## THE ACCURATERELOADING.COM BIG BORE FORUMS



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223 Remington
1:12 Twist Rate
1/11/2012
40 Raptor No Tip
Muzzle Velocity 3502 fps
48 Yd Impact Velocity 2961 fps
Retained--17.5 grs
2" Shear Blades 5-6 Inches
Good Trauma



223 Remington
1:12 Twist Rate
1/11/2012
40 Raptor A--Tip
Muzzle Velocity 3569 fps
48 Yd Impact Velocity 3303 fps
Retained--17.25 grs
2" Shear Blades 5-6 Inches
Excellent Trauma
X3--12 Inches
X1--13 Inches
X1--13 Inches

For those that have the 1:7 to 1:9 twist barrels the 50 Raptor is a hot ticket.





Trauma inflicted was excellent. Of course not like a big bore, but for a 223 it would be very impressive. Terminals were DEAD ON CONSISTENT-- Shear at about 2 inches as normal, blades hanging rather close to the center wound channel to 4-6 inches, all working together to provide this trauma. All penetration of the remaining bullet dead straight forward, a few found just slightly cocked one way or the other, but that is norm too right at the end of penetration. No veering off, and no tumbling or turning. Typical #13 Performance, Excellent!

With the experiences I know some of my guys have had around home here with other BBW#13s and Raptors, Sam's experiences with them included, on deer sized animals, I would have no issue at all recommending these for those of you using 223s on this size animal and down. When it comes Mercedes turn at impala and such, this will be an EXCELLENT CHOICE, and the only one I would choose for such an insist of such and such as the such a

My recommend to CEB is to Make these Production Run Standards for the .224s! They are both "Good To Go" in my opinion!

Michael and this weeks trusty Test Assistant Meplat!

(Which he is turning out to be an excellent Lab and Test Assistant--Even SWEEPING the Range Floor yesterday)

The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List! Live Outside The Box of "Conventional Wisdom"

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008

CCMDoc One of Us



posted 12 January 2012 15:00

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## Excellent

That's the ticket and now just need to get her the lightest, handiest bolt action .223 for a lefty that I can find.

Turning out to be tougher than I thought.

NRA Lifer; DSC Lifer; SCI member; DRSS; AR member since November 9 2003 STILL waiting for my Taksdale double or a refund

Don't Save the best for last, the smile for later or the "Thanks" for tomorow

Posts: 3448 | Location: In the Shadow of Griffin&Howe | Registered: 24 November 2007

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posted 12 January 2012 15:11

Excellent work, Michael.

I ran your velocity figures into some formulae and came up with the following BC's:

40 grain BBW #13, NO TIP, BC 0.082 40 grain raptor, talon tip, BC 0.177

The results look good for a ballpark figure, there is internal consistency. With these little pellets the talon tip approximately doubles the BC.

That being said, it should be pointed out that the little bullets for a .223Rem or even faster catridges have a rather low BC, even with the talon tip. For the 50 grainer at 3400fps, a 10 mph Wind drift at 300 yards is over a foot (13"), and the bullet drops below 2000 fps just a few yards past 300 yards (325). The 40 grain bullet has even more wind drift at 300 yards, 14.6" sideways.

Anyone shooting with any wind should probably limit things to 200 yards, or plan on a larger calibre with better BC. That's why they invented 270 Winchesters and 243 Winchesters, and their sisters. Now most of the time that I'm walking a forest, I enjoy a slight breeze in the face for comfort. So a person needs to look at the big picture. Certainly, sitting in a treestand and shooting within 100 yards will be deadly with these little things.

PS: I'm not against the .224". 25+ years ago my son probably shot about 15 oribi and quite a few spurwing geese with a .222Rem. When he was 11 we graduated him to a 270 which he liked a lot better. The cob, warthog, and hartebeest joined the oribi in rueing that day.

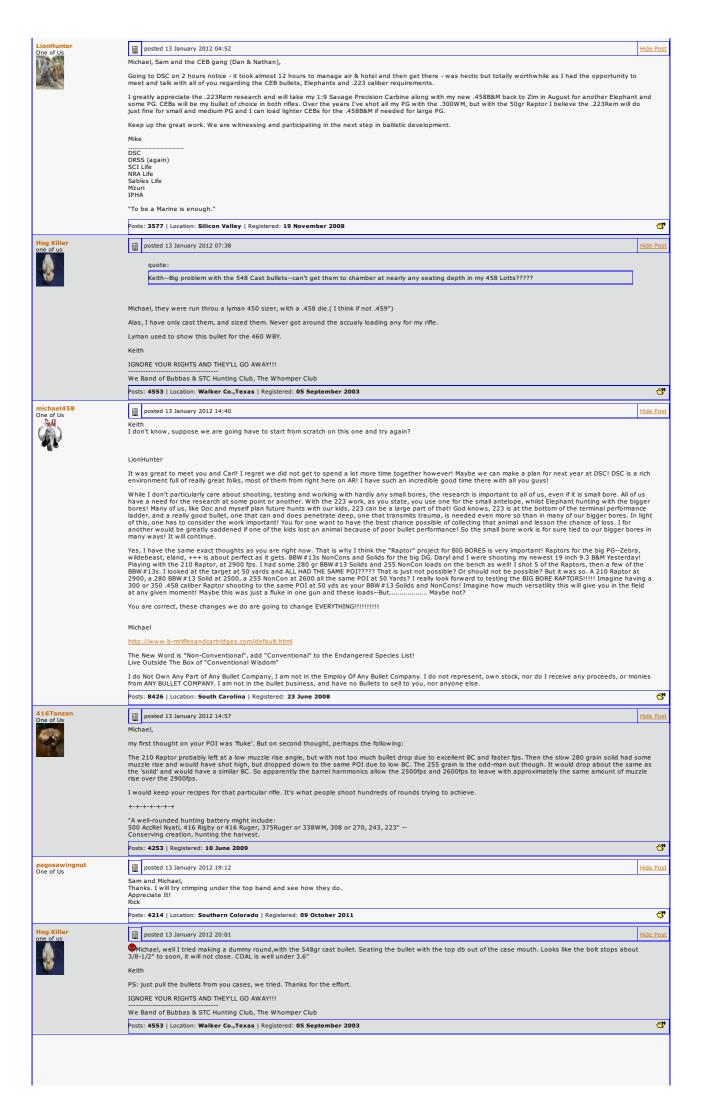
"A well-rounded hunting battery might include: 500 AccRel Nyati, 416 Rigby or 416 Ruger, 375Ruger or 338WM, 308 or 270, 243, 223" -- Conserving creation, hunting the harvest.

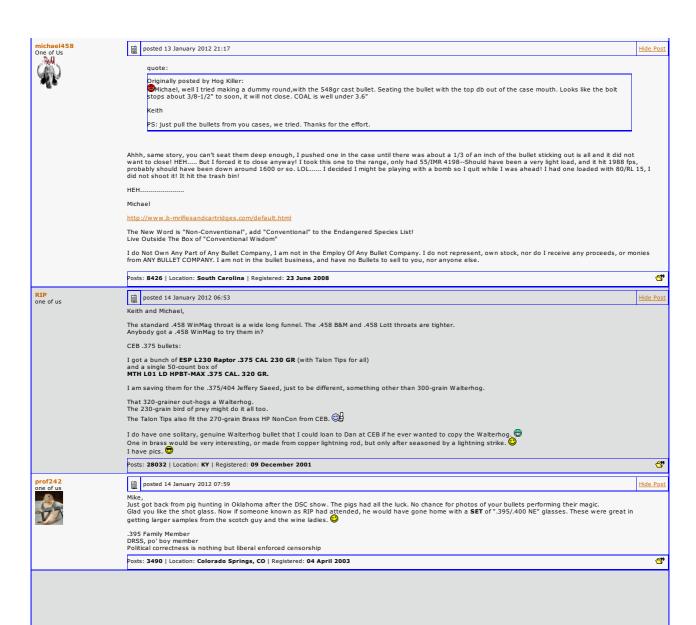
Posts: **4253** | Registered: **10 June 2009** 

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RIP one of us

posted 14 January 2012 08:28

Max,
I still have the ".395 CAL./ RON" etched double-shot glass,
I still have the ".395 CAL./ RON" etched double-shot glass,
It is the only glass fit for my Buffalo Trace bourbon from Kentucky, and that is as good as it gets, IMHO. I want not.
Cheers



Doom stick One of Us

posted 14 January 2012 22:08

RIP
Would love to see how the 375 Raptors work in your guns. 600 yard big bore pronghorn or PD bullet!

577 BME 3"500 KILL ALL 358 GREMLIN 404-375

\*we band of 45-70ers\* (Founder) Single Shot Shooters Society S.S.S.S. (Founder)

Posts: 27557 | Location: Where tech companies are trying to control you and brainwash you. | Registered: 29 April 2005

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posted 14 January 2012 23:25

of boom stick,
Hoping to report back on this soc

boom stick,
Hoping to report back on this soon,
I may be limitled to 300 yards at the local range, but there is 600-yard capability if local "regulators" ever allow it.
Will be trying the 230-grain ESP Raptor to see what the accuracy and BC are like at ultra velocity.

Just a refresher on the 270-grainer with tip:

## quote:

Originally posted by michael458:
OK for all you HI BC and BBW #13 fans. Remember, above I corrected the statement on the 375 HH. It was NOT 3.600 with the tip installed---3.600 before tip, with makes it long for magazine.

This option for the BBW #13 NonCon is just that, an option for you to have something in your pocket for that long range 300 yd or 400 yd shot with the same BBW #13. Most ALL Of them are going to be magazines in the bolt guns, as the BBW #13 NonCon is first and foremost a Dangerous Game bullet, and has already been designed to fit in the magazines WITHOUT the tip. It will be KIT form, put your to have in your belt, pocket or wherever for that longer range opportunity that you might run across while hunting buffalo or such! That is all it is for, nothing more.

think if you wanted a Hi BC bullet specific for more full time use, you need to have one designed by Dan for that purpose, much like RIP and Max did for their .395s recently.

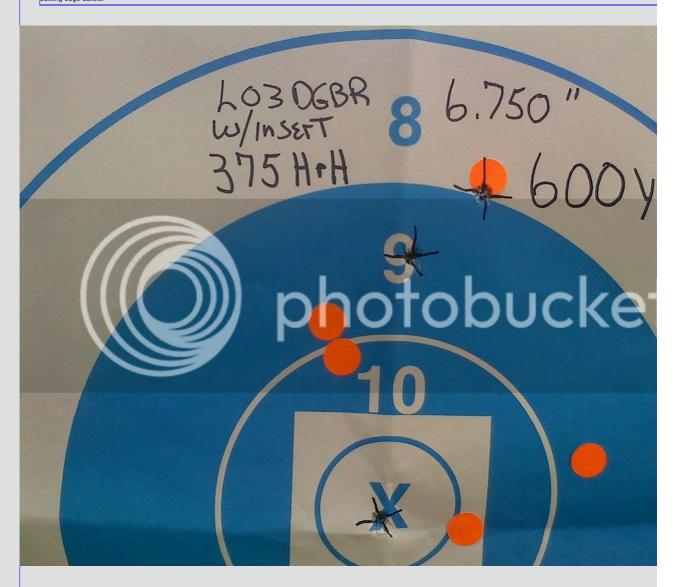
While I am glad to help out with this, and of course I will keep some tips on hand for you guys, I have little actual interest in them personally. I LOVE THE #13 NonCon just like it is! Sam and I will be wor tweak the tip, and get it right for terminals and such over the next week or so. Right now, preliminary results show that the tip does change the dynamics of terminals. So I will be looking at that first. So is needed, but probably not much.

As for raising the BC---No doubt it does in fact. Accurate, like always, absolutely. This is target that Dan sent to me last night shot with the 375 #13 NonCon at 600 Yards! And Dan's comments;

## quote

Trapper shot 3 three shot groups at 600 yards with the tipped .375 bullets. 7.25°, 7", and 6.75". Not to shabby for a #13. BC still maintained between .500 and .530. We will confirm through the 4

Dan Smitchko Cutting Edge Bullets





Posts: 28032 | Location: KY | Registered: 09 December 2001

boom stick One of Us



posted 14 January 2012 23:42

Well they say close is for horse shoes and grenades and I would add non cons and Raptors  $\ensuremath{\Theta}$  They leave a nice area of damage.

577 BME 3"500 KILL ALL 358 GREMLIN 404-375

\*we band of 45-70ers\* (Founder)
Single Shot Shooters Society S.S.S.S. (Founder)

Posts: 27557 | Location: Where tech companies are trying to control you and brainwash you. | Registered: 29 April 2005

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