

257 ROBERTS

Test Specifications:

Firearm Used: Savage 12VSS

Barrel Length: 22"

Twist: 1 x 10"

Components:

Case: Federal

Trim-to Length: 2.223"

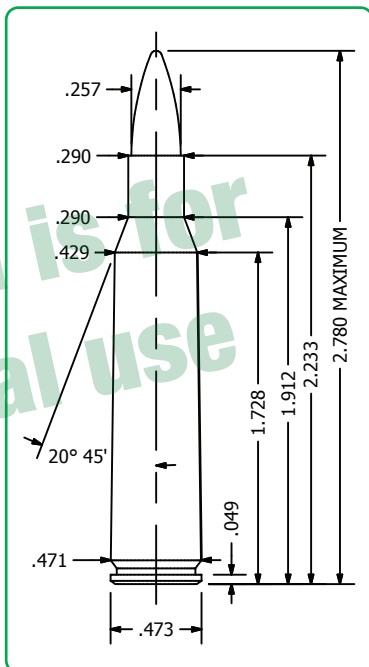
Primer: Fed. 210M

Remarks:



The 257 Roberts was another offspring of the prolific 7x57mm Mauser and was adopted by Remington in 1934. Several early wildcatters and gunsmiths were involved in the 257's preliminary development, including Griffin & Howe, Adolph O. Niedner and F.J. Sage. During this time, the case went through several variations in shoulder angle, neck length and body taper. The driving force behind all versions, however, was Ned Roberts, a well known gun writer of the 1930s. Originally titled the 25 Roberts, the round was quickly redubbed the 257 Roberts to reduce the confusion with earlier variations also known as the 25 Roberts.

While the 257 case has always enjoyed a good reputation for strength, the cartridge was underloaded in factory ammunition for decades. Bluntly profiled bullets were also used in factory ammunition, which sacrificed too much velocity at longer ranges. Reloading can easily correct both these deficiencies. In fact, famed gun writer and ordnance expert Col. Townsend Whelen regarded the 257 Roberts as one of the two best cartridges for North American big game hunting. Pushed out of the limelight when the 243 Winchester and 6mm (244) Remington came along, the 257 is still an excellent cartridge. Although a bit light for larger big game species, such as elk, the 257 is superior to any 6mm cartridge by virtue of its ability to handle the heavier 117 and 120 grain bullets.



Reloaders find the 87 grain Spitzer and the 90 grain Blitzking work well for most long range varmint shooting, while the 90 grain HPBT, 100 grain Spitzer and Spitzer Boat Tail give best results on deer sized game. All in all, the 257 is an outstanding cartridge and deserves its recent resurgence in popularity. Superb accuracy is quite normal with a 257 Roberts.



757 ROBERTS

		Bullet	Caliber	Weight	Type					C.O.A.L.
		#1600	.257"	75gr.	HP					2.700"
		#1605	.257"	70gr.	BlitzKing					2.700"
Powder	Velocity	3000	3100	3200	3300	3400	3500			
IMR 3031		36.5	37.7	38.8	40.0					
Benchmark		36.2	37.3	38.4	39.5					
BL C(2)		38.3	40.1	41.9	43.7					
IMR 4895		38.3	40.1	42.0	43.8					
Varget		40.1	40.9	41.7						
IMR 4064		38.9	39.9	41.0	42.0	43.1	44.1			
A 4064		39.5	40.5	41.5	42.5					
IMR 4320		39.8	41.0	42.3	43.5	44.7				
Viht N140		38.2	39.4	40.7	41.9	43.2	44.4			
A 2700		42.5	44.4	46.2						
BigGame		43.8	44.9	46.0						
RE 15		39.2	40.3	41.4						
H380		42.5	44.0	45.5						
A 4350		43.8	45.2	46.6	48.0	49.4				
H4350		44.2	45.5	46.7	48.0	49.2				
Energy Ft. lbs		1499	1600	1705	1813	1925	2040			
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs						
Accuracy Load	A 4350	48.0	3300	1813						
Hunting Load	IMR 4320	44.7	3400	1925						




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Bullet		Caliber	Weight	Type	C.O.A.L.		
	#1610	.257"	87gr.	SPT	2.775"		
	#1615	.257"	90gr.	HPBT	2.775"		




Powder	Velocity	2800	2900	3000	3100	3200	3300
IMR 3031		33.7	35.0	36.2	37.5	38.7	40.0
BL C(2)		34.2	36.3	38.4	40.4	42.5	
IMR 4895		35.3	36.7	38.1	39.4	40.8	
Varget		36.8	38.1	39.4	40.7		
IMR 4064		36.1	37.3	38.5	39.7	40.9	42.1
A 4064		36.7	38.1	39.5	40.9		
IMR 4320		36.5	37.9	39.3	40.7	42.1	
Viht N140		35.6	37.1	38.6			
A 2700		40.0	41.7	43.3			
BigGame				41.2	42.4		
RE 15		36.2	37.6	39.0	40.4		
H380		39.3	41.0	42.6	44.3	45.9	
Viht N150		35.3	37.0	38.8	40.5		
H4350		41.1	42.3	43.5	44.7	45.9	47.1
A 3100		43.1	44.8	46.5	48.2		
Energy Ft. lbs		1514	1624	1738	1856	1978	2103

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	Varget	39.4	3000	1738
Hunting Load	RE 15	40.4	3100	1856

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	Bullet	Caliber	Weight	Type	C.O.A.L.		
	#1620	.257"	100gr.	SPT	2.775"		
	#1625	.257"	100gr.	SBT	2.775"		
	#1628	.257"	100gr.	HPBT MatchKing	2.775"		
Powder ▾	Velocity >	2500	2600	2700	2800	2900	3000
IMR 3031		29.4	31.1	32.8	34.6	36.3	38.0
BL C(2)			33.6	35.2	36.8	38.4	
IMR 4895		31.5	33.1	34.6	36.2	37.7	39.3
Varget				35.3	37.1	38.9	
IMR 4064		31.4	33.0	34.6	36.3	37.9	39.5
A 4064				35.7	37.3	38.9	40.5
IMR 4320		32.7	34.5	36.2	38.0		
Viht N140			32.6	34.5	36.4	38.3	
A 2700		36.9	38.4	40.0	41.5	43.0	
RE 15			33.5	35.2	36.9	38.6	40.3
H380		35.4	37.1	38.8	40.4	42.1	
Viht N150		32.1	33.7	35.4	37.0	38.6	
H4350		36.1	37.7	39.3	40.9	42.5	44.1
RE 19			41.5	42.8	44.1	45.4	
H4831 SC		37.6	39.4	41.2	42.9	44.7	46.5
Energy Ft. lbs		1388	1501	1618	1741	1867	1998
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs			
Accuracy Load	H4350	42.5	2900	1867			
Hunting Load	H4831 SC	46.5	3000	1998			

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1630	.257"	117gr.	SBT	2.775"
	#1640	.257"	117gr.	SPT	2.775"
	#1650	.257"	120gr.	HPBT	2.750"

Powder	Velocity	2300	2400	2500	2600	2700	2800
IMR 3031		27.2	29.2	31.2	33.2		
BL C(2)			29.4	32.1	34.8		
IMR 4895		28.6	30.4	32.2	34.0	35.8	
Varget		29.3	31.2	33.1	35.0	36.9	
IMR 4064		28.6	30.5	32.3	34.2	36.0	
IMR 4320		27.0	29.9	32.9	35.8		
A 2700		32.8	35.1	37.3	39.6		
BigGame					37.0	38.2	
H380		30.0	32.5	35.0	37.5		
Viht N150		28.7	31.3	33.8	36.4		
H4350		33.4	35.1	36.8	38.5		
IMR 4350		31.2	33.2	35.2	37.2	39.2	41.2
RE 19		36.0	37.5	39.0	40.5	42.0	43.5
Viht N160		32.0	33.9	35.8	37.7		
A 3100		36.2	38.0	39.8	41.6	43.4	
RE 22		34.9	36.7	38.5	40.3	42.1	43.9
Energy Ft. lbs		1374	1496	1623	1756	1894	2036

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	H4350	38.5	2600	1756
Hunting Load	RE 22	42.1	2700	1894