

ACCURACY AND CHRONOGRAPH DATA

Black Hills 9mm 115-gr. FMJ New mfg.	Heckler & Koch P30L	Smith & Wesson M&P Pro	Glock G34 Gen 4
Average Velocity	1197 fps	1211 fps	1208 fps
Standard Deviation	5 fps	9 fps	7 fps
Muzzle Energy	366 ft.-lbs.	375 ft.-lbs.	373 ft.-lbs.
Smallest Group	1.7 in.	2.2 in.	1.1 in.
Largest Group	2.5 in.	2.6 in.	2.2 in.
Average Group	2.1 in.	2.4 in.	1.5 in.
Black Hills 9mm 124-gr. JHP New mfg.	Heckler & Koch P30L	Smith & Wesson M&P Pro	Glock G34 Gen 4
Average Velocity	1205 fps	1223 fps	1199 fps
Standard Deviation	23 fps	33 fps	17 fps
Muzzle Energy	400 ft.-lbs.	412 ft.-lbs.	396 ft.-lbs.
Smallest Group	1.5 in.	1.0 in.	1.8 in.
Largest Group	2.2 in.	2.5 in.	2.4 in.
Average Group	2.0 in.	1.7 in.	2.1 in.
Federal American Eagle 9mm 147-gr. FMJ AE9FP	Heckler & Koch P30L	Smith & Wesson M&P Pro	Glock G34 Gen 4
Average Velocity	978 fps	940 fps	974 fps
Standard Deviation	7 fps	12 fps	8 fps
Muzzle Energy	312 ft.-lbs.	289 ft.-lbs.	310 ft.-lbs.
Smallest Group	2.3 in.	2.0 in.	1.7 in.
Largest Group	2.6 in.	2.6 in.	2.6 in.
Average Group	2.5 in.	2.2 in.	2.1 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 first sky screen set 10 feet from the muzzle.