

## ACCURACY AND CHRONOGRAPH DATA

<b>American Eagle 308 Win 150-gr. FMJ Boattail</b>	<b>Armalite AR10 A4</b>	<b>Springfield Armory SOCOM II</b>	<b>Hornady 308 Win 168-gr. TAP FFD</b>	<b>Armalite AR10 A4</b>	<b>Springfield Armory SOCOM II</b>
Average Velocity	2612 fps	2697 fps	Average Velocity	2442 fps	2497 fps
Standard Deviation	20 fps	19 fps	Standard Deviation	18 fps	5 fps
Muzzle Energy	2274 ft.-lbs.	2425 ft.-lbs.	Muzzle Energy	2226 ft.-lbs.	2328 ft.-lbs.
Smallest Group	1.7 in.	1.3 in.	Smallest Group	1.4 in.	1.6 in.
Largest Group	2.5 in.	1.9 in.	Largest Group	1.8 in.	1.9 in.
Average Group	2.1 in.	1.6 in.	Average Group	1.6 in.	1.8 in.

<b>Winchester 308 Win 150-gr. Power Point</b>	<b>Armalite AR10 A4</b>	<b>Springfield Armory SOCOM II</b>	<b>Black Hills 308 Win 168-gr. Boattail HP</b>	<b>Armalite AR10 A4</b>	<b>Springfield Armory SOCOM II</b>
Average Velocity	2621 fps	2691 fps	Average Velocity	2483 fps	2575 fps
Standard Deviation	15 fps	7 fps	Standard Deviation	33 fps	42 fps
Muzzle Energy	2290 ft.-lbs.	2414 ft.-lbs.	Muzzle Energy	2302 ft.-lbs.	2475 ft.-lbs.
Smallest Group	2.2 in.	2.4 in.	Smallest Group	2.2 in.	0.9 in.
Largest Group	2.5 in.	2.9 in.	Largest Group	2.5 in.	1.3 in.
Average Group	2.4 in.	2.7 in.	Average Group	2.4 in.	1.1 in.

<b>Black Hills Gold 308 Win 155-gr. Hornady A-Max</b>	<b>Armalite AR10 A4</b>	<b>Springfield Armory SOCOM II</b>	<b>Black Hills 308 Win 175-gr. Boattail HP</b>	<b>Armalite AR10 A4</b>	<b>Springfield Armory SOCOM II</b>
Average Velocity	2555 fps	2612 fps	Average Velocity	2430 fps	2495 fps
Standard Deviation	10 fps	12 fps	Standard Deviation	20 fps	12 fps
Muzzle Energy	2249 ft.-lbs.	2350 ft.-lbs.	Muzzle Energy	2296 ft.-lbs.	2421 ft.-lbs.
Smallest Group	1.7 in.	1.3 in.	Smallest Group	1.8 in.	1.4 in.
Largest Group	2.3 in.	1.9 in.	Largest Group	2.8 in.	1.8 in.
Average Group	2.0 in.	1.6 in.	Average Group	2.3 in.	1.6 in.

*To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 100 yards. We recorded velocities using an Oehler 35P chronograph, with the sky screens set 10 feet from the muzzle.*