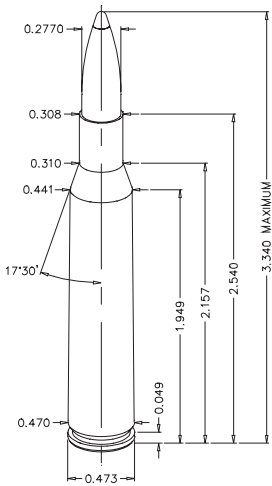


# 270 Winchester



## Test Specifications/ Components

**Firearm Used:** Savage Model 116

**Barrel Length:** 26"

**Twist:** 1 x 10"

**Case:** Winchester

**Trim-to Length:** 2.530"

**Primer:** Win WLR

## Remarks:

In any list of the all-time favorite American hunting cartridges, the 270 Winchester is always a strong contender. Developed in 1923, the cartridge wasn't actually introduced until 1925, when Winchester chambered it in their Model 54 bolt-action rifle. Since that time, the 270 has been cham-

bered in almost every action type by every major arms maker worldwide. Despite its age and competition from several newer cartridges, the 270 is very much alive and is still the quintessential cartridge for mule deer, sheep and other "western" big game species.

The 270 Winchester is actually little more than the standard 30/06 Springfield, necked down to accept a .277" diameter bullet. The case has been lengthened slightly, and headspace dimensions were altered somewhat. However, these changes are minor and do not materially affect the capacity of the parent case. The 270 earned its reputation with the 130 grain bullet, and this is still the best choice for most big game hunting situations. Sierra offers .277" diameter bullets ranging from 90 to 150 grains, allowing the handloader to tailor his loads to anything from prairie dogs to elk. Versatility like this is what wins fans among shooters, and the 270 has always had its share.

One ardent proponent of the 270 was the late Jack O'Connor, one of our most renowned American gun writers. O'Connor used the 270 to take a wide variety of big game species around the world and is probably the one writer most responsible for the 270's popularity. Another well-known admirer was Col. Townsend Whelen, who considered the 270 to be one of the finest cartridges for big game hunting in the United States. He had good reason. The 270 combines flat trajectory, accuracy and mild recoil in one attractive package and remains one of our premier hunting cartridges for North American big game.

# 270 Winchester continued

#1800 .277" 90 gr. HP  
C.O.A.L. 3.200"



Powder↓/Velocity→	3100	3200	3300	3400	3500	3600
IMR-4895	46.0	47.5	49.0	50.4	<b>51.9</b>	
Varget	45.9	47.7	<b>49.5</b>			
IMR-4064	46.8	48.3	49.8	51.3	<b>52.8</b>	
AA-4064	46.8	48.6	50.4	52.2	<b>54.0</b>	
IMR-4320	48.2	49.7	51.1	52.6	<b>54.0</b>	
Viht N140	46.3	47.9	49.6	51.2	<b>52.8</b>	
AA-2700	51.2	53.0	54.8	<b>56.6</b>		
RE-15	45.6	47.4	49.2	<b>51.0</b>		
H380	47.4	49.6	51.8	54.0	<b>56.2</b>	
760	51.6	53.4	55.3	57.1	<b>58.9</b>	
Viht N150	45.9	48.1	50.2	<b>52.4</b>		
AA-4350	53.5	55.1	56.7	<b>58.3</b>		
IMR-4350	54.1	55.5	56.8	58.2	59.5	<b>60.9</b>
RE-19	56.1	57.6	59.2	60.7	62.3	<b>63.8</b>
IMR-4831	56.7	58.1	59.6	<b>61.0</b>		
AA-3100	58.2	<b>59.8</b>				
H4831 SC	57.9	59.4	60.8	<b>62.3</b>		
<b>Energy/ft.lbs.</b>	<b>1920</b>	<b>2046</b>	<b>2176</b>	<b>2310</b>	<b>2448</b>	<b>2589</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-15	49.2	3300	2176
Hunting Load	<b>IMR-4320</b>	<b>54.0</b>	3500	2448



*Cody Schafer of Beulah, ND, is shown with his 170 class mule deer taken in 1999 with a Sierra 270 caliber, 110 grain SPT in his 270 Remington 700 BDL.*

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

# 270 Winchester continued

#1810 .277" 110 gr. SPT  
C.O.A.L. 3.275"



Powder↓/Velocity→	2800	2900	3000	3100	3200	3300
IMR-4895	40.6	42.6	44.6	46.5	48.5	
Varget	41.8	43.7	45.6	47.5	49.4	
IMR-4064	41.5	43.5	45.5	47.5	49.5	
AA-4064	42.3	44.4	46.5	48.6	50.7	
IMR-4320	42.3	44.4	46.5	48.6	50.7	
AA-2700			49.0	52.2		
RE15	41.6	43.6	45.6	47.6	49.6	
H380	42.8	45.2	47.6	49.9	52.3	
760	45.3	47.5	49.8	52.0	54.3	56.5
Viht N150	39.2	41.8	44.4	46.9	49.5	
AA-4350	49.9	51.4	52.9	54.4	55.9	57.4
IMR-4350	48.3	50.1	51.8	53.6	55.3	
RE-19	51.6	53.2	54.8	56.4	58.0	59.6
IMR-4831	50.5	52.4	54.4	56.3		
AA-3100	53.2	54.6	56.0	57.4		
H4831 SC	52.4	54.2	56.0	57.9	59.7	61.5
Viht N165	54.4	56.1	57.8	59.5	61.2	62.9
H1000	57.3	58.9	60.5	62.1		
<b>Energy/ft.lbs.</b>	<b>1915</b>	<b>2054</b>	<b>2198</b>	<b>2347</b>	<b>2501</b>	<b>2659</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	AA-4064	48.6	3100	2347
Hunting Load	RE-19	59.6	3300	2659



Cody Schafer of Beulah, ND, is shown with his 140 class white-tail taken in 2000 with a Sierra 270 caliber, 110 gr. SPT in his 270 Remington 700 BDL.

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

# 270 Winchester continued

**#1820 .277" 130 gr. SBT**  
C.O.A.L. 3.300"



**#1830 .277" 130 gr. SPT**  
C.O.A.L. 3.300"



**#1833 .277" 135 gr. HPBT MatchKing**  
C.O.A.L. 3.340"



Powder↓/Velocity→	2700	2800	2900	3000	3100
IMR-4895	43.2	45.2	47.1		
Varget	41.1	43.7	46.3		
IMR-4064	42.9	44.7	46.5	48.3	
AA-4064	42.5	45.1	47.7		
IMR-4320	43.6	45.5	47.5	49.4	
AA-2700	47.7	49.7	51.7		
H380	44.7	46.8	48.9		
760	47.2	49.1	50.9	52.8	
Viht N550	46.3	48.0	49.7	51.4	
AA-4350	48.3	50.1	51.9	53.7	55.5
IMR-4350	48.2	49.9	51.6	53.3	55.0
RE-19	49.5	51.5	53.5		
IMR-4831	50.7	52.3	54.0	55.6	57.2
AA-3100	52.5	54.1	55.7		
H4831 SC	52.1	53.9	55.7	57.4	59.2
Viht N165	53.4	55.4	57.4	59.4	
RE-22	52.2	53.7	55.2	56.7	58.2
H1000	56.2	58.0	59.9	61.7	
<b>Energy/ft.lbs.</b>	<b>2104</b>	<b>2263</b>	<b>2427</b>	<b>2597</b>	<b>2774</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-22	56.7	3000	2597
Hunting Load	<b>RE-22</b>	<b>58.2</b>	3100	2774

*Sierra does not recommend MatchKing bullets for hunting applications.*



*Kent Hodgeson of AZ took this antelope with Sierra's 130 grain SBT GameKing in Raton, NM. The hunt was a retirement hunt given to Kent by J&G Sales, Inc. It was a one-shot kill at 175 yards.*

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

# 270 Winchester continued

**#1835 .277" 140 gr. HPBT**  
C.O.A.L. 3.265"



**#1845 .277" 140 gr. SBT**  
C.O.A.L. 3.300"



Powder+Velocity→	2600	2700	2800	2900	3000
IMR-4895	41.7	43.6	45.4		
IMR-4064	41.8	43.7	45.6		
IMR-4320	42.8	44.7	46.6		
H380	42.6	45.1	47.7	50.2	
760	45.5	47.3	49.2	51.0	52.8
Viht N550	43.9	45.9	48.0	50.0	
AA-4350	46.3	48.1	49.9	51.7	53.5
IMR-4350	46.8	48.5	50.2	51.8	53.5
H4350	45.7	47.7	49.7	51.7	
RE-19	47.6	49.4	51.2	53.0	
Viht N160	45.6	47.8	50.0		
Viht N560	49.3	51.0	52.7	54.4	56.1
IMR-4831	48.8	50.6	52.4	54.1	55.9
AA-3100	50.8	52.4	53.9	55.5	57.0
H4831 SC	50.0	52.0	54.0	55.9	57.9
Viht N165			55.6	57.5	59.4
RE-22	49.9	51.5	53.2	54.8	56.4
H1000	54.1	56.0	57.8	59.7	
<b>Energy/ft.lbs.</b>	<b>2101</b>	<b>2266</b>	<b>2437</b>	<b>2614</b>	<b>2797</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H4350	49.7	2800	2437
Hunting Load	RE-22	56.4	3000	2797



*Jim Pritchett of Martin, TN, took this Texas Whitetail from 175 yards with a 130 grain SPT ProHunter. This buck grossed 147 1/4 B&C.*

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

# 270 Winchester continued

#1840 .277" 150 gr. SBT  
C.O.A.L. 3.315"



Powder↓/Velocity→	2500	2600	2700	2800	2900
IMR-4895	40.7	42.8	44.9		
IMR-4064	40.3	42.4	44.4	46.5	
IMR-4320	41.3	43.3	45.4	47.4	
H380	42.1	44.3	46.5		
760	44.1	46.1	48.0		
Viht N550	41.7	44.1	46.6	49.0	
AA-4350	44.0	46.0	48.0	50.0	52.0
IMR-4350	45.2	47.0	48.8	50.6	52.4
H4350	42.8	45.1	47.4	49.7	52.0
RE-19	45.0	47.1	49.2	51.3	
Viht N160	43.1	45.5	47.9	50.3	
Viht N560	47.3	49.3	51.3	53.3	55.3
IMR-4831	47.0	48.9	50.9	52.8	54.7
AA-3100	49.4	51.3	53.2		
H4831 SC	48.2	50.2	52.2	54.2	56.2
Viht N165	48.4	51.2	54.0		
RE-22	49.2	50.7	52.2	53.7	55.2
H1000	53.4	54.9	56.3	57.8	
<b>Energy/ft.lbs.</b>	<b>2081</b>	<b>2251</b>	<b>2428</b>	<b>2611</b>	<b>2801</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-22	53.7	2800	2611
Hunting Load	RE-22	55.2	2900	2801



David Page of Dexter, ME, got an 852 lb. moose with a 150 grain SBT GameKing.

**INDICATES MAXIMUM LOAD – USE CAUTION**

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