

ACCURACY AND CHRONOGRAPH DATA

FNH USA SS197SR 5.7×28mm 40-gr. Hornady V-Max 10700017	FNH-USA FivesevenN
Average Velocity	1678 fps
Standard Deviation	26 fps
Muzzle Energy	250 ft.-lbs.
Smallest Group	1.7 in.
Largest Group	2.5 in.
Average Group	2.2 in.

Winchester Super-X 22 Win. Mag 40-gr. JHP X22MH	Kel-Tec PMR30
Average Velocity	1339 fps
Standard Deviation	30 fps
Muzzle Energy	159 ft.-lbs.
Smallest Group	3.5 in.
Largest Group	4.5 in.
Average Group	4.1 in.

Winchester Dynapoint 22 Win. Mag 45-gr. JHP USA22M LN	Kel-Tec PMR30
Average Velocity	1160 fps
Standard Deviation	9 fps
Muzzle Energy	134 ft.-lbs.
Smallest Group	1.9 in.
Largest Group	2.5 in.
Average Group	2.2 in.

Remington Magnum Rimfire 22 Win. Mag 40-gr. PSP R22M2	Kel-Tec PMR30
Average Velocity	1234 fps
Standard Deviation	37 fps
Muzzle Energy	135 ft.-lbs.
Smallest Group	1.7 in.
Largest Group	3.5 in.
Average Group	2.7 in.

To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 25 yards. We recorded velocities using a Competitive Edge Dynamics M2 chronograph (Brownells, \$200), with the first screen set 12 feet from the muzzle. Velocities were recorded with an air temperature of 73 degrees, at an elevation of 541 feet with 18% percent humidity. Accuracy is the average group size for five-shot groups, measured center-to-center of the widest-apart bullet holes in each group. To measure the group sizes, we scanned the targets into Photo-Shop CS5, then used the Ruler tool to measure to the thousands of an inch. We rounded the results to the nearest tenth of an inch.