

## 9MM LUGER ACCURACY AND CHRONOGRAPH DATA

<b>Winchester USA</b> <b>115-gr. FMJ Q4172</b> Average Velocity Muzzle Energy Average Group	<b>ArmaLite</b> <b>AR-24 Compact</b> 1048 fps 280 ft.-lbs. 2.3 in.	<b>Canik55</b> <b>Stingray-C</b> 1060 fps 287 ft.-lbs. 2.8 in.
<b>Federal American Eagle</b> <b>147-gr. FMJFP AE9FP</b> Average Velocity Muzzle Energy Average Group	<b>ArmaLite</b> <b>AR-24 Compact</b> 878 fps 252 ft.-lbs. 1.9 in.	<b>Canik55</b> <b>Stingray-C</b> 887 fps 257 ft.-lbs. 1.6 in.
<b>Hornady Steel Match</b> <b>125-gr. HAP 90275</b> Average Velocity Muzzle Energy Average Group	<b>ArmaLite</b> <b>AR-24 Compact</b> 1019 fps 288 ft.-lbs. 1.8 in.	<b>Canik55</b> <b>Stingray-C</b> 1020 fps 289 ft.-lbs. 2.2 in.

*To collect bench-accuracy data, we set up at Tactical Firearms in Katy, Texas (TacticalFirearms.us). We fired five-shot groups with each ammunition using the supplied open sights. We used sandbags to support the guns and the shooter's arms. Distance: 15 yards. We recorded velocities using a PACT Professional XP with infrared screens (\$240, Brownells #100-002-499WB) with the first screen set 12 feet from the muzzle. Velocities were recorded with an indoor air temperature of 75 degrees. Accuracy is the average group size for five-shot groups, measured center-to-center of the widest-apart bullet holes in each group. To measure the group sizes, we scanned the targets into PhotoShop CS6, then used the Ruler tool to measure and round the results to the nearest tenth of an inch.*

**Test sample sources:** 9mm Winchester USA 115-Grain FMJ Q4172 (50-round box, CTD #2-WNQ4172BX), Federal American Eagle 147-Grain FMJ Flat Points (50-round box, CTD #9-15402), and Hornady Steel Match 125-Grain HAP Bullet 90275 (50-round box, CTD #2-H90275).