45 Win MAG

Test Specifications:

Firearm Used: L.A.R. Grizzly

Barrel Length: 6 1/2"

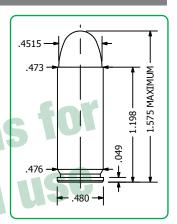
Twist: 1 x 16"

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.



45 WIN MAG

	Bullet Cali	ber We	ight T	ype			C.O.A.L.
	#8810 .451	5"18	5gr. F	PJ Match	I		1.500"
	#8800 .451	5"18	5gr. J	HP			1.500"
Powder \lor Velo	ocity > 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		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	00.0	
*Blue Dot *2400	13.5 17.0	14.8 18.2	16.1 19.5	17.4 20.8	18.7	20.0	
*296	17.0	10.2	25.5	20.8	28.3	29.7	
Energy Ft. Lbs	411	497	591	694	805	924	
		457	001	034	000	524	
Special Load	Powder	Gra	ins	Velocity	fps	Energy	Ft. Ib
Accuracy Load	Viht 3N37	14.	0	1300		694	
Hunting Load	*296	28.	3	1400		805	
	Bullet Cali	ber We	ight T	ype			C.O.A.L.
	Bullet Cali #8825 .451						C.O.A.L. 1.500"
Powder ∨ Velo			Ogr. F			1500	
231	#8825 .451 ocity > 1000 8.0	5"20 1100 9.2	0gr. F 1200 10.5	PJ Match 1300 11.7		1500	
231 A #5	#8825 .451 ocity > 1000 <u>8.0</u> 12.0	5"20 1100 9.2 12.8	0gr. F 1200 10.5 13.6	PJ Match 1300 11.7 14.4	1400	1500	
231 A #5 Unique	#8825 .451 ocity > 1000 8.0 12.0 9.9	5"20 1100 9.2 12.8 10.9	0gr. F 1200 10.5 13.6 11.9	PJ Match 1300 11.7 14.4 12.8	1400	1500	
231 A #5 Unique Viht 3N37	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0	5" 20 1100 9.2 12.8 10.9 12.0	0gr. F 1200 10.5 13.6 11.9 13.0	PJ Match 1300 11.7 14.4 12.8 14.0	1400 13.8 15.0	1500	
231 A #5 Unique Viht 3N37 A #7	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0 15.0	5" 20 1100 9.2 12.8 10.9 12.0 16.0	0gr. F 1200 10.5 13.6 11.9 13.0 17.1	PJ Match 1300 11.7 14.4 12.8 14.0 18.2	1400 13.8 15.0 19.2	1500	
231 A #5 Unique Viht 3N37 A #7 HS 7	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0 15.0 14.5	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8	PJ Match 1300 11.7 14.4 12.8 14.0 18.2 17.9	1400 13.8 15.0 19.2 19.0	1500	
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot	#8825 .451 poity > 1000 8.0 12.0 9.9 11.0 15.0 14.5 14.0	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2	PJ Match 1300 11.7 14.4 12.8 14.0 18.2 17.9 17.4	1400 13.8 15.0 19.2 19.0 18.5	1500	
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot *2400	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0 15.0 14.5	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1 17.7	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2 19.0	PJ Match 1300 11.7 14.4 12.8 14.0 18.2 17.9 17.4 20.4	1400 13.8 15.0 19.2 19.0 18.5 21.7		
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot *2400 *296	#8825 .451 pcity > 1000 8.0 12.0 9.9 11.0 15.0 14.5 14.0 16.3	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1 17.7 22.0	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2 19.0 23.8	PJ Match 1300 11.7 14.4 12.8 14.0 18.2 17.9 17.4 20.4 25.6	1400 13.8 15.0 19.2 19.0 18.5 21.7 27.3	29.0	
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot *2400 *296 Energy Ft. Ibs	#8825 .451 poity > 1000 8.0 12.0 9.9 11.0 15.0 14.5 14.0	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1 17.7	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2 19.0	PJ Match 1300 11.7 14.4 12.8 14.0 18.2 17.9 17.4 20.4	1400 13.8 15.0 19.2 19.0 18.5 21.7		
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot *2400 *296 Energy Ft. Ibs Special Load	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0 15.0 14.5 14.0 16.3 444 Powder	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1 17.7 22.0 537 Gra	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2 19.0 23.8 639 iins	PJ Match 1300 11 .7 14 .4 12 .8 14 .0 18 .2 17 .9 17 .4 20 .4 25 .6 750 Velocity	1400 13.8 15.0 19.2 19.0 18.5 21.7 27.3 870	29.0 999 Energy	1.500"
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot *2400 *296 Energy Ft. Ibs Special Load Accuracy Load	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0 15.0 14.5 14.0 16.3 444 Powder Viht 3N37	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1 17.7 22.0 537 Gra 14.	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2 19.0 23.8 639 iins 0	PJ Match 1300 11.7 14.4 12.8 14.0 18.2 17.9 17.4 20.4 25.6 750 Velocity 1300	1400 13.8 15.0 19.2 19.0 18.5 21.7 27.3 870	29.0 999 Energy 750	1.500"
231 A #5 Unique Viht 3N37 A #7 HS 7 *Blue Dot *2400 *296 Energy Ft. Ibs Special Load	#8825 .451 ocity > 1000 8.0 12.0 9.9 11.0 15.0 14.5 14.0 16.3 444 Powder	5" 20 1100 9.2 12.8 10.9 12.0 16.0 15.6 15.1 17.7 22.0 537 Gra	0gr. F 1200 10.5 13.6 11.9 13.0 17.1 16.8 16.2 19.0 23.8 639 iins 0	PJ Match 1300 11 .7 14 .4 12 .8 14 .0 18 .2 17 .9 17 .4 20 .4 25 .6 750 Velocity	1400 13.8 15.0 19.2 19.0 18.5 21.7 27.3 870	29.0 999 Energy	1.500"



SIERRA RELOADING MANUAL • SIXTH EDITION

45 Win Mag

	Bullet Cali	ber We	eight Ty	pe			C.O.A.L.
	#8815 .45 ⁻	15"23	Ogr. FN	/J Matc	h		1.555"
	#8805 .45 ⁻	15"23	0gr. J⊦	IP			1.550"
Powder ∨ Veloc	ity > 900	1000	1100	1200	1300	1400	
231 A #5	7.5	8.6 11.7	9.6 12.7	10.6 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. Ibs	414	511	618	735	863	1001	
Special Load	Powder	Gra	ains	Velocity	/ fps	Energy I	Ft. Ib
Accuracy Load	*Blue Dot	15	.6	1200		735	
Hunting Load	*Blue Dot	17	.5	1400		1001	
Do not of the redistribute.							



45 WIN MAG

#8820 .4515" 240gr. JHC	
	1.555"
Powder \checkmark 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	
	14.0
	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	1/.4
*H110 18.5 19.8 21.0	70C
*296 20.4 23.4	
Energy Ft. lbs 432 533 645 767	900
Special Load Powder Grains Velocity f	ps Energy Ft. Ib
Accuracy Load *Blue Dot 17.4 1300	900
Hunting Load *Blue Dot 17.4 1300	900
Bullet Caliber Weight Type	C.O.A.L.
#8830 .4515" 300gr. JSP	1.550"
	1.550" 1000 1050
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1 9	1000 1050 9.7
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1	1000 1050
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1 9.2 Viht 3N37 8.7 9.2 9.7 10.2 12.2 A #7 12.2 12.8 13.4 13.4	1000 1050 9.7 10.7 11.2 14.0 14.7
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1 9.2 Viht 3N37 8.7 9.2 9.7 10.2 9.7 A #7 12.2 12.8 13.4 14.5 13.0 14.5	1000 1050 9.7 11.2 14.0 14.7 13.5 14.1
Powder ∨ Velocity > 300 850 900 950 Unique 7.5 8.0 8.5 9.1 9 Viht 3N37 8.7 9.2 9.7 10.2 9 A #7 12.2 12.8 13.4 14 HS 7 12.0 12.5 13.0 14 *Blue Dot 11.2 11.8 12.4 14	1000 1050 9.7 11.2 14.0 14.7 13.5 14.1 13.0 13.5
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1	1000 1050 9.7 11.2 14.0 14.7 13.5 14.1 13.0 13.5 16.3 17.0
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1 9.2 Viht 3N37 8.7 9.2 9.7 10.2 A #7 12.2 12.8 13.4 HS 7 12.0 12.5 13.0 *Blue Dot 11.2 11.8 12.4 *A #9 13.6 14.3 15.0 *2400 13.4 14.0 14.7 15.3	1000 1050 9.7 11.2 14.0 14.7 13.5 14.1 13.0 13.5 16.3 17.0 16.0 16.7
Powder ∨ Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1	1000 1050 9.7 11.2 14.0 14.7 13.5 14.1 13.0 13.5 16.3 17.0 16.0 16.7 18.2 19.0
Powder \lor Velocity > 800850900950Unique7.58.08.59.19.1Viht 3N378.79.29.710.29.7A #712.212.813.414.715.5HS 712.012.513.014.315.0*Blue Dot11.211.812.414.7*A #913.614.315.015.6*240013.414.014.715.3*H11015.015.816.617.4*29614.415.316.2	1000 1050 9.7 10.7 11.2 14.0 14.7 13.5 13.5 14.1 13.0 13.0 13.5 16.3 16.0 16.7 18.2 19.0 17.1 18.0
Powder \lor Velocity > 800850900950Unique7.58.08.59.1Viht 3N378.79.29.710.2A #712.212.813.4HS 712.012.513.0*Blue Dot11.211.812.4*A #913.614.315.0*240013.414.014.7*H11015.015.816.6*29614.415.316.2	1000 1050 9.7 11.2 14.0 14.7 13.5 14.1 13.0 13.5 16.3 17.0 16.0 16.7 18.2 19.0
Powder \lor Velocity > 800850900950Unique7.58.08.59.19.1Viht 3N378.79.29.710.29.7A #712.212.813.414.715.5HS 712.012.513.014.315.0*Blue Dot11.211.812.414.7*A #913.614.315.015.6*240013.414.014.715.3*H11015.015.816.617.4*29614.415.316.2	1000 1050 9.7 10.7 11.2 14.0 14.7 13.5 13.5 14.1 13.0 13.0 13.5 16.3 16.0 16.7 18.2 18.2 19.0 17.1 18.0 566 734
Powder \lor Velocity > 800 850 900 950 Unique 7.5 8.0 8.5 9.1 9.1 Viht 3N37 8.7 9.2 9.7 10.2 9.7 A #7 12.2 12.8 13.4 14.7 15.5 13.0 *Blue Dot 11.2 11.8 12.4 14.3 15.0 15.6 *A #9 13.6 14.3 15.0 15.6 15.4 14.7 15.3 15.4 *A #9 13.6 14.3 15.0 15.6 15.4 16.6 17.4 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 15.3 15.6 15.8 16.6 17.4 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 15.3 16.2 <t< td=""><td>1000 1050 9.7 10.7 11.2 14.0 14.7 13.5 13.5 14.1 13.0 13.0 13.5 16.3 16.0 16.7 18.2 18.2 19.0 17.1 18.0 566 734</td></t<>	1000 1050 9.7 10.7 11.2 14.0 14.7 13.5 13.5 14.1 13.0 13.0 13.5 16.3 16.0 16.7 18.2 18.2 19.0 17.1 18.0 566 734

