Loading .45 ACP – 230 gr XTP with BE-86

Setup:

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

Powder: BE-86

Bullets: Hornady - 230 gr – XTP (P/N 45160)

COL & Crimp: COL 1.230" – Very light Lee FCD taper crimp

Cases: Winchester with large primer

Primers: CCI 300

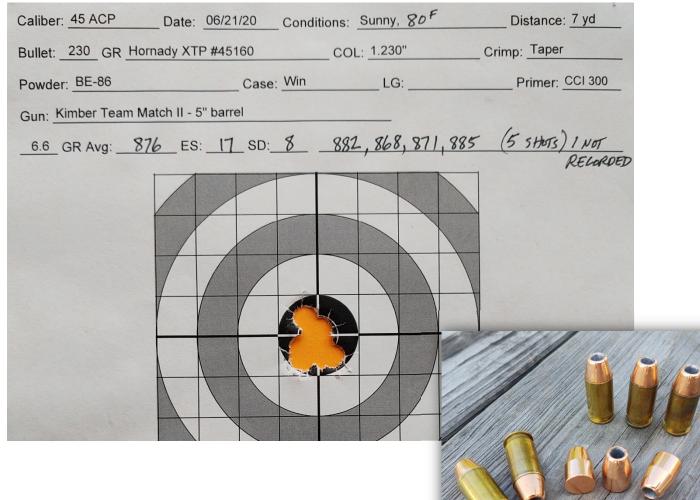Date/Conditions: 06/21/20 - 80* F, sunny

Load Data:

Bullet: 230 GR XTP - Hornady #45160			Powder: BE-86					COL: 1.230"
Source	Start	Velocity	Max	Velocity	Barrel	Twist	Case	Primer
BE-86 (JHP 1.21") - start 10% under max	6.1		6.8	927	5			F 150
BE-86 (FMJ 1.265") - start 10% under max	6.4		7.1	943	5			F 150
Hornady 10th (XTP 1.230")	5.3	700	6.4	850	5	1/16	Horn	WLP

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:

6.6 gr – Avg. 876 fps, ES 17, SD 8 – Group 1/2"   *Note - 5 shots fired, but only recorded 4 shots*

Caliber: 45 ACP   Date: 06/21/20   Conditions: Sunny, 80 F   Distance: 7 yd

Bullet: 230 GR Hornady XTP #45160   COL: 1.230"   Crimp: Taper

Powder: BE-86   Case: Win   LG: Primer: CCI 300

Gun: Kimber Team Match II - 5" barrel

6.6 GR Avg: 876   ES: 17   SD: 8   882, 868, 871, 885 (5 SHOTS) 1 NOT RECORDED

6.0 gr – Avg. 796 fps, ES 11, SD 5 – Group 7/8"

Caliber: 45 ACP   Date: 06/21/20   Conditions: Sunny, 80°F   Distance: 7 yd

Bullet: 230 GR Hornady XTP #45160   COL: 1.230"   Crimp: Taper

Powder: BE-86   Case: Win   LG: ____   Primer: CCI 300

Gun: Kimber Team Match II - 5" barrel

6.0 GR Avg: 796 ES: 11 SD: 5   792, 793, 802, 803, 793

6.2 gr – Avg. 818 fps, ES 17, SD 6 – Group 1-1/2"

Caliber: 45 ACP   Date: 06/21/20   Conditions: Sunny, 80°F   Distance: 7 yd

Bullet: 230 GR Hornady XTP #45160   COL: 1.230"   Crimp: Taper

Powder: BE-86   Case: Win   LG: ____   Primer: CCI 300

Gun: Kimber Team Match II - 5" barrel

6.2 GR Avg: 818 ES: 17 SD: 6   816, 818, 819, 812, 829

6.4 gr – Avg. 837 fps, ES 18, SD 7 – Group 1-3/8"

Caliber: 45 ACP   Date: 06/21/20   Conditions: Sunny, 80°F   Distance: 7 yd

Bullet: _230_ GR Hornady XTP #45160   COL: 1.230"   Crimp: Taper

Powder: BE-86   Case: Win   LG: _____   Primer: CCI 300

Gun: Kimber Team Match II - 5" barrel

_6.4_ GR Avg: _837_ ES: _18_ SD: _7_   833, 850, 836, 837, 832

Primers after shooting the 6.6 gr rounds:

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.