max

1950 fps
27 fps
340 ft.-lbs.
2.08 in.
1.14 in.
0.66 in.
0.6 in.

FN SS195LF

27-gr HPLF

2346 fps
33 fps
345 ft.-lbs.
1.78 in.
1.03 in.
0.64 in.
0.7 in.

Stag Arms

Model 2T 223 Rem

Average Velocity
Muzzle Energy
Average Group Size

Federal 223 Rem.

55-gr FMJ BP223BL

3069 fps
1150 ft.-lbs.
1.2 in.

Smith & Wesson

M&P 15-22 22 LR

Average Velocity
Muzzle Energy
Average Group Size

CCI Green Tag 22 LR

40-gr LRN

1034 fps
95 ft.-lbs.
0.9 in.

Olympic Arms

Model K9 9mm Para

Average Velocity
Muzzle Energy
Average Group Size

Federal American Eagle

115-grain FMJ AE9DP

1363 fps
475 ft.-lbs.
1.5 in.

Velocities were recorded at 10 feet from the muzzle. Because the S&W M&P 15-22 and Olympic Arms K9 tests reported only five-shot group sizes fired at 50 yards, we went back to the targets from the original Stag test and remeasured the 50-yard targets to find a smallest 5-shot group and a largest 5-shot group, and then averaged those measurements to produce an average five-shot 50-yard group size for the Stag. We performed the same calculation for the 57Center's average group size to arrive at numbers that could be compared across all four guns.