

ACCURACY & CHRONOGRAPH DATA

Remington Golden Bullet ,22LR	Ruger	Browning	S&W
36-gr. Brass Plate HP 1622C	KP512MKIII	Buck Mark FLD UDX	22A-1
Average Velocity	1053 fps	1009 fps	1079 fps
Standard Deviation	22 fps	35 fps	14 fps
Muzzle Energy	89 ft.-lbs.	81 ft.-lbs.	93 ft.-lbs.
Smallest Group	0.9 in.	0.8 in.	0.8 in.
Largest Group	1.2 in.	1.3 in.	1.4 in.
Average Group	1.1 in.	1.1 in.	1.1 in.
CCI Green Tag .22 LR	Ruger	Browning	S&W
40-gr. HP 0033	KP512MKIII	Buck Mark FLD UDX	22A-1
Average Velocity	912 fps	928 fps	942 fps
Standard Deviation	17 fps	11 fps	10 fps
Muzzle Energy	74 ft.-lbs.	77 ft.-lbs.	79 ft.-lbs.
Smallest Group	0.65 in.	0.9 in.	0.7 in.
Largest Group	1.3 in.	1.2 in.	1.1 in.
Average Group	1.0 in.	1.1 in.	0.9 in.
Federal American Eagle .22 LR	Ruger	Browning	S&W
40-gr. Solid AE5022	KP512MKIII	Buck Mark FLD UDX	22A-1
Average Velocity	1014 fps	1031 fps	1062 fps
Standard Deviation	34 fps	9 fps	10 fps
Muzzle Energy	91 ft.-lbs.	94 ft.-lbs.	100 ft.-lbs.
Smallest Group	1.0 in.	1.2 in.	1.1 in.
Largest Group	1.7 in.	1.8 in.	1.5 in.
Average Group	1.4 in.	1.5 in.	1.3 in.

To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 25 yards. We recorded velocities using an Oehler 35P chronograph, with the sky screens set 10 feet from the muzzle.