

ACCURACY AND CHRONOGRAPH DATA

	Springfield Armory XDS 45 ACP	Chiappa Rhino 357 Magnum	Kahr CM9 9mm Luger
	Winchester USA45JHP 230-gr. Jacketed HP	Winchester Q4204 110-gr. Jacketed HP	Winchester Q4172 115-gr. Full Metal Jacket
Average Velocity	817 fps	1134 fps	984 fps
Muzzle Energy	341 ft.-lbs.	314 ft.-lbs.	247 ft.-lbs.
Average Group	2.4 in.	2.9 in.	1.5 in.
	Springfield Armory XDS 45 ACP	Chiappa Rhino 357 Magnum	Kahr CM9 9mm Luger
	Hornady Critical Defense 90900 185-gr. FTX	Hornady Critical Defense 90500 125-gr. FTX	Hornady Critical Duty +P 90226 135-gr. FlexLock
Average Velocity	936 fps	1171 fps	1014 fps
Muzzle Energy	360 ft.-lbs.	380 ft.-lbs.	308 ft.-lbs.
Average Group	2.1 in.	3.2 in.	2.1 in.
	Springfield Armory XDS 45 ACP	Chiappa Rhino 357 Magnum	Kahr CM9 9mm Luger
	Fiocchi Ammunition 45A 230-gr. FMJ	Fiocchi Ammunition 357F 142-gr. FMJTC	Fiocchi Ammunition 9AP 115-grain FMJ
Average Velocity	773 fps	1084 fps	1032 fps
Muzzle Energy	305 ft.-lbs.	370 ft.-lbs.	272 ft.-lbs.
Average Group	3.8 in.	3.1 in.	1.9 in.

*To collect bench-accuracy data, we set up at Tactical Firearms in Katy, Texas (TacticalFirearms.us). We fired 5-shot groups with each ammunition using the supplied open sights. We used sandbags to support the guns and the shooter's arms. Distance: 7 yards. We recorded velocities using a CED M2 Chronograph (\$200, Brownells #399-000-012WB) 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 CS5, then used the Ruler tool to measure and round the results to the nearest tenth of an inch. **Ammo sources:** Winchester USA 45 ACP USA45JHP 230-grain Jacketed Hollow Point, \$33.51/50 (**CTD #6-0307924**); Winchester Personal Protection Q4204 357 Magnum 110-grain Jacketed Hollow Point, \$31.49/50 (**Brownells #105-202-330WB**); and Winchester USA Q4172 9mm Luger 115-grain Full Metal Jacket, \$125/500 (**Brownells #105-000-025WB "Ammo Can Bundle"**). Hornady Critical Defense 90900 45 ACP 185-grain Flex Tip Expanding (FTX) \$20.49/20 (**Brownells #105-201-399WB**); Hornady Critical Defense 90500 357 Magnum 125-grain FTX \$19.02/25 (**CTD #2-H90500**); Hornady Critical Duty 90226 9mm Luger +P 135-grain FlexLock \$18.41/25 (**CTD #6-0315681**). Fiocchi Ammunition 45A 45 ACP 230-grain FMJ \$19.99/50 (**MidwayUSA #465319**); Fiocchi Ammunition 357F 357 Magnum 142-grain FMJ Truncated Cone \$19.29/50 (**MidwayUSA #913680**); Fiocchi Ammunition 9AP 9mm Luger 115-grain FMJ \$12.49/50 (**MidwayUSA #739728**). For break-in and function testing of the XD-S, we also shot a case of **On Target 45 ACP 230-grain FMJs**, available at GetOnTargetAmmo.com for \$310.*