

ACCURACY AND CHRONOGRAPH DATA

Stars & Stripes .223 Rem.	CZ-USA	Ruger	Savage
40-gr. Barnes Varminator HP	527 American	HM77R Hawkeye	Model 25 Classic Sporter
Average Velocity	3237 fps	3119 fps	3212 fps
Standard Deviation	24 fps	177 fps	46 fps
Muzzle Energy	931 ft.-lbs.	864 ft.-lbs.	916 ft.-lbs.
Smallest Group	0.4 in.	1.2 in.	0.6 in.
Largest Group	0.9 in.	1.8 in.	1.0 in.
Average Group	0.5 in.	1.6 in.	0.7 in.
Remington UMC .223 Rem.	CZ-USA	Ruger	Savage Arms
45-gr. JHP L223R7B	527 American	HM77R Hawkeye	Model 25 Classic Sporter
Average Velocity	3189 fps	3198 fps	3212 fps
Standard Deviation	57 fps	12 fps	21 fps
Muzzle Energy	1016 ft.-lbs.	1022 ft.-lbs.	1031 ft.-lbs.
Smallest Group	1.4 in.	1.1 in.	0.9 in.
Largest Group	1.8 in.	1.7 in.	1.8 in.
Average Group	1.5 in.	1.4 in.	1.6 in.
Federal American Eagle .223 Rem.	CZ	Ruger	Savage Arms
50-gr. JHP AEBP223G	527 American	HM77R Hawkeye	Model 25 Classic Sporter
Average Velocity	3099 fps	3116 fps	3035 fps
Standard Deviation	22 fps	65 fps	12 fps
Muzzle Energy	1066 ft.-lbs.	1078 ft.-lbs.	1023 ft.-lbs.
Smallest Group	0.4 in.	1.0 in.	0.2 in.
Largest Group	0.7 in.	1.4 in.	0.6 in.
Average Group	0.5 in.	1.1 in.	0.5 in.

We fired three-shot accuracy groups at 100 yards. To record velocities, we used a Competitive Edge Dynamics CED M2 Chronograph set 15 feet from the muzzle. Elevation: 500 feet above sea level. Air temperature: 77 degrees.