

ACCURACY AND CHRONOGRAPH DATA

Federal Champion 40-gr. Solid No. 510	Henry Golden Boy H004	Marlin Golden 39A	Browning BL-22 Grade II
Average Velocity	1173 fps	1182 fps	1213 fps
Standard Deviation	18 fps	18 fps	12 fps
Muzzle Energy	122 ft.-lbs.	124 ft.-lbs.	130 ft.-lbs.
Smallest Group	0.9 in.	1.9 in.	1.5 in.
Largest Group	2.5 in.	4.0 in.	2.9 in.
Average Group	1.7 in.	2.5 in.	2.0 in.
Remington Thunderbolt 40-gr. Solid No. TB-22A	Henry Golden Boy H004	Marlin Golden 39A	Browning BL-22 Grade II
Average Velocity	1062 fps	1117 fps	1161 fps
Standard Deviation	34 fps	39 fps	30 fps
Muzzle Energy	100 ft.-lbs.	110 ft.-lbs.	119 ft.-lbs.
Smallest Group	0.7 in.	1.3 in.	1.7 in.
Largest Group	3.9 in.	2.5 in.	2.9 in.
Average Group	2.3 in.	1.7 in.	2.3 in.
Federal Value Pack HP 36-gr. Copper-Pl. No. 750	Henry Golden Boy H004	Marlin Golden 39A	Browning BL-22 Grade II
Average Velocity	1212 fps	1246 fps	1267 fps
Standard Deviation	18 fps	19 fps	8 fps
Muzzle Energy	117 ft.-lbs.	124 ft.-lbs.	128 ft.-lbs.
Smallest Group	1.6 in.	1.1 in.	1.3 in.
Largest Group	2.7 in.	2.3 in.	2.6 in.
Average Group	2.0 in.	1.6 in.	2.0 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 PACT Professional Chronograph XP, with the first screen set 5 yards from the muzzle. We also shot the guns standing at 15 yards, firing 10-shot groups. Marlin was the best with 1.9-inch groups, followed by the Henry at 2.2 inches and Browning at 2.6 inches.

The Marlin shot the best of test groups with two of our ammos, Remington Thunderbolts and Federal's Value Pack copper-plated rounds. Oddly, however, it also shot the worst of test groups with the Federal Champion rounds.

