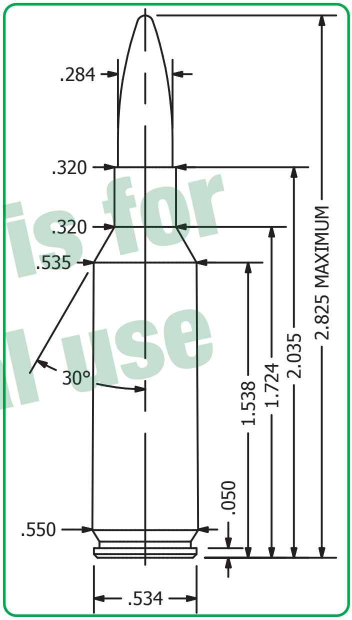
7mm Rem Short Action Ultra Mag (RSAUM)

Test Specifications:

- Firearm Used: Universal
- Barrel Length: 24”
- Twist: 1-8”

Components:

- Case: Nosler
- Trim-to Length: 2.025”
- Primer: WLRM



Remarks:

Not long after the 1999 introduction of the behemoth Remington Ultra Mag cartridges that were more or less based on the 404 Jeffery case and were gaining a bit of notoriety in the sporting press, the company began working on shortened versions to fit in the handy Model Seven bolt action rifle, and ultimately the short action Model 700.

In 2002 Remington put its Model Seven Magnum on the market, and along with the 300 Short Action Ultra Mag, the 7mm Remington SAUM’s 2.825 inch overall loaded length suited the rather lightweight rifle and its 22 inch barrel length. The 30 caliber and 7mm SAUM cartridges in a handy, easy to carry rifle, it was hoped, would compete with a growing suite of very similar “short fat” big game offerings from Winchester.

Winchester’s WSM cartridges ultimately cast a dominating shadow over Remington’s cartridges, though neither line of “short fats” truly ever dominated a market full of older, tried and true hunting rounds like 7mm Remington Magnum or 270 Winchester, to mention but a couple. Nevertheless, the 7mm Remington SAUM remains a good all around hunting cartridge, even if scarce, and these days its brass is necked down by the long range crowd to accommodate 264 inch (6.5mm) bullets.

Nevertheless, so called 140 grain 7mm hunting bullets, when shot through barrels of 24 inches, can provide velocities approaching 3,100 feet per second using powders with medium to slow burn rates. Bullets weighing up to 160 grains can provide velocities between 2,800 and 2,900 fps, thus showing the cartridges hunting niche.

Modern long range bullets with high ballistic coefficients are generally longer than traditional cup and core hunting bullets, so they often impede powder capacity if overall loaded length is kept to roughly 2.8 inches. There are, however, intrepid riflemen who use custom magazines and chamber throats to accommodate long bullets. Though this is a reasonable approach, I have never worried too much when occasionally shooting the Model Seven Magnum 7mm SAUM I picked up used a few years ago, because high ballistic coefficients alone do not kill deer, pronghorn or elk.

Lee J. Hoots, Editor in Chief, Wolfe Publishing

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

7mm Rem Short Action Ultra Mag (RSAUM)

Bullet	Caliber	Weight	Type	C.O.A.L.
 #1903	.284"	130gr.	HPBT Match	2.825"

Powder ∨ Velocity >	2900	2950	3000	3050	3100	3150	3200
A 4350		51.3	52.4	53.6	54.9	56.3	57.8
H4350	48.9	49.9	51.0	52.0	53.2	54.4	55.6
H4831sc		56.5	57.7	58.9	60.2	61.4	62.8
IMR 7828ssc	57.4	58.5	59.5	60.5	61.4	62.4	63.3
Energy Ft. Lbs	**2427**	**2512**	**2597**	**2685**	**2774**	**2864**	**2955**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	A 4350	57.8	3200	2955

Sierra does not recommend MatchKing bullets for hunting applications.

Bullet	Caliber	Weight	Type	C.O.A.L.
 #1905	.284"	140gr.	SBT	2.825"
 #1910	.284"	140gr.	SPT	2.825"
 #1912	.284"	140gr.	HPBT	2.825"

Powder ∨ Velocity >	2800	2850	2900	2950	3000	3050	3100
A 4350	48.2	49.4	50.6	51.8	53.1	54.5	55.8
H4350	47.5	48.6	49.7	50.9	52.1	53.4	54.6
RE 16			50.4	51.6	52.8	54.1	55.3
H4831sc		54.0	55.4	56.7	58.0	59.2	60.5
IMR 7828ssc	55.5	56.6	57.6	58.6	59.5	60.5	61.3
Energy Ft. Lbs	**2437**	**2525**	**2614**	**2705**	**2797**	**2891**	**2987**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	RE 16	55.3	3100	2987
Hunting Load	A 4350	55.8	3100	2987

7mm Rem Short Action Ultra Mag (rsaum)

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1913	.284”	150gr.	SBT	2.825”
	#1915	.284”	150gr.	HPBT Match	2.825”

Powder ∨ Velocity >	2700	2750	2800	2850	2900	2950	3000
H4350	46.5	47.7	48.9	50.1	51.3	52.5	53.8
RE 16			49.3	50.4	51.6	52.9	54.1
H4831sc			54.2	55.5	56.8	58.1	59.4
IMR 4955 End.		47.1	48.6	50.0	51.5	52.9	
IMR 7828ssc	53.7	54.8	56.0	57.1	58.2	59.3	60.4
Energy Ft. Lbs	**2428**	**2518**	**2611**	**2705**	**2801**	**2898**	**2997**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	IMR 4955 End.	52.9	2950	2898
Hunting Load	H4350	53.8	3000	2997

Sierra does not recommend MatchKing bullets for hunting applications.

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1920	.284”	160gr.	SBT	2.825”
	#1925	.284”	160gr.	HPBT	2.825”
	#7660	.284”	160gr.	TMK Match	3.000”

Powder ∨ Velocity >	2600	2650	2700	2750	2800	2850	2900
A 4350	46.0	47.4	48.7	50.0	51.2		
H4350	46.3	47.5	48.6	49.8	51.0	52.3	
RE 16	46.4	47.6	48.8	50.1	51.4	52.8	
H4831sc	51.5	52.9	54.2	55.5	56.8	58.0	59.2
IMR 4955 End.	49.4	50.6	51.9	53.1	54.4		
RE 23			51.5	52.9	54.3	55.7	57.1
IMR 7828ssc	53.4	54.6	55.7	56.7	57.7	58.7	
Energy Ft. Lbs	**2401**	**2494**	**2589**	**2686**	**2785**	**2885**	**2987**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	H4350	52.3	2850	2885
Hunting Load	H4831sc	59.2	2900	2987

Sierra does not recommend MatchKing bullets for hunting applications.

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

7mm Rem Short Action Ultra Mag (RSAUM)

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1930	.284"	168gr.	HPBT Match	2.825"
	#4565	.284"	165gr.	TGK	2.825"

Powder ∨ Velocity >	2600	2650	2700	2750	2800	2850	2900
A 4350	48.8	50.1	51.4	52.9	54.4		
H4350	48.0	49.1	50.4	51.6	52.9	54.2	
RE 16	48.2	49.4	50.6	51.8	53.0	54.3	
Hybrid 100V	47.4	48.6	49.8	51.0	52.3	53.5	
H4831sc	53.9	55.2	56.5	57.8	59.1	60.3	61.4
IMR 4955 End.	50.7	51.8	52.9	53.9	55.0		
N165	52.6	54.4	56.0	57.6	59.1	60.5	
RE 23	51.9	53.2	54.4	55.7	56.9	58.0	59.1
IMR 7828ssc	54.1	55.2	56.3	57.3	58.4	59.4	
IMR 7977 End.	56.9	58.0	59.0	60.0	61.0	62.0	
H1000	56.4	57.5	58.7	59.9	61.1	62.3	63.5
RE 26	54.2	55.2	56.3	57.3	58.4	59.4	60.5
Magnum	59.9	61.1	62.3	63.5	64.6	65.8	66.9
Energy Ft. Lbs	**2476**	**2572**	**2670**	**2770**	**2872**	**2975**	**3081**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	IMR 7828ssc	59.4	2850	2975
Hunting Load	H4831sc	61.4	2900	3081

Sierra does not recommend MatchKing bullets for hunting applications.

Lee J. Hoots shot this prongbuck in New Mexico shortly after of the Remington Model Seven Magnum Stainless 7mm SAUM's introduction.

7mm Rem Short Action Ultra Mag (rsaum)

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1940	.284”	175gr.	SBT	2.825”
	#1975	.284”	175gr.	HPBT Match	2.900”*

*requires 1 x 8.5” twist or faster twist

Powder v Velocity >	2600	2650	2700	2750	2800	2850	2900
A 4350	49.0	50.4	52.0				
H4350	47.6	48.9	50.1	51.5			
RE 16	49.1	50.3	51.6	52.8			
Hybrid 100V	48.0	49.3	50.7	52.0			
H4831sc	52.7	54.1	55.5	56.8	58.1		
IMR 4955 End.	50.9	52.1	53.2				
N165	53.0	54.6	56.2				
RE 23	52.2	53.4	54.7	55.9	57.0		
IMR 7828ssc	54.2	55.2	56.1	56.9	57.6		
IMR 7977 End.	57.1	58.1	59.1	60.2	61.3		
H1000	55.4	56.8	58.1	59.4	60.8	62.1	
RE 26	54.2	55.4	56.6	57.8	59.0	60.1	61.2
Magnum	59.8	61.0	62.2	63.4	64.6	65.8	67.0
Energy Ft. Lbs	**2626**	**2728**	**2832**	**2938**	**3046**	**3156**	**3267**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	H4831sc	58.1	2800	3046
Hunting Load	RE 26	61.2	2900	3267

Sierra does not recommend MatchKing bullets for hunting applications.

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

7mm Rem Short Action Ultra Mag (RSAUM)

Bullet	Caliber	Weight	Type	C.O.A.L.
 #1980	.284"	180gr.	HPBT Match	2.900"*
 #1983	.284"	183gr.	HPBT Match	3.085"*

*requires 1 x 8" twist or faster twist

Powder ∨ Velocity >	2500	2550	2600	2650	2700	2750	2800
H4350	45.3	46.5	47.8	49.0			
RE 16	46.0	47.3	48.6	50.0	51.5		
Hybrid 100V	45.8	47.1	48.4	49.7	51.0		
H4831sc	49.5	50.8	52.1	53.5	54.9	56.4	
IMR 4955 End.	46.3	47.5	49.5	52.3			
RE 23	48.7	50.0	51.4	52.7	54.0	55.2	
IMR 7828ssc	51.3	52.5	53.7	54.9	56.2		
IMR 7977 End.	54.0	55.3	56.5	57.7	58.8	60.0	
H1000		53.0	54.5	55.8	57.2	58.5	59.7
RE 26		51.9	53.1	54.4	55.6	56.8	58.1
Magnum			59.4	60.6	61.9	63.1	64.4
Energy Ft. Lbs	**2498**	**2598**	**2701**	**2806**	**2913**	**3022**	**3133**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	H4350	49.0	2650	2806

Sierra does not recommend MatchKing bullets for hunting applications.

Bullet	Caliber	Weight	Type	C.O.A.L.
 #1997	.284"	197gr.	HPBT Match	3.090"*

*requires 1 x 7.5" twist or faster twist

Powder ∨ Velocity >	2400	2450	2500	2550	2600	2650	2700
H4831sc	48.4	49.8	51.1	52.5	53.9		
RE 23	48.1	49.4	50.7	52.0	53.3		
IMR 7828ssc	50.3	51.5	52.6	53.7	54.8		
H1000	51.1	52.5	53.9	55.3	56.8	58.3	
RE 26	49.8	51.1	52.3	53.6	54.8	56.1	57.3
Magnum	55.8	57.0	58.3	59.5	60.7	61.9	63.1
Retumbo	52.0	53.4	54.7	56.1	57.4	58.7	
Energy Ft. Lbs	**2519**	**2625**	**2733**	**2844**	**2957**	**3071**	**3188**

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	RE 23	53.3	2600	2957

Sierra does not recommend MatchKing bullets for hunting applications.