

378 WEATHERBY MAGNUM

Test Specifications:

Firearm Used: Weatherby Mark V

Barrel Length: 26"

Twist: 1 x 12"

Components:

Case: Weatherby

Trim-to Length: 2.900"

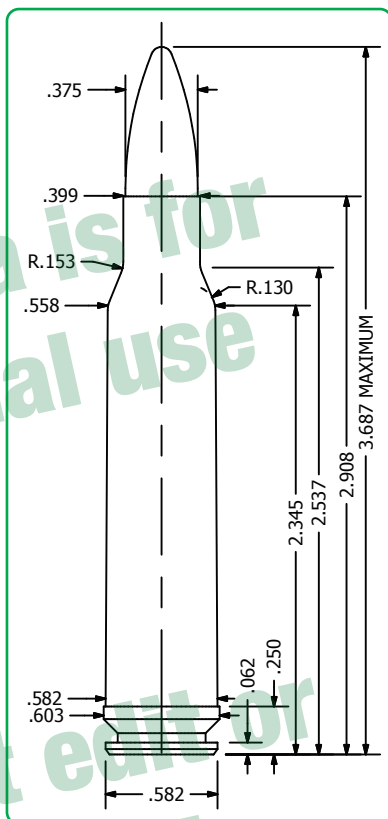
Primer: Federal 215

Remarks:


The 378 Weatherby is one of the largest, most potent of the Weatherby cartridges. An original design, the 378 is not an evolution of an earlier, existing case. Roy Weatherby initially chambered a cartridge called the 375 Weatherby, which was an improved version of the classic 375 H&H Magnum. The 375 failed to show enough improvement over the parent case however, prompting Weatherby to introduce the 378 in 1953. With its increased capacity, the 378 delivers a solid 300 fps more than the older Holland & Holland magnum. The 378 case was later used to develop the powerful 416 and 460 Weatherby Magnums.

As expected, recoil from the big Weatherby is stout. Handloading for the 378 allows the use of reduced loads for less demanding applications, and offers a great deal of versatility. By using reduced loads and progressively increasing the charge weights, shooters unaccustomed to heavy recoil may gradually build up a tolerance to this potent round.

With its considerable case capacity, the 378 is well served by powders commonly associated with magnum cartridges. Hodgdon or IMR 4831 give excellent results. With its high ballistic coefficient, the 300 grain Spitzer boat tail at 2900 fps is an extremely flat shooting combination. For larger African plains game, the 378 is powerful medicine. As with the other large Weatherby cartridges, we strongly suggest using only Federal 215 primer. The 378 is an impressive performer against some of the largest and most dangerous game in the world. It is not for everyone, but for those who can handle it, the 378 can be a very versatile cartridge.



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Bullet Caliber Weight Type						C.O.A.L.
	#3000	.375"	300gr.	SBT		3.680"
Powder	Velocity	2600	2700	2800	2850	2900
IMR 4320	88.3	91.1				
IMR 4350	95.2	98.3	101.4	103.0		
IMR 4831	98.5	101.8	105.1	106.8		
H450	102.4	105.6	108.8	110.4	112.0	
H4831	103.0	105.8	108.6	110.0	111.4	
H870	119.5					
Energy Ft. lbs	4502	4855	5222	5410	5601	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	H4831	110.0	2850	5410		
Hunting Load	H4831	110.0	2850	5410		

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