

ACCURACY AND CHRONOGRAPH DATA

Federal AutoMatch 40-gr. Solid	Ruger 10/22 TD	Marlin 39A	Browning SA-22
Average Velocity	1165 fps	1185 fps	1180
Standard Deviation	15 fps	26 fps	9 fps
Muzzle Energy	120 ft.-lbs.	125 ft.-lbs.	124 ft.-lbs.
Smallest Group	1.9 in.	1.5 in.	1.1 in.
Largest Group	3.5 in.	2.2 in.	4.2 in.
Average Group	2.7 in.	1.8 in.	2.0 in.
Eley Match EPS 40-gr. Solid	Ruger 10/22 TD	Marlin 39A	Browning SA-22
Average Velocity	1065 fps	1060 fps	1050 fps
Standard Deviation	8 fps	7 fps	9 fps
Muzzle Energy	101 ft.-lbs.	100 ft.-lbs.	98 ft.-lbs.
Smallest Group	0.8 in.	0.9 in.	0.8 in.
Largest Group	1.5 in.	1.4 in.	1.3 in.
Average Group	1.2 in.	1.0 in.	1.1 in.
CCI MiniMag 40-gr. Solid	Ruger 10/22 TD	Marlin 39A	Browning SA-22
Average Velocity	1215 fps	1185 fps	1225
Standard Deviation	12 fps	20 fps	10 fps
Muzzle Energy	131 ft.-lbs.	125 ft.-lbs.	133 ft.-lbs.
Smallest Group	1.2 in.	0.8 in.	0.7 in.
Largest Group	1.6 in.	1.3 in.	1.3 in.
Average Group	1.4 in.	1.0 in.	1.0 in.
Winchester Power Point 40-gr. Hollowpoint	Ruger 10/22 TD	Marlin 39A	Browning SA-22
Average Velocity	1245 fps	1240 fps	1260 fps
Standard Deviation	11 fps	15 fps	18 fps
Muzzle Energy	138 ft.-lbs.	136 ft.-lbs.	141 ft.-lbs.
Smallest Group	0.9 in.	0.7 in.	0.6 in.
Largest Group	1.3 in.	1.2 in.	1.5 in.
Average Group	1.0 in.	1.0 in.	1.1 in.

Velocity was recorded using an Oehler 35P chronograph with proof channel, with middle screen 10 feet from the muzzle. Five-shot groups were fired at 50 yards from a machine rest.