

ACCURACY & CHRONOGRAPH DATA

CCI Standard Velocity	Browning	Ruger	S&W
.22 LR 40-grain Lead	Buck Mark Bullseye	Mark III	Model 41
Roundnose No. 0302	Target Stainless	Competition	
Average Velocity	972 fps	939 fps	969 fps
Standard Deviation	15 fps	17 fps	20 fps
Muzzle Energy	84 ft.-lbs.	78 ft.-lbs.	83 ft.-lbs.
Smallest Group Size	1.6 in.	1.9 in.	1.6 in.
Largest Group Size	2.1 in.	3.4 in.	2.8 in.
Average Group Size	1.8 in.	2.7 in.	2.1 in.
Federal AutoMatch	Browning	Ruger	S&W
.22 LR 40-grain Lead	Buck Mark Bullseye	Mark III	Model 41
Round Nose No. AM22	Target Stainless	Competition	
Average Velocity	1102 fps	1049 fps	1099 fps
Standard Deviation	7 fps	21 fps	13 fps
Muzzle Energy	108 ft.-lbs.	98 ft.-lbs.	107 ft.-lbs.
Smallest Group Size	2.3 in.	1.8 in.	1.4 in.
Largest Group Size	3.6 in.	2.9 in.	3.3 in.
Average Group Size	3 in.	2.4 in	2.1 in.
Remington Eley EPS	Browning	Ruger	S&W
.22 LR 40-grain Lead	Buck Mark Bullseye	Mark III	Model 41
Flat-Nose No. RE22EPS	Target Stainless	Competition	
Average Velocity	1062 fps	1065 fps	1073 fps
Standard Deviation	9 fps	8 fps	12 fps
Muzzle Energy	100 ft.-lbs.	111 ft.-lbs.	106 ft.-lbs.
Smallest Group Size	1.4 in.	1.2 in.	1.4 in.
Largest Group Size	2.1 in.	2.1 in.	2.9 in.
Average Group Size	1.8 in.	1.6 in.	1.9 in.
Remington Golden Bullet	Browning	Ruger	S&W
.22 LR 36-grain	Buck Mark Bullseye	Mark III	Model 41
Brass-Plated HP No. 1622C	Target Stainless	Competition	
Average Velocity	1057 fps	1025 fps	1015 fps
Standard Deviation	29 fps	26 fps	74 fps
Muzzle Energy	89 ft.-lbs.	84 ft.-lbs.	82 ft.-lbs.
Smallest Group Size	1.8 in.	1.1 in.	1.5 in.
Largest Group Size	2.2 in.	4.9 in.	1.8 in.
Average Group Size	2.0 in.	2.9 in.	1.7 in.

To collect accuracy data, we fired five-shot groups from a rest at 15 yards. To capture velocity data, we used a Midway Chrony F1 chronograph with the first skyscreen 5 feet from the muzzle.