

ACCURACY & CHRONOGRAPH DATA

Federal American Eagle 9mm 115-gr. FMJ AE9DP	Rock River CARA4	Bushmaster Carbon 15	Olympic Arms K9
Average Velocity	1321 fps	1340 fps	1363 fps
Standard Deviation	14 fps	6 fps	29 fps
Muzzle Energy	446 ft.-lbs.	459 ft.-lbs.	475 ft.-lbs.
Smallest Group	2.1 in.	1.6 in.	1.2 in.
Largest Group	2.7 in.	1.9 in.	1.8 in.
Average Group	2.4 in.	1.8 in.	1.5 in.

Precision Ammu. 9mm 75-gr. Matrix NTF CM9	Rock River CARA4	Bushmaster Carbon 15	Olympic Arms K9
Average Velocity	1905 fps	1910 fps	1913 fps
Standard Deviation	19 fps	36 fps	30 fps
Muzzle Energy	605 ft.-lbs.	608 ft.-lbs.	610 ft.-lbs.
Smallest Group	2.7 in.	1.7 in.	1.8 in.
Largest Group	3.1 in.	2.0 in.	2.6 in.
Average Group	2.9 in.	1.9 in.	2.2 in.

Atlanta A&A 9mm 115-gr. FMJ Match	Rock River CARA4	Bushmaster Carbon 15	Olympic Arms K9
Average Velocity	1401 fps	1381 fps	1461 fps
Standard Deviation	11 fps	28 fps	18 fps
Muzzle Energy	502 ft.-lbs.	487 ft.-lbs.	545 ft.-lbs.
Smallest Group	1.7 in.	1.2 in.	1.4 in.
Largest Group	2.1 in.	1.6 in.	1.7 in.
Average Group	1.9 in.	1.4 in.	1.6 in.

To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 50 yards. We recorded velocities using an Oehler 35P chronograph, with the sky screens set 10 feet from the muzzle.

Notes: Two guns shot the Federal Personal Defense 105-grain Expanding FMJ No. PD9CSP2H rounds successfully. Shooting the Federal rounds, the Rock River developed an average velocity of 1379 fps, shot a smallest group of 0.8 inches, and had an average group size of 1.2 inches. The Oly Arms K9 developed an average velocity of 1410 fps, shot a smallest group of 1.4 inches, and had an average group size of 1.7 inches.

One gun shot the Speer Gold Dot 9mm 124-grain GDHP round successfully. The Rock River developed an average velocity of 1312 fps, shot a smallest group of 1.0 inches, and had an average group size of 1.3 inches.

One gun shot the Black Hills 9mm 115-grain JHP No. 23618 round successfully. The Bushmaster developed an average velocity of 1331 fps, shot a smallest group of 1.5 inches, and had an average group size of 1.8 inches.