

## 270 WINCHESTER

Wayne van Zwoll

The deer flipped at the shot and landed like a bag of spuds. Zerafino was bug-eyed. "A very fast ball, the .270," explained his client. "Like the lightning!" marveled Zerafino.

A .277 bullet seemed an odd choice in 1925. There were no other .270s. More sensible: a 7mm (.284) bullet, per the 7x57 Mauser.

Still, the .270 had spunk. Winchester listed a 130-grain bullet at 3,140 fps, faster than an 87-grain out of Newton's .250/3000 Savage. The .270 hurled 2,840 ft-lbs from the muzzle, a ton past 200 yards! A 150-grain bullet arrived in 1933, a thin-shelled 100-grain in '37. The advantages of bolt-actions over lever guns were coming clear. New glass sights helped hunters aim to the .270's reach.

Introduced in Winchester's 54 rifle, the .270 was a charter entry in the Model 70. Only the .30-06 proved more popular. Of 581,471 M70s built before the rifle's 1963 overhaul, 122,323 were .270s. To mollify hunters whining of meat damage from early .270 bullets fragmenting upon high-speed impact, Winchester throttled a 150-grain load to 2,675 fps. It didn't sell. Solution: Bullets that ensured penetration after Mach 3 hits. Nosler's superb Partition arrived in 1948 – as Remington unveiled its 721 rifle in .270.

Outdoor Life's Jack O'Connor praised the .270, using it on "everything from javelina to Alaska-Yukon moose." He handloaded "62 grains of No. 4831" in W-W hulls with CCI Magnum primers behind 130-grain bullets, 58 ½ grains with 150-grain Partitions.

An uncomplicated cartridge factory loaded to 52,000 CUP, the .270 is essentially a necked-down .30-06 (the 2.540-inch hull is .046 longer than the '06's; its 17 ½-degree shoulder, 1.948 base-to-shoulder length are the same). It kicks like a gerbil. A Colorado game warden chose the .270 over frothier rounds for control work because it didn't bruise him. He killed hundreds of elk with almost no crippling.

Rifles in .270 Winchester are legion, most rifled 1 turn in 10 inches. (Husqvarnas have 1-in-9 ½ twist, Mannlicher-Schoenauers 1-in-9.) Any .30-06 magazine accepts the .270.

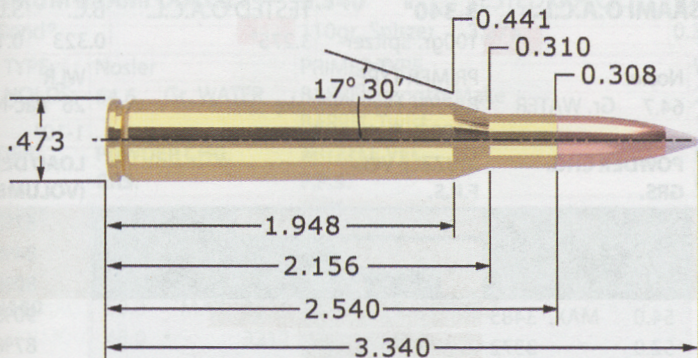


I shot my first bighorn with a .270, after elk, mule deer and pronghorns. I've used the cartridge a lot since, mostly with 130-, 140- and 150-grain bullets. Nosler's 130-grain Partition or 140 AccuBond will drop any antlered game, also tough African plains game.

"A very fast ball, the .270." O'Connor told Zerafino. It still is.








***Dr. Wayne van Zwoll has written about rifles, loads and hunting for 45 years.***





Maximum S.A.A.M.I. Overall Cartridge Length: 3.340"

## BULLET CHOICES FOR THE 270 WINCHESTER

AccuBond®	Ballistic Tip®	Ballistic Silvertip®	AccuBond® LR
<b>AB</b>	<b>BT</b>	<b>BST</b>	<b>ABLR</b>
			
Grain	Grain	Grain	Grain
100	130	130	150
110	140	150	
130			
140			
150			
Expansion Tip®	Partition®	Partition® Semi Spitzer	
<b>ET</b>	<b>PT</b>	<b>PT</b>	
			
Grain	Grain	Grain	
130	130	160	
	140		
	150		

## TECHNICAL INFORMATION

The 270 Winchester is clearly one of the shooting sport's premier big game cartridges. At the range and in the field, this cartridge works well with a variety of bullet /powder combinations. Our favorite powders for the .270 include 4350, 4831, and RL19.



270 Win - 100 grain

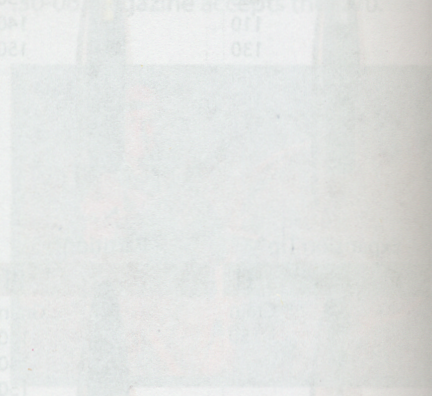
270 Cal. (.277")

MAXIMUM SAAMI O.A.C.L.			3.340"	TESTED O.A.C.L.	B.C.	S.D.
AccuBond®			AB	100gr. Spitzer	3.275"	0.323 0.186
CASE TYPE:			Nosler	PRIMER TYPE		WLR
CASE HOLDS:			64.7 Gr. WATER	BARREL Length/Make		26" Pac-Nor
				BARREL Twist		1-10"
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.		LOAD DENSITY (VOLUME)	
RL15	54.0	MAX. 3450	<div></div>		87%	
	Most Accurate	52.0 *	3324	<div></div>	84%	
	Powder Tested	50.0	3197	<div></div>	80%	
Varget	54.0	MAX. 3485	<div></div>		90%	
		52.0	3372	<div></div>	87%	
		50.0 *	3260	<div></div>	84%	
IMR 4350	60.5	* MAX. 3540	<div></div>		100%	
		58.5	3396	<div></div>	97%	
		56.5	3251	<div></div>	93%	
W760	58.0	MAX. 3554	<div></div>		94%	
		56.0 *	3448	<div></div>	91%	
		54.0	3343	<div></div>	87%	

1933, a 150-grain-shelled 0.270 in. 37. The advantages of bolt-action over lever guns were coming. New glass sights helped hunters to the 270's range.

Introduced in Winchester's 54 rifle, the .270 was a characteristically Model 70. Only the 30.06 was more popular. Of 581,471 Model 70s, before the rifle's 1963 overhaul, 122,000 were .270s. To mollify hunters wary of meat damage from early .270 bullets fragmenting upon high-speed impact, Winchester throttled a 150-grain load to 2,675 fps. It didn't sell. Solution: Bullets that ensured penetration after 3 hits. Nosler's superb Partition arrived in 1948 -- as Remington unveiled its 721 rifle in .270.

One of the shooting sports' premier big game cartridges, the .270 Winchester is clearly one of the most popular. At the range and in the field, this cartridge works well with a variety of bullet types. Our favorite .270 bullet is the 130-grain Partition. It's a 62-grain bullet with a 68-grain core. It's a 62-grain bullet with a 68-grain core. It's a 62-grain bullet with a 68-grain core.



I shot my first big game with a .270 after elk, moose, deer and pronghorn. I've used the cartridge a lot since, mostly for quail and pheasant. I've also used it with 130-, 140- and 150-grain bullets. Nosler's 130-grain Partition or 140-grain Partition are my favorites.

Dr. Wayne van Zwoll has written about rifles, loads and hunting for 45 years. He's a professional hunter and a member of the National Rifle Association. He's also a member of the National Wildlife Federation and the National Shooting Sports Foundation.

BC=Ballistic Coefficient SD=Sectional Density  
\*Most Accurate Load Tested \*\*Compressed Load  
Use Maximum Loads with Caution  
Refer to page 79 for additional safety information



## 270 Win - 110 grain

## 270 Cal. (.277")

MAXIMUM SAAMI O.A.C.L.

3.340"

TESTED O.A.C.L.

B.C. S.D.

AccuBond®

AB

110gr. Spitzer

3.275"

0.370 0.205

CASE TYPE: Nosler

PRIMER TYPE

WLR

CASE HOLDS: 64.6 Gr. WATER

BARREL Length/Make

24" Shilen

BARREL Twist

1-10"

POWDER  
TYPEPOWDER CHG.  
GRS.MUZZLE VEL.  
F.P.S.LOAD DENSITY  
(VOLUME)

H4895

48.0 MAX. 3276

82%

46.0 \* 3177

78%

44.0 3078

75%

N150

50.0 MAX. 3311

91%

48.0 \* 3212

87%

46.0 3114

84%

H380

53.0 MAX. 3343

86%

51.0 \* 3259

83%

49.0 3175

80%

Varget

50.5 MAX. 3367

85%

48.5 \* 3259

81%

46.5 3151

78%

IMR 4320

50.5 MAX. 3370

85%

48.5 3260

82%

46.5 \* 3151

78%

RL15

51.0 MAX. 3378

82%

49.0 \* 3267

79%

47.0 3157

76%

IMR 4064

51.0 MAX. 3403

87%

Most Accurate

49.0 \* 3276

84%

Powder Tested

47.0 3149

80%

IMR 4350

57.0 \* MAX. 3442

94%

55.0 3311

91%

53.0 3180

88%

W760

56.0 MAX. 3479

91%

54.0 3352

88%

52.0 \* 3225

84%

Norma 204

57.0 MAX. 3498

98%

55.0 \* 3359

95%

53.0 3220

91%



## 270 Win - 130 grain

## 270 Cal. (.277")

MAXIMUM SAAMI O.A.C.L.			3.340"	TESTED O.A.C.L.	B.C.	S.D.
AccuBond®	AB	130gr. Spitzer	3.320"		0.435	0.242
Ballistic Tip®	BT	130gr. Spitzer	3.320"		0.433	0.242
CT® Ballistic Silvertip®	BST	130gr. Spitzer	3.320"		0.433	0.242
Expansion Tip®	ET	130gr. Spitzer	3.300"		0.459	0.242
Due to internal construction differences, always begin with starting loads when using Expansion Tip® products.						
Partition®	PT	130gr. Spitzer	3.320"		0.416	0.242
CASE TYPE:	Nosler		PRIMER TYPE	Fed 210		
CASE HOLDS:	64.6	Gr. WATER	BARREL Length/Make	24" Shilen		
			BARREL Twist	1-10"		
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.		LOAD DENSITY (VOLUME)	
IMR 4320	47.0	MAX.	2928		79%	
	45.0		2833		76%	
	43.0 *		2738		72%	
H380	50.0	MAX.	2932		81%	
	48.0		2847		78%	
	46.0 *		2762		75%	
IMR 4895	46.0 *	MAX.	2960		77%	
	44.0		2870		74%	
	42.0		2780		71%	
H414	54.5 *	MAX.	3062		88%	
	52.5		2937		85%	
	50.5		2812		81%	
IMR 4350	55.0 *	MAX.	3078		91%	
	53.0		2953		88%	
	51.0		2828		84%	
Hunter	57.5	MAX.	3089		92%	
	55.5		2989		89%	
	53.5 *		2888		85%	
RL22	58.0 *	MAX.	3100		98%	
	56.0		2950		94%	
	54.0		2800		91%	
N160	55.0	MAX.	3102		95%	
	53.0		3004		91%	
	51.0 *		2907		88%	
H4831SC	59.0	MAX.	3118		95%	
Most Accurate	57.0		3010		92%	
Powder Tested	55.0 *		2903		89%	
W760	54.0 *	MAX.	3157		88%	
	52.0		3051		84%	
	50.0		2945		81%	

BC=Ballistic Coefficient SD=Sectional Density  
 \*Most Accurate Load Tested \*\*Compressed Load

Use Maximum Loads with Caution  
 Refer to page 79 for additional safety information



## 270 Win - 140 grain

## 270 Cal. (.277")

## MAXIMUM SAAMI O.A.C.L.

3.340"

TESTED O.A.C.L.

B.C.

S.D.

AccuBond®

AB

140gr. Spitzer

3.320"

0.460

0.261

Ballistic Tip®

BT

140gr. Spitzer

3.320"

0.456

0.261

Partition®

PT

140gr. Spitzer

3.320"

0.432

0.261

CASE TYPE: Nosler

PRIMER TYPE

Fed 210

CASE HOLDS: 63.7 Gr. WATER

BARREL Length/Make

24" Shilen

BARREL Twist

1-10"

POWDER  
TYPEPOWDER CHG.  
GRS.MUZZLE VEL.  
F.P.S.LOAD DENSITY  
(VOLUME)

RL15

47.0 \* MAX. 2832

77%

45.0 2727

74%

43.0 2622

70%

H414

51.5 MAX. 2838

84%

49.5 2693

81%

47.5 \* 2548

78%

IMR 4350

52.5 MAX. 2858

88%

50.5 2723

85%

48.5 \* 2588

81%

IMR 4831

53.5 MAX. 2910

90%

Most Accurate

51.5 2790

86%

Powder Tested

49.5 \* 2670

83%

Hunter

56.5 MAX. 2975

91%

54.5 2880

88%

52.5 \* 2786

85%

IMR 7828

57.5 MAX. 2977

96%

55.5 2870

93%

53.5 \* 2763

89%

H4831SC

58.0 \* MAX. 2999

95%

56.0 2886

92%

54.0 2773

88%

RL19

55.0 MAX. 3003

94%

53.0 2891

90%

51.0 \* 2779

87%

W760

53.0 \* MAX. 3020

87%

51.0 2928

84%

49.0 2837

81%



## 270 Win - 150 grain

## 270 Cal. (.277")

MAXIMUM SAAMI O.A.C.L.	3.340"	TESTED O.A.C.L.	B.C.	S.D.
AccuBond®	AB	150gr. Spitzer	3.320"	0.500 0.279
AccuBond® Long Range	ABLR	150gr. Spitzer	3.340"	0.591 0.279
Ballistic Tip®	BT	150gr. Spitzer	3.320"	0.496 0.279
CT® Ballistic Silvertip®	BST	150gr. Spitzer	3.320"	0.496 0.279
Partition®	PT	150gr. Spitzer	3.320"	0.465 0.279

CASE TYPE:	Nosler	PRIMER TYPE	Fed 210
CASE HOLDS:	62.8 Gr. WATER	BARREL Length/Make	24" Shilen
		BARREL Twist	1-10"

POWDER TYPE	POWDER CHG. GRS.	MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
<b>H4350</b>	52.0 * MAX.	2782	88%
Most Accurate	50.0	2657	84%
Powder Tested	48.0	2532	81%
<b>W760</b>	50.0 MAX.	2810	83%
	48.0	2740	80%
	46.0 *	2670	77%
<b>IMR 4320</b>	45.0 * MAX.	2818	78%
	43.0	2723	74%
	41.0	2628	71%
<b>N165</b>	54.0 MAX.	2842	96%
	52.0	2752	92%
	50.0 *	2662	88%
<b>IMR 7828</b>	57.5 MAX.	2862	97%
	55.5	2737	94%
	53.5 *	2612	91%
<b>IMR 4350</b>	53.0 * MAX.	2867	90%
	51.0	2762	87%
	49.0	2657	83%
<b>RL19</b>	55.0 MAX.	2892	95%
	53.0	2777	92%
	51.0 *	2662	88%
<b>RL22</b>	56.5 MAX.	2902	98%
	54.5	2787	94%
	52.5 *	2672	91%
<b>H4831</b>	55.0 MAX.	2905	91%
	53.0	2817	88%
	51.0 *	2728	85%
<b>MAGPRO</b>	61.5 MAX.	2918	** 101%
	59.5 *	2829	98%
	57.5	2740	94%



























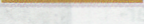
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 \*Most Accurate Load Tested \*\*Compressed Load

Use Maximum Loads with Caution  
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## 270 Win - 160 grain

## 270 Cal. (.277")

MAXIMUM SAAMI O.A.C.L.			3.340"	TESTED O.A.C.L.	B.C.	S.D.
Partition®		PT	160gr. Semi-Spitzer	3.320"	0.434	0.298
CASE TYPE:	Nosler		PRIMER TYPE		Fed 210	
CASE HOLDS:	63.8	Gr. WATER	BARREL Length/Make		24" Shlien	
			BARREL Twist		1-10"	
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.		LOAD DENSITY (VOLUME)	
<b>H4350</b>	51.5	* MAX.	2672		85%	
	49.5		2557		82%	
	47.5		2442		79%	
<b>IMR 7828</b>	57.0	* MAX.	2732		95%	
	55.0		2637		92%	
	53.0		2542		88%	
<b>RL19</b> Most Accurate Powder Tested	53.5	* MAX.	2750		91%	
	51.5		2620		88%	
	49.5		2490		84%	
<b>IMR 4350</b>	51.0	MAX.	2758		85%	
	49.0		2643		82%	
	47.0	*	2528		79%	
<b>N165</b>	52.0	MAX.	2761		91%	
	50.0		2687		87%	
	48.0	*	2613		84%	
<b>H4831SC</b>	54.5	* MAX.	2775		89%	
	52.5		2683		86%	
	50.5		2591		82%	
<b>MAGPRO</b>	60.0	MAX.	2789		97%	
	58.0		2681		94%	
	56.0	*	2573		90%	
<b>IMR 4831</b>	52.0	* MAX.	2820		87%	
	50.0		2722		84%	
	48.0		2624		80%	
<b>RL22</b>	56.0	* MAX.	2828		95%	
	54.0		2703		92%	
	52.0		2578		89%	

BC=Ballistic Coefficient SD=Sectional Density  
 \*Most Accurate Load Tested \*\*Compressed Load

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