

This topic can be found at:

<https://forums accuratereloading.com/eve/forums/a/tpc/f/4711043/m/2861098911>

Hog Killer

17 December 2011, 22:03

Terminal Bullet Performance

Weel Michael, after 5-10 minutes of waiting on my dail-up, I gave up as the page was still blank. 🙄

Keith

IGNORE YOUR RIGHTS AND THEY'LL GO AWAY!!!

We Band of Bubbas & STC Hunting Club, The Whomper Club

michael458

17 December 2011, 22:18

quote:

Originally posted by Hog Killer:

Weel Michael, after 5-10 minutes of waiting on my dail-up, I gave up as the page was still blank. 🙄

Keith

Hmmm, I just tried it, took 4 seconds! I see its running a little slow on my end as well!



HEH...

Email me for the data if you want, michael458@earthlink.net, no porn and junk mail! LOL....., wait, forget about the porn, go ahead and send that!

M

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

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I Bin Therbefor

18 December 2011, 02:31

quote:

Originally posted by michael458:

IBT

Well, let's see 9.3 B&M. OK, the one I have here is going to Africa, it is going to be Andrews plains game rifle. I intend to have him loaded down with 9.3 Raptors as the main #1 bullet to do everything with, it should serve great in that capacity. He will be loaning it out to clients that come with no rifle as well.

The Ultimate Gunkote rifle went to my buddy in Ohio, and he won't send it back?

Brian is finishing up a new stainless rifle, and it is going to Wes for a super duper turkish blank he has.

I am looking for new 9.3 Raptors any day, maybe next week. I changed the weight from 220 down to 210. Raptors are funny critters! Michael

Humm. A 210 gr 9.3 Raptor could end up at about 2700fps. With a proper sight in, that would mean point blank aiming at any reasonable plains game range - i.e. - up to 250yds.

Very interesting - a camp gun with mild recoil, very dependable, easy to point and point blank aiming!

Also, an emergency DG "HUNTING" rifle, legal in Africa.

IBT 🤔🤔🤔🤔

conditionone45

18 December 2011, 10:10

Michael,

I found your results for the .458 Winchester Magnum very interesting. As you know, I settled on AA2230 for my rifle after testing several powders.

I was particularly interested to see just how much real world difference there is between the Win Mag and the Lott. As you might recall, I commented to you that if I had it to do over again I would choose the Lott for the greater case length but that for now, the .458 Win Mag was able to do everything I wanted it to do. Looking at your data I would still stand by that statement with the caveat that I have only used in on some Cape buff, and not on elephant. The .458 Win Mag is, in my view, a very effective DG cartridge. I can see that the Lott has a velocity advantage but I don't see it as large enough to fill me with a desire to build a new rifle in .458 Lott.

I hope the AA2230 loads for the NonCon HP's were as accurate in your rifle as they are in mine.
Jay

"The government cannot give to anyone anything that it does not first take from someone else."

416Tanzan

18 December 2011, 11:27

quote:

Originally posted by conditionone45:

Michael,

...

The .458 Win Mag is, in my view, a very effective DG cartridge. I can see that the Lott has a velocity advantage but I don't see it as large enough to fill me with a desire to build a new rifle in .458 Lott.

...

Jay

You don't need a rebuild. You could rechamber your Winnie into a Rigby, 450 Rigby would give you some serious velocity increase options. Same tube, same rifle, rework the boltface and extractor, widen the rails.

Enjoy.

Yeah.

+ + + + +

"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.

michael458

18 December 2011, 14:57

quote:

Originally posted by I Bin Therbefor:

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Very interesting - a camp gun with mild recoil, very dependable, easy to point and point blank aiming!

Also, an emergency DG "HUNTING" rifle, legal in Africa.

IBT



IBT, I mentioned this on the B&M thread, but the new rifle I have coming in 9.3 B&M has a 19 inch barrel, I must have split the difference when I sent it to Brian. I can't remember crap these days! I just got the invoice, 19 inch barrel, I had forgot.

I am pretty sure I can beat 2700 fps with the 210 Raptor and stay under max. Running a 250 at 2700 in 20 inches, under max pressures. But, the Raptor is long so we will see. Raptor is for sure the Big Dog do nearly anything for this rifle/cartridge. Back it up with a few of those 280/255 BBW#13s, hammer down for a rat gun.

M

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michael458

18 December 2011, 15:13

quote:

Originally posted by conditionone45:
Michael,

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I was particularly interested to see just how much real world difference there is between the Win Mag and the Lott. As you might recall, I commented to you that if I had it to do over again I would choose the Lott for the greater case length but that for now, the .458 Win Mag was able to do everything I wanted it to do. Looking at your data I would still stand by that statement with the caveat that I have only used in on some Cape buff, and not on elephant. The .458 Win Mag is, in my view, a very effective DG cartridge. I can see that the Lott has a velocity advantage but I don't see it as large enough to fill me with a desire to build a new rifle in .458 Lott.

I hope the AA2230 loads for the NonCon HP's were as accurate in your rifle as they are in mine.
Jay

Jay

Thing is I never pushed any of these loads, they are neither minimum nor maximum. Just a load I picked, never went any further than that. I will leave that to you guys to either push them, settle with them, or go down with them, depending on your rifle, powder and other factors. In the 24 inch barrel 458 Win it is no issue at all to top 2300 fps with the 450 BBW#13 Solid and 2350 with the 420 BBW#13 NonCon. This combo is deadly on buffalo. The 450 BBW#13 Solid has zero issue with elephant or hippo, and at these velocities will just hammer and drill. This combination is way beyond, "adequate", I see no reason at all to have more? Yes, more gives you more, but how much more is "Required"? No more is "Required" to accomplish mission, and accomplish far beyond "adequate".

The only thing the Lott gives you is some extra velocity in the same size gun, but it most certainly is not required.

This is where Tanz and I part company on the issue. First, I don't think its an easy conversion for a Winchester to go to Rigby size case, if it was simple, I would have had it done by now. It is a rather complicated issue, and no guarantees for full function on a Winchester. Retaining in the magazine is a bitch with a Winchester. I am no gunsmith and don't claim, nor desire to know how or why. Hand me a rifle, let me go shoot, and it's gotta run. No one can promise me after spending much time and \$\$ they can make a Winchester run the way I want it and require it to run with the big cases. Jim (Capoward) and I have investigated this even with some others beyond Brian at SSK. Same story. It's not a simple or guarantee process just to go from the HH case to the RUM case, much less to a Rigby.

Now, if it can't be done within reason on the Winchester, you have to move to a much larger, bigger, ugly looking, heavy, cumbersome, LONG thing to get that done. Yep, gives you more of everything, and way more rifle than I am going to deal with in the bush.

Other than that, Tanz and I are spot on across the board! But he has this thing for that Rigby case, and I have this thing for my tiny little B&M cases, but, my rifles are about 1/2 the size of Tanz rifles too! HEH HEH..... That's ok, when Tanz grows up and gets old like me he won't want that big beast of a rifle anymore, he will be looking for something easy to tote around too, and still be on the "Far Side of just Adequate"! HEH.....

Michael

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416Tanzan

18 December 2011, 15:28

quote:

M:
Other than that, Tanz and I are spot on across the board! But he has this thing for that Rigby case, and I have this thing for my tiny little B&M cases, but, my rifles are about 1/2 the size of Tanz rifles too! HEH HEH..... That's ok, when Tanz grows up and gets old like me he won't want that big beast of a rifle anymore, he will be looking for something easy to tote around too, and still be on the "Far Side of just Adequate"! HEH.....

Michael

Well, I hope to see my lil' 500 AccR the next time i'm in the USA. It wasn't ready in time this month. Surprise, surprise. But it should weigh under 9 lb with a scope. I expect to like it, though with these light rifles one can always add a mercury stick in the stock if weight is wanted. I'm thinking, not. But we'll see. I do plan to load the 500 AccR to the far side of adequate, or even less, say down to 6500-7000 ftlbs. Even the 450 Rigby can do more than that, so maybe my expectations are getting soft. Anyway, the test loads are waiting on the new barrel and rig in a 'little Ruger Alaskan'. And thanks to Jeff Smith for helping with the dies.

Ah, that Rigby case. But the 500 AccR takes 1/4" inch off the length. Yep, soft I am. You must have me confused with Ron's Mbogo, now that has some potential, but really does want a heavier gun to let it strut its stuff.

+++++

"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.

michael458

18 December 2011, 15:55

Tanz

You made an excellent choice in Jeffes 500 AR. There is only a couple of reasons I don't have one! #1, it's not too easy to put on a Winchester M70, so you are using the Ruger, and nothing wrong with that, but all ya'll know how I am about that. It's Winchester or nothing for me. #2 It's not a B&M. And while I support Jeffe 110% and I know what all his cartridges are capable of, hell I am the B&M guy, I have to hunt with what I developed, just the same as Jeffe has to hunt with what he developed. So even though I recommend if anyone wants a 510, Jeffe has the very best one of them all on the market. Had I known about his 500 AR at the time I built that big stupid ass 510 wells, "Wells" I would not have the "Wells" I would have had Jeffes AR zero doubt about it. I think the 500 AR is Jeffes "Shining Star" as far as the ARs go. I know he likes the 470 and 458, and they are great, but the 510 is to my mind his "Star of the Show". And pal, you don't need high velocity when you touch that .500 + mark. You would be AMAZED at what caliber does for you! I could live with Jeffes 500 with good BBW#13s at 2100 fps forever, and never once, not ever, come up short! One could take the 570 BBW#13 Solid and it's matching 535 NonCon, and rule the world and never worry about busting 2200 fps. Good 18-20 inch barrel and rock on, and hammer down! You made an excellent choice, just remember, you can do anything, caliber makes up a lot for velocity, and enjoy that little rifle!

Michael

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2RECON

18 December 2011, 18:59

Preparing for Christmas....

got a few bottles of finest Brunello from Italy, a beautyfull bottle of Single Malt (Iysla) from Scotland and enough food for a hungry platoon, but most important, a pack of 500page paper and a complete set of ink for my printer.

That one is seriously buisy.
Started printing the 212 pages of michael's developments some time ago.
This i'll take to the fireplace and enjoy in the silent days comming. REALY looking forward.

Best
2RECON

boom stick

18 December 2011, 22:04

It will be confusing at first with all the posts Alf erased. Shame he did that.

[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)

416Tanzan

19 December 2011, 00:08

quote:

M:
Tanz

You made an excellent choice in Jeffes 500 AR.

Thank you for the support as I venture into my first wildcat.

I do like the Rigby case as a base when it comes to 500. It provides a slight bottleneck. But that is just a personal like. My biggest decision came between the 500 AccR and the 49 Tornado, its ballistic twin. Basically it boiled down to easier brass preparation and brass expense. The 500 AccR was already available at Quality Cartridge brass while the 49 required more prep or expense. My goal was not to build a wildcat but to build a solid 500 at the lowest reasonable price. If a factory load were available for this I would have probably gone that route. In 458 I would have opted for a Rigby, or at least a Lott sized capacity.

Since I don't yet have the rifle in hand and shooting, I can't say for sure, but it looks to be about \$1500, including rifle, barrel, chambering, feeding, sights, and 'extended' scope rings for a short scope (Nikon Slughunter). The scope, case, brass, bullets, etc. are extra.

A minor concern was the bullet selection between .500" and .510". The B&M line has changed the playing field on this. Previously, the .500" were basically handgun and lever bullets, but you have changed that in your work with CEB and Northfork, et al. Nevertheless, the .510" is still the standard diameter for rifle bullets and I decided to go with the 'rifle standard'. As long as CEB makes .510" Raptors, and everything points in that direction, then we will all be happy. Likewise, .505" seemed a little too specialized a bullet diameter, though I expect to see Raptors for the Gibbs folk, too. I would have been happy with 49, 49.5, or 50 calibre. I trust that the hartebeesties and buffalo will agree.

+ + + + +

"A well-rounded hunting battery might include:
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Conserving creation, hunting the harvest.

chuck375 **19 December 2011, 00:36**

I'm happy with my CZ in 500 Jeffery, but it was a bit of a project to get it to function flawlessly. I'm reloading some 570g TSX's and A-Frames today at 2150 fps and 2300 fps, hopefully get to the range later in the week. If the A-Frames shoot well (the TSX's already do) decisions, decisions ...

Got some CEB 570g BBW#13s in this week too. Any recommendations with starting loads using H4895? Do these tend to run at lower or higher pressure than the TSX's or A-Frames?

Thanks!

Regards,

Chuck

"There's a saying in prize fighting, everyone's got a plan until they get hit"

Michael Douglas "The Ghost And The Darkness"

michael458 **19 December 2011, 01:28**

Tanz

Ya Did Good, no worries there. Truth is, even in .510 there was or is I suppose the Barnes bullets, Woodleighs--All soft for .510 over 2100 fps, the cheap hornadys. North Fork has a .510, and of course the BBW#13s.

Barnes is a bunch of traitorous bastards now! Woodleigh Softs are great, 2100 fps and less. It would be North Fork and BBW#13s for me of course.

Chuck, oh yes, I forgot Swifts, should be great.

For the BBW#13s, use the same loads you use for the TSX or Swifts, they will actually be less pressure because of the bands. Probably more velocity as well.

Michael

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chuck375 **19 December 2011, 01:45**

Thanks Michael!

Regards,

Chuck

"There's a saying in prize fighting, everyone's got a plan until they get hit"

Michael Douglas "The Ghost And The Darkness"

Todd Williams

20 December 2011, 05:41

Just wanted to put in a good word for the guys at CEB. On Saturday, I excitedly received a package of CEB bullets! 2 Boxes of .510 Non-Cons, 2 Boxes of .510 BBW#13, and a box of 9.3 BBW#13s.

Upon opening all of them, one of the .510 Non-Con boxes only had 15 instead of 18 bullets. A quick email was answered just as quickly with notice that an entire new box of bullets is on the way.

I actually only wanted the additional 3 bullets with no need for an entire new box. But I certainly appreciate the quick customer response and professional way of handling my little problem.

I guarantee I will order enough bullets from them going forward that the extra 15 will be paid for!

Good guys over there at CEB! Good bullets too!

capoward

20 December 2011, 07:10

 +1

Jim 

"Life's hard; it's harder if you're stupid"

John Wayne

michael458

21 December 2011, 01:32

quote:

Good guys over there at CEB! Good bullets too!

I don't associate myself with anyone but the "Good Guys"! HEH.....

We are lucky as hell to have Dan! He has his share of \$\$ put into this thing, with all the things I put him through to get these BBW#13s just right! As I recall several generations of bullets to get the current versions! Never once did he complain, he kept on tweaking right along with Sam and I! He stayed the Course! Thanks Dan!

Now, I went down to the mail box this afternoon. The mail had not yet run, but there was a little baggy of bullets in the box??? WTF? Hmmmmmm? Now many of you guys do send things in the mail, but not normally just in a plastic bag, no address, no note, no nothing, just a plastic bag, with 12 308 caliber Hornady RN Solids???? Nothing else? I am wrestling with my brain, and it takes a bit, but I think a little Byrd dropped by this little package today!

This little Byrd should have stopped in for a visit!!!!!!!!!!!!!!

Ohhh, Baxter?????

HEH HEH.....And I thought my brain was totally lost in space! Ya see, I can still remember some things, not many, but some.

Michael

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michael458

21 December 2011, 01:49

Probably next week we will be back in "Test Mode" again. I hear there are some new improved Raptors that are being done right now, and should maybe be in my hands by the weekend! Of course, it is going to be a busy weekend I think and I have serious doubts of any serious test work going on.

But next week is a different story, I told all my guys that I have quit my job! Yep, I quit! At least until next year! Also told them to go find something else to do other than aggravate hell out of me until Mid January!

New bullets--On the way! Also I am told there is a little "Christmas Surprise" in with this shipment? Hmmmmmm? I am thinking it might be some Medium Bore Raptors? Maybe some big bore Raptors?? I don't know?

M

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BaxterB

21 December 2011, 02:27

quote:

This little Byrd should have stopped in for a visit!!!!!!!!!!!!!!

Ha!

IF I could have I would have but I ain't got the wings to get there and back by Christmas!

Looking forward to the "Vintage 30-06 220 Solid, ala Hemingway, Mrs. O'Conner, bullet test." Either we know the outcome already or we re-write the previous 211 pages! Ha!

boom stick

21 December 2011, 02:40

Maybe he got the 9,3s done for you.

Or perhaps the .500 or 458.

Why would anyone shoot round nose 308s when there is an incredible 308 Raptor 😊

Is it me or are the non cons a new category of bullet. Soft, solids, expanding mono metals and now Multi Terminal Projectile bullets.

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)

BaxterB

21 December 2011, 03:04

quote:

Why would anyone shoot round nose 308s when there is an incredible 308 Raptor

No that we would now but they DID in the 'good old days.' Thought it would be fun to see how they stood up after all these years.

The Raptors are stinking wicked, flat-out touched-by-the-hand-of-the-Devil wicked!

boom stick

21 December 2011, 03:24

quote:

Originally posted by BaxterB:

quote:

Why would anyone shoot round nose 308s when there is an incredible 308 Raptor

No that we would now but they DID in the 'good old days.' Thought it would be fun to see how they stood up after all these years.

The Raptors are stinking wicked, flat-out touched-by-the-hand-of-the-Devil wicked!

Yes was just teasing you a bit.

Diablo Pájaro bullets!

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)

BaxterB

21 December 2011, 03:30

quote:

Diablo Pájaro

Exactamente! Mwuh ha ha ha ha....

michael458

21 December 2011, 14:30

quote:

Originally posted by BaxterB:

quote:

Why would anyone shoot round nose 308s when there is an incredible 308 Raptor

No that we would now but they DID in the 'good old days.' Thought it would be fun to see how they stood up after all these years.

The Raptors are stinking wicked, flat-out touched-by-the-hand-of-the-Devil wicked!

Back in 2003 my buddy went with on a little quick RSA shoot, he was using a 30/06, mostly shooting pigs and things like that along with the occasional zebra or wildebeast. I love shooting wildebeast, they are tough, and just look like mini buffalo to me. I had some Hornady 220 Softs that I had loaded for him at nominal 2400-2500 fps as I recall. I don't remember doing a test on them before hand, but I figured it's the mighty 220 .308, it has to do very good. Actually I was very disappointed with the lack of animal reactions, we recovered bullets on broadside pigs, and not big pigs either. Lost about 1/2 the weight, but they did hold together. Just not much to them.

Baxter, did Charlie drop these bullets in the box? If so, wish he would have come on in for a visit!

Michael

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BaxterB

21 December 2011, 20:56

quote:

Baxter, did Charlie drop these bullets in the box? If so, wish he would have come on in for a visit!

Well...now there's a mystery!! In point of fact the bullets were in the flat rate mailer that the book was in! So you are saying the book and the bullets made it there on different days?!?! How odd!! Was the mailer damaged at all? And it was still in the flat rate mailer, right? Maybe they fell out of the top and the mailman noticed them on the ground the next day or something. Who knows!

For sure if it had either been me or my dad I would have called first and definitely stopped by for a bit. Don't have an explanation as to how they got separated from the book, but they did! Weird!

boom stick

21 December 2011, 22:51

Aliens needed them for probing experiments.

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)

Rob H

22 December 2011, 01:14

I can picture the mailman finding an unmarked baggie of bullets in the bottom of his truck that night when pulling back into the post office and saying "Dang, these must be Micheal's!"

Your reputation must proceed you Michael!

capoward

22 December 2011, 01:16

quote:

Originally posted by Rob H:
I can picture the mailman finding an unmarked baggie of bullets in the bottom of his truck that night when pulling back into the post office and saying "Dang, these must be Michael's!"
Your reputation must proceed you Michael!



I was thinking the same thing!

Jim

"Life's hard; it's harder if you're stupid"
John Wayne

Alasken-Oz

22 December 2011, 01:32

Alasken-Oz back here for a tempting 'sneak peak' of what will be coming in late January..... How about a 22", 50 B&M on a stainless Ruger Hogue-stocked Alaskan! SSK is building it right now, with a Pac-Nor 1-10" twist. Michael gave me some flack about the 22"- I find the factory 20" felt just a wee bit to short for me, at 6' 2"(it was a 416 Ruger which shot NonCons and solids into cloverleaves at 50 yards). I think Michael may be 'miffed' at me for the 22"... and that I did not use a Winchester. "Winchester this, and Winchester that"... now we can read about the 50 B&M in a gun most can readily obtain (or already have) and convert to the 50! He was very gracious though, and after I kept explaining that a 22" for a 6' 2" guy... was like an 18 or 20 inch barrel for 'shorter folks', he thought the comparison would be good, AND my Ruger can take cartridges up to 3.350" vs only about 3.1 in a 'Whinney'. ----- Comparison is good- how boring if there were only tall, slender blondes?!?!? Now we will have something new that shoots the 50 B&M. Michael even offered to help me by sending 'most anything' to help, including a rifle or two. It will get published in Europe (where I write) but also in the US for sure. I also will be testing some 440-grain hard cast, gas checked bullets from a Lee mold- to be cast up this weekend. I bet I can get Michael to test a few in his media for performance... as back in 2001 I got OVER six-feet of penetration in a MONSTER eland in Zimbabwe, shooting a 525 LBT from my Wild West Guns, 1895 Marlin in .50 Alaskan. That's it for now... I will update when I get the rifle from SSK and start shooting it.

srose

22 December 2011, 01:45

I built my 416 B&M with a 22 inch just because I liked the way it felt. Can always cut it later. Michael and I compared it to his 20 inch guns and got no more velocity out of the extra 2 inches. I still like the feel of my 22 inch. In the 50 B&M I went to 18 inch and I think its all in what feels good to you. Those 16 1/4 inch 50 SSs feel great and I'm thinking of building a 16 1/4 inch 458 B&M with a super light barrel I have. Started to do a 458 SS but figured I could use the big B&M for everything.

Sam

michael458

22 December 2011, 02:15

quote:

Originally posted by Rob H:
I can picture the mailman finding an unmarked baggie of bullets in the bottom of his truck that night when pulling back into the post office and saying "Dang, these must be Micheal's!"
Your reputation must proceed you Michael!

I suspect you are 100% spot on. All the delivery folks, Fed Ex, UPS and the Mail Lady know what I do here, regular delivery bullets, brass and such all the time.

I suspect they did somehow fall out of the package, and that she did just put them in the box. She knows!

Alasken!

I simply must get that Winchester 1885 I have hanging on the wall, in 50 B&M, I think it has a 22 inch barrel on it?? You see, the 1885 with 22 inches just looks RIGHT--plus, it's the same overall as a M70 with 18 inches! HEH..... I have not messed with that gun so much. Might give us an idea of what 22 can do. 20 did NOTHING---Zero gain. 22?? Maybe! I have seen that before, 20 gives nothing, 24 starts getting lots!

Ruger--Hmph! Wonder if it will work? Reckon Brian will have to do some things to that for it to feed! LOL..... Actually, I bet there are no issues with retaining, but a few with feeding, but he will sort that out I am sure.

I would not put too many hopes on these guns shooting cast bullets! Pretty decent at 50 yds, but go to pure crap at 100. All of them do the same as well. I quit trying cast in them. But, you can try.

I have some 9.3 Raptors on the way! HEH HEH HEH..... No, I am not sharing any of them either! ALL MINE!

M

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Live Outside The Box of "Conventional Wisdom"

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michael458

24 December 2011, 01:23

How about a "close to Christmas Test"? I can pretty well promise you this is the last test we will do until next week! You did not think I would leave you without a little Christmas test did you?

OK OK OK, I had to know. Received the 9.3 210 gr ESP Raptors Yesterday! I had to know some things about them, or I could get no rest tonight!





First I was extremely curious as to what velocity I could run them in the 9.3 B&M, and a 20 inch barrel. I had a load of 71/RL 15 with the 255 BBW#13 NonCon that ran it to a tad over 2700 fps. So I added a grain, and went with 72/RL 15 for the first go. That gave me 2870 fps with the NonCon and 2885 with the Talon Tip. Easy in, easy out. Pressure traces are down and still in Arizona so I am out of the pressure trace business right now. I went to 73/RL 15, and got a good steady 2915 fps with the NonCon End, 2943 fps With the Talon Tip, and 2857 fps with the solid end. Easy in, Easy out. Satisfied for the moment with the velocity, will be at the top of the list once I am running pressures again however!

Bullets are stable, zero issues with accuracy. The Talon Tips for these are a tad too long for my B&M, so I am going to have Dan make a new shorter tip, it may only be for the B&Ms. Since it will be shorter and stubbier, it won't have as good a BC as this one. But, that's ok with me. Can't see anything past 100 yds anyway.

Results? Excellent! Here they are.

9.3 B&M
20" 1:12 Twist Rate
12/23/2011

210 ESP Raptor No Tip
Muzzle Velocity 2908 fps
48 Yd Impact Velocity 2614 fps
2" Shear Blades 4-6 Inches
Good Trauma
X2-19 Inches Dead Straight



9.3 B&M
20" 1:12 Twist Rate
12/23/2011

210 ESP Raptor Talon Tip
Muzzle Velocity 2938 fps
48 Yd Impact Velocity 2836 fps
2" Shear Blades 5-8 Inches
Massive Trauma
X1-21 Inches Dead Straight
X1-22 Inches Dead Straight



9.3 B&M
20" 1:12 Twist Rate
12/23/2011
210 ESP Raptor Solid
Muzzle Velocity ~~2~~2856 fps
48 Yd Impact Velocity ~~2~~2564 fps
X1--45 Inches Dead Straight
X1--47 Inches Dead Straight



Excellent. Now I have tested every 9.3 I have, and here are some comparisons to other 9.3s

- 250 Nosler Accubond 2696 fps Impact 14.5 Inches
- 250 Woodleigh Soft 2622 fps Impact 13 Inches
- 250 Barnes TSX 2695 fps Impact 17 Inches
- 255 BBW#13 NonCon 2645 fps Impact 21-24 Inches
- 270 Speer 2256 fps Impact 16.5 Inches
- 286 Hornady 2500 fps Impact 14 Inches
- 286 Hornady 2205 fps Impact 17 Inches
- 286 Woodleigh RN Soft 1905 fps Impact 16 Inches
- 286 Woodleigh RN SOft 2212 fps Impact 14 Inches
- 320 Woodleigh RN SOft 1888 fps Impact 18 Inches
- 320 Woodleigh RN Soft 2201 fps Impact 15 Inches

The 210 ESP Raptor compares pretty damned good with these conventionals!

Enjoy

Merry Christmas to All of you out there! WE have gone through yet another year of some fairly serious terminal tests! We have created together many great things, and many great ideas coming from this thread. Each of you can take pride in many of the things we have accomplished here.

I wish each of you a most Merry Christmas to all of You and All Of Yours!

Michael

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boom stick

24 December 2011, 02:17

Great test!
Thanks for taking the time and effort to do this so close to Christmas.
Merry Christmas to you and to all the other terminal elves.

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)

boom stick

24 December 2011, 02:54

Seems the tip Test made the petals stay in one piece where without the tip the petals broke into two at the band. Was the extra trauma due to the petals being whole?
I'm sure the 9.3x62 crowd would like to see tests at 9,3x62 velocities. Somewhere in the range of 2,500 FPS. The 9,3x74R just got more deadly too.

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)

Seasons44

24 December 2011, 03:22

Great Test,
Michael and all

Hope you all have a wonderful holiday, Merry Christmas to you and your families and Thank You for all the testing and disscussion this past year.

Looking foward to the new year.

Matt

Simply, Elegant but always approachable

srose

24 December 2011, 03:29

Changing the subject I have question for you .510 shooters. I'm thinking of maybe getting Dan to make a run of .510 solids and non cons. I want to make a 535 solid and a 500 non con. These would be perfect for the Jeffery shooters and those 500 double guys that want a lighter bullet. I shot my Sabatti 500 today with 535 gr Woodleigh softs and it was going in a ragged hole. If any of you are interested let me know. I don't need 250 of each right now. If there is enough interest I'll get a run done.

Sam

boom stick

24 December 2011, 03:41

What about a 535 grain raptor with the bands in the middle designed for non tip use? One box dual purpose.

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)

michael458

24 December 2011, 03:48

Sam

You know me, I will be in on some of those 535/500s. Even though I don't do much .510. Kinda like having some around anyway, but again, hell I don't need 250 either! HEH..... Especially after getting an order of over 6000 bullets last week!

So someone else get on this .510s with us!

Concerning the test with the 9.3s, all the work done with the other conventionals was done in 2010, so is very recent and up to date, and rather meticulous I will say as well. I was looking hard at 9.3s in my own 9.3 B&M. With this lineup of Conventional work in 9.3 bullets, and compared to the 210 Raptor, the body of work goes to prove that the light for caliber Raptor will out perform anything in caliber, even up to the heaviest conventional within caliber. This 210 ESP Raptor out performed all the 250s and 286s in caliber, and even the 320s. Of course I would expect it to out perform the Woodleighs, which we know are a bit soft and expand WIDE.

Michael

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srose

24 December 2011, 03:53

Boomstick,

Raptor well duh I didn't even think about that. HUMMM maybe I'll make a few to test and see how they do. That was the whole reason for the Raptor Dual Purpose!

Michael,

I'll make a few test bullets for us to try next week and we can decide on what might work best for a 535 .510.

Sam