

340 WEATHERBY MAGNUM

Test Specifications:

Firearm Used: Savage Model 116

Barrel Length: 26"

Twist: 1 x 10"

Components:

Case: Weatherby

Trim-to Length: 2.815"

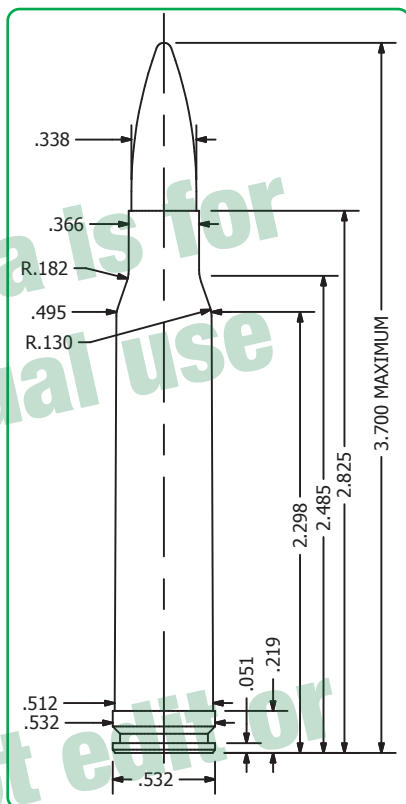
Primer: Federal 215

Remarks:


The Weatherby line of cartridges have traditionally held the reputation for producing the highest velocity in a given bore size. This may well have had some bearing on the design of the 340 Weatherby Magnum. Introduced about three years after Winchester's 338 Magnum, the 340 upholds the Weatherby family honor by producing some 100 to 200 feet per second more velocity than the Winchester offering. Based on the 300 Weatherby, the 340 case is left full length, as opposed to the abbreviated 338 Winchester. This extra length dictates the use of the longer magnum action, but this is hardly a drawback for those who want to get there "firstest with the mostest." No question about it, the 340 is an impressive performer.

The 340 is well suited to our largest big game species, such as elk and bear. It has also been used with good success against many types of African plains game. The only readily available commercial rifle currently chambered for the 340 is Weatherby's Mark V bolt action. For those wanting to go the custom route, any magnum length action suitable for the 300 or 375 H&H will handle the 340 Weatherby. As an added plus, the 340 uses a standard size bolt face, not requiring any additional modifications or proprietary action.



Predictably, the 340 Weatherby needs large doses of slow burning powder, such as IMR 4350 or Hodgdon's H4831. Our testing was done using the Federal 215. This primer was developed specifically for the Weatherby cartridges to assure proper ignition of the massive quantities of powder they consume. The 340 Weatherby, like the 338 Winchester, is a specialized cartridge. It is unnecessarily powerful for the vast majority of hunting situations, but comes into its own when the game is tough and the ranges are long. The 340 is a fine cartridge, capable of handling all but the very largest African game.



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Bullet Caliber Weight Type		C.O.A.L.						
	#2610 .338" 215gr. SBT	3.560"						
Powder ∨	Velocity >	2500	2600	2700	2800	2900	3000	3100
IMR 4320		63.0	65.3	67.6	69.9	72.2		
H380		63.0	66.0	69.0	72.0	75.0	78.0	
IMR 4350		69.1	71.5	73.9	76.3	78.7	81.1	
H4350		68.4	70.8	73.2	75.6	78.0	80.4	
RE 19		72.7	75.0	77.3	79.6	81.8	84.1	86.4
IMR 4831		72.6	74.9	77.2	79.5	81.7	84.0	86.3
A 3100		73.3	76.2	79.2	82.1	85.1	88.0	
H4831 SC			74.3	77.0	79.7	82.4	85.1	
MagPro			78.0	81.6	85.2	88.7	92.3	95.9
Viht N165		77.5	80.0	82.4	84.9	87.4	89.8	92.3
RE 22		72.9	75.2	77.5	79.9	82.2	84.5	86.8
WXR		73.9	76.4	78.8	81.3	83.7	86.2	
IMR 7828		75.8	78.2	80.6	83.0	85.4	87.8	90.2
RE 25		78.0	80.7	83.3	86.0	88.6	91.3	93.9
Energy Ft. Lbs		2983	3227	3480	3742	4014	4296	4587
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb				
Accuracy Load	IMR 4350	78.7	2900	4014				
Hunting Load	RE 25	93.9	3100	4587				


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Bullet	Caliber	Weight	Type	C.O.A.L.
	#2600	.338"	250gr. SBT	3.560"
	#2650	.338"	250gr. HPBT MatchKing	3.560"

Powder	Velocity	2400	2500	2600	2700	2800	2850	2900
IMR 4320		63.0	65.3	67.7	70.0			
H380		65.5	68.0	70.5	73.0			
IMR 4350		68.3	70.8	73.3	75.7	78.2		
H4350			69.5	72.2	75.0	77.7		
RE 19			73.4	75.9	78.3	80.8		
IMR 4831			73.0	75.5	78.1	80.6		
A 3100		72.1	74.8	77.6	80.3	83.0		
H4831 SC			74.0	76.6	79.2	81.8		
MagPro			77.5	81.6	85.7	89.8	91.9	
Viht N165		75.0	78.0	81.0	83.9	86.9		
RE 22			74.3	76.7	79.1	81.5	82.7	83.9
WXR			75.0	77.5	80.0	82.5	83.8	85.0
IMR 7828			76.6	79.2	81.8	84.4	85.7	87.0
RE 25			78.8	81.6	84.4	87.2	88.6	90.0
Energy Ft. Lbs		3197	3469	3752	4046	4351	4508	4668

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
Accuracy Load	RE 25	87.2	2800	4351
Hunting Load	RE 25	90.0	2900	4668

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Bullet	Caliber	Weight	Type	C.O.A.L.			
	#9300	.338"	300gr. HPBT MatchKing	3.600"			
*requires 1 x 10" twist or faster twist							
Powder	Velocity	2300	2400	2500	2600	2650	2700
IMR 4350		64.7	67.8	70.9	74.0		
IMR 4831		67.8	70.8	73.8	76.8		
H4831 SC		68.4	71.7	74.9	78.2		
MagPro		75.2	78.4	81.6	84.8	86.4	88.0
Viht N165		74.3	77.8	81.4	84.9		
RE 22		69.0	72.0	75.0	78.0	79.5	
WXR		70.8	73.6	76.4	79.2	80.6	82.0
IMR 7828		69.0	72.6	76.1	79.7		
RE 25		74.4	77.6	80.8	84.0	85.6	
Energy Ft. Lbs		3523	3836	4163	4502	4677	4855
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb			
Accuracy Load	RE 22	78.0	2600	4502			
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>							

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