ACCURACY AND CHRONOGRAPH DATA

CCI Green Tag 22LR	Ruger	Legacy	Smith & Wesson
40-gr. LRN 0033	SR-22R	Puma Wildcat	M&P 15-22
Average Velocity	1044 fps	1029 fps	1034 fps
Standard Deviation	14 fps	12 fps	30 fps
Muzzle Energy	97 ftlbs.	94 ftlbs.	95 ftlbs.
Smallest Group 25/50 yds.	0.6 in./0.8 in.	0.5 in./0.7 in.	0.6 in./0.6 in.
Largest Group 25/50 yds.	0.9 in./1.1 in.	1.0 in./1.0 in.	0.9 in./1.1 in.
Average Group 25/50 yds.	0.8 in./1.0 in.	0.8 in./0.9 in.	0.8 in./0.9 in.
Federal Champion 22LR	Ruger	Legacy	Smith & Wesson
Federal Champion 22LR 40-gr. Solid 510	Ruger SR-22R	Legacy Puma Wildcat	Smith & Wesson M&P 15-22
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40-gr. Solid 510	SR-22R	Puma Wildcat	M&P 15-22
40-gr. Solid 510 Average Velocity	SR-22R 1154 fps	Puma Wildcat 1190 fps	M&P 15-22 1175 fps
40-gr. Solid 510 Average Velocity Standard Deviation	SR-22R 1154 fps 15 fps	Puma Wildcat 1190 fps 9 fps	M&P 15-22 1175 fps 7 fps
40-gr. Solid 510 Average Velocity Standard Deviation Muzzle Energy	SR-22R 1154 fps 15 fps 118 ftlbs.	Puma Wildcat 1190 fps 9 fps 126 ftlbs.	M&P 15-22 1175 fps 7 fps 123 ftlbs.
40-gr. Solid 510 Average Velocity Standard Deviation Muzzle Energy Smallest Group 25 yds.	SR-22R 1154 fps 15 fps 118 ftlbs. 0.6 in.	Puma Wildcat 1190 fps 9 fps 126 ftlbs. 1.0 in.	M&P 15-22 1175 fps 7 fps 123 ftlbs. 1.0 in.

Federal 550 Value Pack 22LR	Ruger	Legacy	Smith & Wesson
36-gr. Copper Plate HP	SR-22R	Puma Wildcat	M&P 15-22
Average Velocity	1227 fps	1229 fps	1207 fps
Standard Deviation	29 fps	32 fps	24 fps
Muzzle Energy	120 ftlbs.	121 ftlbs.	116 ftlbs.
Smallest Group 25 yds.	0.8 in.	0.7 in.	0.8 in.
Largest Group 25 yds.	1.2 in.	1.0 in.	1.1 in.
Average Group 25 yds.	1.0 in.	0.8 in.	0.9 in.

To collect accuracy data, we fired five-shot groups from a sandbag. Distance: 25 yards with open sights, 50 yards with riflescope. We recorded velocities using an Oehler 35P chronograph, with the skyscreens set 10 feet from the muzzle.