

Loading .45 ACP – 230 gr PCRN with Sport Pistol

Setup:

Pistol: Kimber Team Match II – 5" barrel with 1/16 twist

Powder: Sport Pistol

Bullets: SNS Casting - 230 gr – PCRN (poly coated)

COL & Crimp: COL 1.250" – Very light Lee FCD taper crimp

Cases: GECO with large primer

Primers: CCI 300

Date/Conditions: 06/26/20 - 90* F, mostly cloudy



Load Data:

Bullet: 230 GR PCRN - Poly Coated RN **Powder:** Sport Pistol **COL:** 1.250"

Source	Start	Velocity	Max	Velocity	Barrel	Twist	Case	Primer
Sport Pistol (Acme RN coated 1.265")	5.0		5.5	916	5		Fed	F 150
Sport Pistol (Speer LRN, 1.27")	5.0		5.6	918	5		Speer	F 150

Note - Always verify load data for yourself, starting low and working up in safe increments. Published data varies from source-to-source, and subject to typos and transposing errors. Additionally, internet posts such as this are someone's personal experience.

Results: 5 shots each at 7 yds., benchrest with sandbag: (Ref. PPU Factory 230 FMJ – Avg. 809, ES 23, SD 10)

5.2 gr – Avg. 784 fps, ES 53, SD 23 – Group 5/8"

Caliber: .45 ACP Date: 06/26/20 Conditions: Mostly Cloudy, 90 F Distance: 7 yd

Bullet: 230 GR SNS Casting PCRN COL: 1.250" Crimp: Taper

Powder: Sport Pistol Case: GECO LG: _____ Primer: CCI 300

Gun: Kimber Team Match II - 5" barrel

5.2 GR Avg: 784 ES: 53 SD: 23 782, 761, 801, 814, 763



5.0 gr – Avg. 738 fps, ES 82, SD 31 – Group 1"

Caliber: 45 ACP Date: 06/26/20 Conditions: Mostly Cloudy, 90 F Distance: 7 yd
Bullet: 230 GR SNS Casting PCRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: GECO LG: _____ Primer: CCI 300
Gun: Kimber Team Match II - 5" barrel
5.0 GR Avg: 738 ES: 82 SD: 31 745, 780, 698, 749, 720



5.3 gr – Avg. 788 fps, ES 53, SD 18 – Group 7/8"

Caliber: 45 ACP Date: 06/26/20 Conditions: Mostly Cloudy, 90 F Distance: 7 yd
Bullet: 230 GR SNS Casting PCRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: GECO LG: _____ Primer: CCI 300
Gun: Kimber Team Match II - 5" barrel
5.3 GR Avg: 788 ES: 53 SD: 18 788, 786, 787, 817, 764



5.4 gr – Avg. 805 fps, ES 27, SD 10 – Group 3/4"

Caliber: 45 ACP Date: 06/26/20 Conditions: Mostly Cloudy, 90 F Distance: 7 yd
Bullet: 230 GR SNS Casting PCRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: GECO LG: _____ Primer: CCI 300
Gun: Kimber Team Match II - 5" barrel
5.4 GR Avg: 805 ES: 27 SD: 10 788, 807, 809, 809, 815



5.5 gr – Avg. 819 fps, ES 63, SD 23 – Group 7/8"

Caliber: 45 ACP Date: 06/26/20 Conditions: Mostly Cloudy, 90 F Distance: 7 yd
Bullet: 230 GR SNS Casting PCRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: GECO LG: _____ Primer: CCI 300
Gun: Kimber Team Match II - 5" barrel
5.5 GR Avg: 819 ES: 63 SD: 23 848, 812, 785, 827, 824



5.6 gr – Avg. 844 fps, ES 32, SD 13 – Group 1-3/4"

Caliber: 45 ACP Date: 06/26/20 Conditions: Mostly Cloudy, 90 F Distance: 7 yd
Bullet: 230 GR SNS Casting PCRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: GECO LG: _____ Primer: CCI 300
Gun: Kimber Team Match II - 5" barrel
5.6 GR Avg: 844 ES: 32 SD: 13 838, 827, 839, 859, 857



Primers after shooting 5.4 & 5.6 gr loads



DISCLAIMER

The load data contained above was developed using specific components. Other components may not produce equivalent pressure or velocities; therefore, it is recommended that the user be familiar with the basic rules of reloading safety. If you choose to use any load data above, you are using at your own risk.

Always verify load data for yourself, starting low and working up in safe increments. Published data varies from source-to-source, and subject to typos and transposing errors. Additionally, internet posts such as this are someone's personal experience. My recommendation is that you should always consult at least three sources of manufacturer's ammunition and/or powder reloading data before reloading your own ammunition.