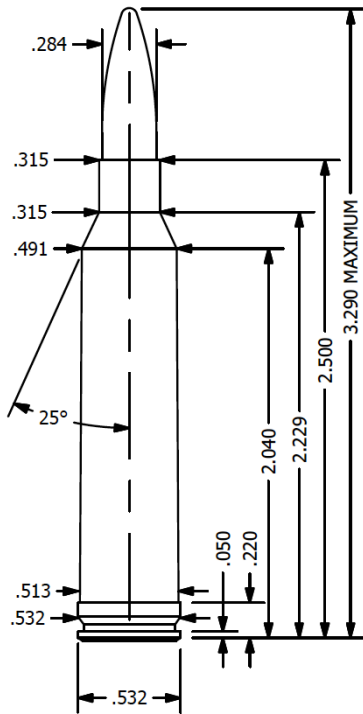


# 7mm Remington Magnum



## Test Specifications/ Components

**Firearm Used:** Universal Receiver

**Barrel Length:** 24"

**Twist:** 1-9"

**Case:** Nosler

**Trim-to Length:** 2.490"

**Primer:** Winchester WLRM

## Remarks:

The history of U.S. ordnance is full of examples of good cartridges that have passed into obsolescence. The 219 Zipper, 284 Winchester and 6.5 Remington Magnum were all fine ideas, but terribly limited by the rifles for which they were introduced. When Remington brought out their 7mm Magnum in 1962, however, they did everything right the first time. Introduced in what was then the new Model 700 bolt action, both rifle and cartridge have gone on to become phenomenally popular.

Remington had only two real competitors in this market. One was the 7mm Weatherby Magnum, offered in Weatherby's rather expensive Mark V rifle. The other was the 7x61mm Sharpe & Hart, chambered in the infrequently encountered Shultz & Larsen. While the performance of all three is quite similar, only the Remington was readily available in an affordable package. The real secret to its success is quite simple—it's fast, flat, accurate and potent.

The 7mm Remington Magnum is, first and foremost, a hunting cartridge and has been used to take virtually every big game species in North America, including big bears. Realistically, it is probably at its best when used in long-range, open country hunting typical of western big game territory. While its primary use is in the hunting fields, the cartridge's flat trajectory and inherent accuracy has attracted the interest of competitive shooters as well. Eight years after its introduction, it was used in conjunction with Sierra's 168 grain MatchKing to win the prestigious 1000 yard Wimbledon match at Camp Perry. While there have been many developments in cartridge design, the 7mm Remington Magnum is still a very note-worthy cartridge that deserves a closer look.

# 7mm Remington Magnum

**#1895 .284" 100 gr. HP Varminter**  
C.O.A.L. 3.150"



Powder↓ / Velocity →	3100	3200	3300	3400	3500	3600	3700
H4350			66.3	68.3	70.4	72.5	
Hybrid 100V			62.6	64.7	66.7	68.7	
RE 19		70.2	71.8	73.3	74.8	76.3	77.9
H4831sc	69.0	70.8	72.7	74.5	76.3		
IMR 4955 End.	64.9	66.6	68.4	70.2	72.0		
N560			73.3	74.8	76.3	77.8	
N165		72.7	74.4	76.1	77.9		
IMR 7828ssc	70.9	72.4	73.9	75.5	77.0		
RE23	66.9	68.6	70.2	71.8	73.4	75.0	
IMR 7977 End.		73.9	75.7	77.5			
<b>Energy/ft.lbs</b>	<b>2133</b>	<b>2273</b>	<b>2418</b>	<b>2566</b>	<b>2720</b>	<b>2877</b>	<b>3039</b>

**#1900 .284" 120 gr. Spitzer Pro-Hunter**  
C.O.A.L. 3.150"



Powder↓ / Velocity →	3100	3200	3275	3300	3325	3350	3400
H4350	63.3	65.5	67.0	67.6	68.1		
RE 19		71.7	73.1	73.6	74.0	74.5	75.4
H4831sc	69.5	71.6	73.2	73.7	74.2		
IMR 4955 End.	64.4	67.0	68.9				
N560	70.7	72.4	73.7	74.1	74.5	74.9	
N165	72.3	74.4	76.0	76.5	77.0		
IMR 7828ssc	70.5	72.3	73.6	74.1	74.5	75.0	
RE23	67.1	69.0	70.5	71.0	71.5	72.0	73.0
IMR 7977 End.	73.1	75.0	76.4	76.8	77.3	77.8	
Magnum	74.6	77.0	78.8	79.4	80.0	80.6	
H1000	73.8	75.7	77.1	77.6	78.1	78.6	
<b>Energy/ft.lbs</b>	<b>2560</b>	<b>2728</b>	<b>2857</b>	<b>2901</b>	<b>2945</b>	<b>2990</b>	<b>3080</b>

**INDICATES MAXIMUM LOAD - USE CAUTION**

**LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.**

## 7mm Remington Magnum

#1903 .284" 130 gr. HPBT MatchKing  
C.O.A.L. 3.215"



Powder↓ / Velocity →	2900	3000	3100	3200	3250	3300	3350
H4350	59.7	61.9	64.2	66.4			
RE 19			67.6	69.6	70.6	71.5	72.5
H4831sc	65.2	67.5	69.8	72.2			
IMR 4955 End.	62.1	64.2	66.3	68.4			
N560	66.0	67.8	69.5	71.3	72.2	73.1	
N165		69.4	71.4	73.5	74.5		
IMR 7828ssc	65.8	67.8	69.8	71.8	72.8		
RE23	62.4	64.5	66.6	68.7	69.7	70.8	
IMR 7977 End.	67.7	69.5	71.3	73.0	73.9		
Magnum		72.3	74.8	77.3	78.6	79.8	
H1000	68.7	70.6	72.6	74.6	75.6		
RE 26	67.4	69.1	70.8	72.5	73.4	74.3	
<b>Energy/ft.lbs</b>	<b>2427</b>	<b>2597</b>	<b>2774</b>	<b>2955</b>	<b>3048</b>	<b>3143</b>	<b>3239</b>

## 7mm Remington Magnum

#1905 .284" 140 gr. SBT GameKing  
C.O.A.L. 3.240"



#1910 .284" 140 gr. Spitzer Pro-Hunter  
C.O.A.L. 3.240"



#1912 .284" 140 gr. HPBT GameKing  
C.O.A.L. 3.180"



Powder↓ / Velocity →	2800	2900	3000	3100	3150	3200	3250
H4350		57.0	60.1	62.3	64.8		
RE 19		63.9	65.9	68.0	69.1	70.1	
H4831sc		62.9	65.8	68.7	70.2		
IMR 4955 End.	58.9	61.4	63.9	66.4			
N560	64.2	66.0	67.8	69.6	70.5		
N165		62.9	66.0	69.1	70.7		
IMR 7828ssc	62.6	65.1	67.6	70.1	71.3		
RE23		62.0	64.6	67.2	68.5	69.8	
IMR 7977 End.	66.4	68.6	70.8	73.0	74.1		
Magnum		70.7	73.0	75.3	76.4	77.6	78.7
H1000		67.4	69.8	72.3	73.5	74.8	
RE 25		65.3	68.2	71.1	72.5	74.0	75.4
Retumbo	66.3	68.7	71.1	73.6	74.8	76.0	
RE 26		64.4	66.9	69.3	70.5	71.8	73.0
<b>Energy/ft.lbs</b>	<b>2437</b>	<b>2614</b>	<b>2797</b>	<b>2987</b>	<b>3084</b>	<b>3183</b>	<b>3283</b>

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

## 7mm Remington Magnum

#1913 .284" 150 gr. SBT GameKing  
C.O.A.L. 3.240"



#1915 .284" 150 gr. HPBT MatchKing  
C.O.A.L. 3.240"



Powder↓ / Velocity →	2800	2900	3000	3050	3100	3150
H4350	56.9	59.5	62.1	<b>63.3</b>		
RE 19	61.5	63.8	66.1	67.2	<b>68.4</b>	
H4831sc	61.3	64.1	66.8	68.2	<b>69.5</b>	
IMR 4955 End.	60.8	63.3	<b>65.7</b>			
N560	63.6	65.6	67.6	68.6	<b>69.6</b>	
N165	61.2	64.2	67.2	<b>68.7</b>		
IMR 7828ssc	63.5	65.9	68.3	69.5	<b>70.7</b>	
RE23	60.2	62.8	65.5	66.8	<b>68.1</b>	
IMR 7977 End.	67.9	69.9	71.9	72.9	<b>73.9</b>	
Magnum	69.2	71.4	73.6	74.7	75.8	<b>77.0</b>
H1000	66.0	68.5	71.0	72.3	<b>73.5</b>	
RE 25		66.0	69.1	70.6	72.1	<b>73.7</b>
Retumbo	67.4	69.7	72.0	73.2	<b>74.3</b>	
RE 26	63.5	65.9	68.3	69.5	70.7	<b>72.0</b>
<b>Energy/ft.lbs</b>	<b>2611</b>	<b>2801</b>	<b>2997</b>	<b>3098</b>	<b>3200</b>	<b>3304</b>

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

## 7mm Remington Magnum

#1920 .284" 160 gr. SBT GameKing  
C.O.A.L. 3.240"



#1925 .284" 160 gr. HPBT GameKing  
C.O.A.L. 3.200"



#7660 .284" 160 gr. TMK  
C.O.A.L. 3.290"



Powder↓ / Velocity →	2700	2800	2900	3000	3025	3050
H4350	56.3	58.8	<b>61.3</b>			
RE 19		61.9	64.3	<b>66.7</b>		
H4831sc	60.6	63.1	<b>65.7</b>			
IMR 4955 End.	59.1	61.5	<b>63.8</b>			
N560	62.2	64.2	66.1	<b>68.1</b>		
N165	60.9	64.2	<b>67.4</b>			
IMR 7828ssc	61.7	64.1	66.5	<b>68.9</b>		
RE23	58.7	61.2	63.8	66.3	<b>67.0</b>	
IMR 7977 End.	65.8	67.9	<b>70.0</b>			
Magnum	67.3	69.6	71.9	74.2	<b>74.8</b>	
H1000	64.1	66.5	69.0	<b>71.4</b>		
RE 25	63.3	66.2	69.0	71.8	72.5	<b>73.2</b>
Retumbo	66.1	68.3	70.6	72.8	<b>73.4</b>	
RE 26	62.5	64.7	67.0	69.2	69.7	<b>70.3</b>
<b>Energy/ft.lbs</b>	<b>2589</b>	<b>2785</b>	<b>2987</b>	<b>3197</b>	<b>3250</b>	<b>3304</b>

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

## 7mm Remington Magnum

#1930 .284" 168 gr. HPBT MatchKing  
C.O.A.L. 3.290"



Powder↓ / Velocity →	2600	2700	2800	2900	2925	2950	2975
H4350	53.7	56.4	59.0				
RE 19			61.9	64.5	65.2		
H4831sc	58.0	60.8	63.6	66.4			
IMR 4955 End.	56.8	59.2	61.6				
N560	59.9	62.5	65.1	67.7			
IMR 7828ssc	59.2	61.8	64.3	66.8	67.5		
RE23	56.7	59.4	62.0	64.7	65.3	66.0	
IMR 7977 End.	63.3	65.6	68.0	70.4	71.0	71.6	
Magnum	64.9	67.3	69.6	72.0	72.5	73.1	73.7
H1000	61.4	64.1	66.8	69.4	70.1	70.8	
RE 25		63.1	66.1	69.2	69.9	70.7	71.5
Retumbo	62.7	65.3	68.0	70.6	71.3	71.9	
RE 26	59.8	62.4	65.0	67.7	68.3	69.0	
<b>Energy/ft.lbs</b>	<b>2521</b>	<b>2719</b>	<b>2924</b>	<b>3137</b>	<b>3191</b>	<b>3246</b>	<b>3301</b>

## 7mm Remington Magnum

#1940 .284" 175 gr. SBT  
GameKing  
C.O.A.L. 3.290"



#1975 .284" 175 gr. HPBT  
MatchKing  
C.O.A.L. 3.290"



**8.5" TWIST  
OR FASTER**

Powder↓ / Velocity →	2600	2700	2800	2875	2900	2975
H4350	54.7	57.2				
RE 19	57.6	60.3	62.9	64.9		
H4831sc	58.9	61.7	64.4			
IMR 4955 End.	57.2	59.8	62.3			
N560	60.2	62.9	65.5	67.5		
IMR 7828ssc	60.4	63.0	65.5			
RE23	57.1	60.0	62.9	65.1		
IMR 7977 End.	64.3	66.6	69.0			
Magnum	64.5	67.3	70.1	72.2	72.9	
H1000	62.1	64.8	67.4	69.4		
RE 25	61.7	64.7	67.6	69.9	70.6	
Retumbo	63.4	66.2	69.0	71.1		
RE 26	60.8	63.5	66.1	68.1		
RE 33			73.2	75.1	75.8	77.7
<b>Energy/ft.lbs</b>	<b>2626</b>	<b>2832</b>	<b>3046</b>	<b>3211</b>	<b>3267</b>	<b>3439</b>

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

## 7mm Remington Magnum

#1980 .284" 180 gr. HPBT  
MatchKing  
C.O.A.L. 3.290"



**8" TWIST  
OR FASTER**

#1983 .284" 183 gr. HPBT  
MatchKing  
C.O.A.L. 3.290"



**8" TWIST  
OR FASTER**

Powder↓ / Velocity →	2600	2700	2800	2825	2850	2900	2925
RE 19	58.7	61.2	63.6	64.3	<b>64.9</b>		
H4831sc	58.6	61.5	<b>64.4</b>				
IMR 4955 End.	57.6	<b>60.3</b>					
N560	60.3	63.0	65.7	<b>66.3</b>			
IMR 7828ssc	60.1	62.5	<b>65.0</b>				
RE23	57.8	60.7	<b>63.6</b>				
IMR 7977 End.	64.1	66.2	68.4	<b>68.9</b>			
Magnum	64.9	67.7	70.4	71.1	<b>71.8</b>		
H1000	62.4	65.2	<b>67.9</b>				
RE 25	61.9	65.0	68.2	69.0	<b>69.8</b>		
Retumbo	63.6	66.2	68.8	69.5	<b>70.1</b>		
RE 26	61.2	63.7	66.3	<b>66.9</b>			
RE 33		71.9	74.5	75.1	75.8	77.1	<b>77.7</b>
<b>Energy/ft.lbs</b>	<b>2746</b>	<b>2962</b>	<b>3185</b>	<b>3242</b>	<b>3300</b>	<b>3417</b>	<b>3476</b>

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

## 7mm Remington Magnum

#1997 .284" 197 gr. HPBT  
MatchKing  
C.O.A.L. 3.290"



**7.5" TWIST  
OR FASTER**

Powder↓ / Velocity →	2450	2500	2600	2700	2750	2800	2825
IMR 7828ssc	58.0	59.2	61.6	<b>64.0</b>			
RE23	56.1	57.4	60.1	<b>62.7</b>			
IMR 7977 End.	61.2	62.5	65.0	<b>67.5</b>			
Magnum		64.0	66.2	68.5	<b>69.6</b>		
H1000		60.1	62.9	<b>65.7</b>			
RE 25		61.6	64.0	66.3	<b>67.5</b>		
Retumbo		62.1	64.8	67.6	<b>68.9</b>		
RE 26			61.0	<b>63.3</b>			
RE 33	65.1	66.5	69.2	72.0	73.3	74.7	<b>75.4</b>
US869	71.4	72.6	75.0	77.3	<b>78.5</b>		
<b>Energy/ft.lbs</b>	<b>2625</b>	<b>2733</b>	<b>2957</b>	<b>3188</b>	<b>3307</b>	<b>3429</b>	<b>3490</b>

**INDICATES MAXIMUM LOAD - USE CAUTION**  
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