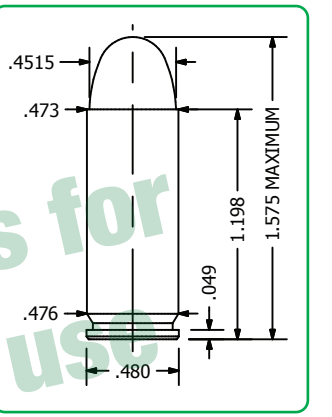
45 Win Mag

Test Specifications:

Firearm Used: L.A.R. Grizzly
Barrel Length: 6 1/2”
Twist: 1 x 16”

Components:

Case: Starline
Trim-to Length: 1.193”
Primer: Fed 150 & *155



Remarks:

Most sources cite the 45 Winchester Magnum as being introduced in 1979 for the gas operated Wildey pistol. The cartridge itself, however, is virtually identical (both ballistically and dimensionally) to a cartridge introduced in December of 1959. A Canadian firm, North American Arms Company (NAACO), produced both cartridge and pistol as a possible military sidearm. The pistol, which strongly resembled an oversized Browning P 35 High Power, was known as the NAACO Brigadier. Generating an impressive 1600 fps with a 230 grain FMJ, the 45 NAACO would have been one of the most powerful military sidearms in the world. Unfortunately, Canadian military and police authorities were apparently unimpressed, and no military contracts ever materialized. NAACO filed for bankruptcy in early 1960, and the 45 NAACO was relegated to the history books.

Winchester’s development of their 45 Magnum is a revival of the old 45 NAACO, a true parallel development, albeit separated by two decades. In any event, the 45 Winchester Magnum managed to achieve something the 45 NAACO never did — commercial standardization. Winchester also introduced a 9mm Magnum concurrently with the 45, but it has not received as much acceptance as the larger cartridge.

Being roughly equivalent in power to the renowned 44 Remington Magnum, the 45 Win Mag is suitable to the same range of tasks. Deer, boar and black bear are all well within the capabilities of this cartridge. Like the 44 Magnum, slow burning powders, such as 296, H110, and 2400, best serve the 45 Win Mag. Being a rimless cartridge, the 45 Win Mag will require a taper crimp for best results. It is unlikely that the 45 Win Mag will ever attain the popularity of the 44 Remington Magnum, but it is a good cartridge nonetheless.

INDICATES MAXIMUM LOAD - USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

45 Win Mag

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#8810	.4515"	185gr.	FPJ Match	1.500"
	#8800	.4515"	185gr.	JHP	1.500"

Powder ∨ Velocity >	1000	1100	1200	1300	1400	1500
Bullseye	7.5	8.5	9.5	10.5		
231	8.3	9.3	10.3	11.2	12.2	
A #5	11.0	12.2	13.3	14.5		
Unique	9.6	10.6	11.6	12.5	13.5	
Viht 3N37	11.2	12.1	13.1	14.0	15.0	15.9
A #7	15.3	16.4	17.5	18.6	19.7	
HS 7	14.0	15.4	16.8	18.1	19.5	
*Blue Dot	13.5	14.8	16.1	17.4	18.7	20.0
*2400	17.0	18.2	19.5	20.8	22.0	
*296			25.5	26.9	28.3	29.7
Energy Ft. Lbs	**411**	**497**	**591**	**694**	**805**	**924**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	Viht 3N37	14.0	1300	694
Hunting Load	*296	28.3	1400	805

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#8825	.4515"	200gr.	FPJ Match	1.500"

Powder ∨ Velocity >	1000	1100	1200	1300	1400	1500
231	8.0	9.2	10.5	11.7		
A #5	12.0	12.8	13.6	14.4		
Unique	9.9	10.9	11.9	12.8	13.8	
Viht 3N37	11.0	12.0	13.0	14.0	15.0	
A #7	15.0	16.0	17.1	18.2	19.2	
HS 7	14.5	15.6	16.8	17.9	19.0	
*Blue Dot	14.0	15.1	16.2	17.4	18.5	
*2400	16.3	17.7	19.0	20.4	21.7	
*296		22.0	23.8	25.6	27.3	29.0
Energy Ft. lbs	**444**	**537**	**639**	**750**	**870**	**999**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	Viht 3N37	14.0	1300	750
Hunting Load	*296	27.3	1400	870

45 Win Mag

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#8815	.4515"	230gr.	FMJ Match	1.555"
	#8805	.4515"	230gr.	JHP	1.550"

Powder ∨ Velocity >	900	1000	1100	1200	1300	1400
231	7.5	8.6	9.6	10.6		
A #5	10.7	11.7	12.7	13.7		
Unique	8.9	9.9	11.0	12.0	13.0	
Viht 3N37	10.0	11.1	12.2	13.2	14.3	
A #7	14.7	15.7	16.6	17.6	18.5	
HS 7	13.0	14.6	16.1	17.7		
*Blue Dot	12.6	13.6	14.6	15.6	16.5	17.5
*2400	14.7	16.0	17.4	18.7	20.0	
*H110		19.2	20.3	21.5		
*296			20.4	23.4		
Energy Ft. lbs	**414**	**511**	**618**	**735**	**863**	**1001**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	*Blue Dot	15.6	1200	735
Hunting Load	*Blue Dot	17.5	1400	1001

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45 Win Mag

Bullet	Caliber	Weight	Type	C.O.A.L.
	.4515"	240gr.	JHC	1.555"

Powder ∨ Velocity >	900	1000	1100	1200	1300
231	7.6	8.6	9.6	10.6	
A #5	10.5	11.5	12.4	13.4	
Unique	8.8	9.9	11.1	12.2	
Viht 3N37	10.0	11.0	12.0	13.0	14.0
A #7	13.5	14.7	15.8	17.0	18.1
HS 7	13.0	14.3	15.7	17.0	
*Blue Dot	12.1	13.4	14.8	16.1	17.4
*2400	14.1	15.7	17.4	19.0	
*H110		18.5	19.8	21.0	
*296			20.4	23.4	
Energy Ft. lbs	**432**	**533**	**645**	**767**	**900**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	*Blue Dot	17.4	1300	900
Hunting Load	*Blue Dot	17.4	1300	900

Bullet	Caliber	Weight	Type	C.O.A.L.
	.4515"	300gr.	JSP	1.550"

Powder ∨ Velocity >	800	850	900	950	1000	1050
Unique	7.5	8.0	8.5	9.1	9.7	
Viht 3N37	8.7	9.2	9.7	10.2	10.7	11.2
A #7		12.2	12.8	13.4	14.0	14.7
HS 7		12.0	12.5	13.0	13.5	14.1
*Blue Dot		11.2	11.8	12.4	13.0	13.5
*A #9	13.6	14.3	15.0	15.6	16.3	17.0
*2400	13.4	14.0	14.7	15.3	16.0	16.7
*H110	15.0	15.8	16.6	17.4	18.2	19.0
*296		14.4	15.3	16.2	17.1	18.0
Energy Ft. lbs	**426**	**481**	**539**	**601**	**666**	**734**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	*A #9	16.3	1000	666
Hunting Load	Viht 3N37	11.2	1050	734