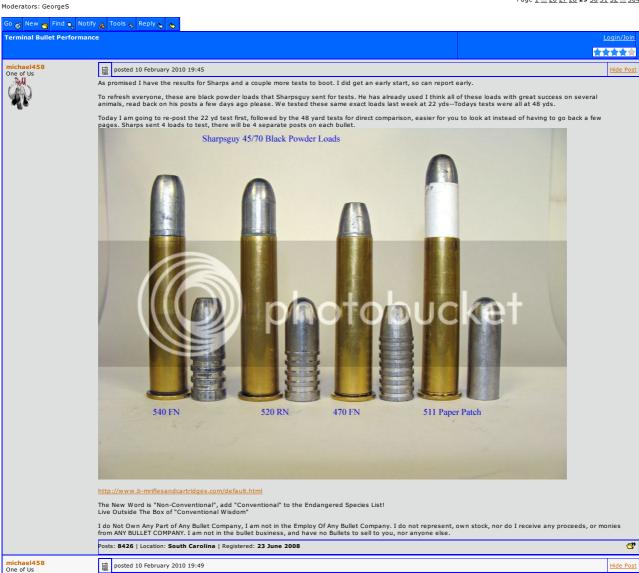
THE ACCURATERELOADING.COM BIG BORE FORUMS



Accuratereloading.com The Accurate Reloading Forums THE ACCURATE RELOADING.COM FORUMS Rifles Big Bores Terminal Bullet Performance

Page 1 ... 26 27 28 29 30 31 32 ... 304





First Up we will look at the 540 gr Flat Nose Cast load.

Hide Pos





At 48 yards the # 1 bullet looked really good and gave excellent penetration. The #2 bullet did not fair so well and expanded to the point of limiting penetration greatly. I checked the test medium, nothing abnormal, both passed through the same mix only a few inches apart?

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

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iichael458
ne of Us

posted 10 February 2010 19:58

Hide Po

Next let's look at the 511 gr Paper Patch load. A little added distance really helped this bullet stabilize I think. As we see some varied results at 22 yds, we see very consistent results at 48 yds. Now this bullet must be right on the very edge of import only a few flow from the set 28 yds. Now this bullet must be right on the very edge of import only a few flow from the 48 yds and flow from the very edge of import on the very edge. At 29 yds we had one expand a little too much-velocity difference 30 fps, that is not much. But 21 yds we had one expand a little too much-velocity difference as for the very edge.

One thing to take note of is that the nose flattened on the 48 yd impacts perfectly, it turned into a flat nose or semi flat nose upon impact.



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iii posted 10 February 2010 20:03

The 470 Flat Nose Load was a bit strange, it seems that more velocity at 22 yd impact actually helped it's penetration. At 48 yds there was less penetration. One of the bullets at 48 yds was bent pretty good, more so than the photo shows. The other expanded quite a bit too.





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





posted 10 February 2010 20:19

Now for my favorite of the 4 loads Sharps Sent----520 Round Nose! This bullet 1 did extremely well at 22 yds, 1 gave some expansion at 22 yds. Either bullet would have been fine for buffalo at 22 yds, both giving more than enough penetration. But when we drop back to 48 yds this bullet really shines. The nose deforms somewhat and changes upon impact, as we see not too much to limit penetration, but probably enhances penetration! From the 4 loads I have tested and bullets, this would be my # 1 choice of the 4 to use on buffalo!





Sharps, I have to admire your excellent loading and presentation of your work! I enjoyed shooting them, but I have confirmed once again I really am not a black powder sorta chap! It was fun, thank you for sharing that. I sincerely hope anything I have done here has helped you in some way. I don't see anything fundamentally wrong with any of the bullets or loads at all. All would for sure perform well on game animals. For me on buff, it would be the 520 RN load! But to be perfectly honest, every bullet would meet that criteria, the penetration is there for all of them.

Also I am proud to report that these loads gave my exhaust fans a good workout for sure, but they were up to the task, as smoke was not a problem while doing the black powder tests!

Michael

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Now the nasty stuff is out of the way (sorry Sharps-no offense meant) there has been something I have been curious about since receiving the Brass NonConsl At what velocity do the petals remain and not shear off? I decided today was the day to find out. Well, I probably don't have an exact velocity, but at least a better idea, in particular with I bullet, the 305 SSK Brass HP. Just taking a guess at some very light loads I made one up for the 458 B&M and one for 4570. Here they are.



Michael

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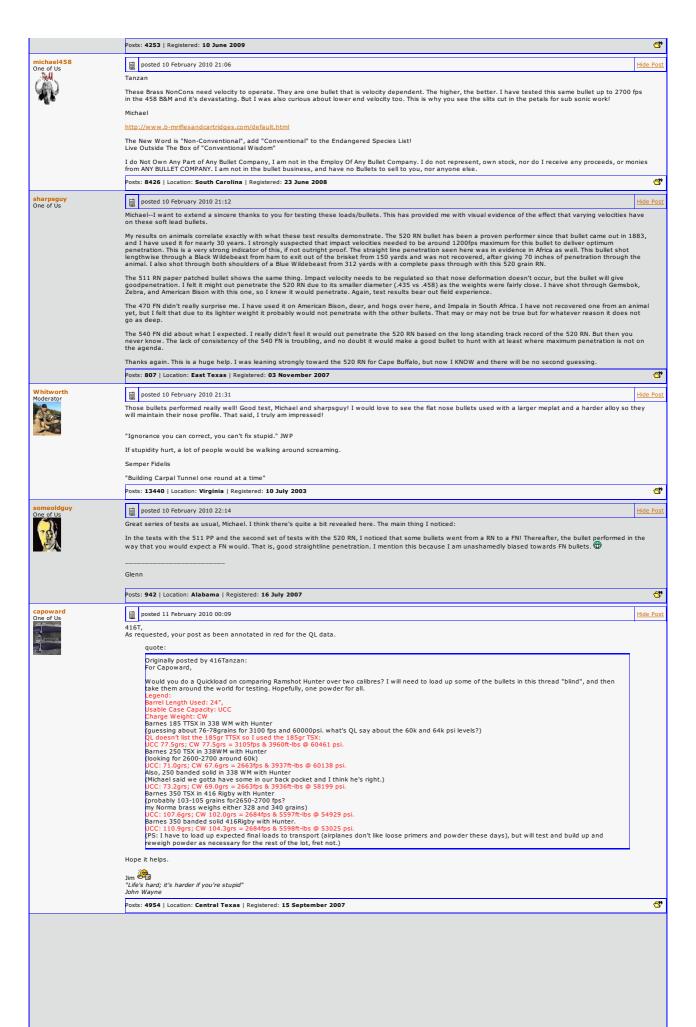


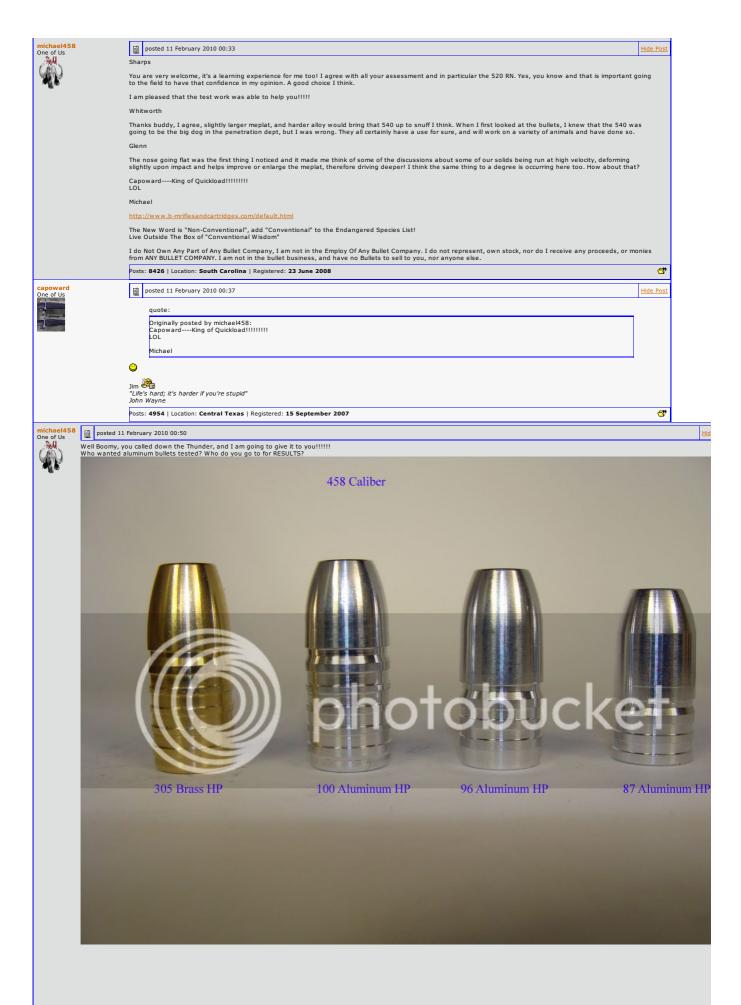
posted 10 February 2010 20:46

Hide Pos

Petals didn't open, either, which is not unexpected at such a low velocity. The shearing at 1300 was surprising.

I kind-of like the Barnes TSXs that were holding together at 2500-3000 fps.







There you go Boomy, as requested, almost!

No, it's not 4000 fps, but a lowly 3250 fps instead. I received a early UPS today, and it had those in it with other samples. I revisited Mr. Quickload (Capo) post, and saw H-4227, I have instead IMR 4227. So I had to open my Quickload and fumble through it, enter the bullet data, then see what the deal was with IMR 4227. Well, it said 70 grs was getting up close to max, so that's what I did, 70/IMR 4227 and the 100 gr Aluminum bullet. I fired two rounds, one spotter, then this one in the test. The front chronograph would not catch either of them??? Lucky I suppose to get a reading at 22 will invare.

Well, for normal use I would much prefer the brass bullets at 305. Petals do more damage, penetration is serious, trauma in the medium is more substantial. Trying to think of a use for the aluminum, and I suppose it would be ok for CQB operations, close and the lack of penetration is of value. So far since I am not able to get a starting velocity it is hard to say how far they would hold trajectory, and since only fringt two, accuracy is still a question. POI is exactly the same as the 305 Bras. Pot at 2500 flos. So that is good too! At least at 25 yds. I did not test 48 yds as I had no clue as to where these things might go. I have only a few samples, not sure I will try to work up any more velocity, or if I even have enough to try.

They are pretty however, look like silver bullets! I think I am going to load one just to show off!

So there you go!

Michael

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did not forget my buddy RIP! When samples came, these did too! 458 Caliber 458 B&M 395 gr 335 gr 528 gr 526 gr 522 gr 2.2885 Inches 1.273 Inches 2.201 Inches 1.955 Inches 1.596 Inches

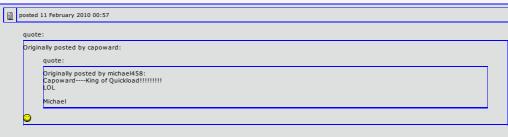
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Thank You! Thank you Very Much! Michael

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

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



quote:

Originally posted by jeffeosso:

MM do you have all these compiled into a spreadsheet?

Yes so happens I do!

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

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Well they penetrated great and trauma galore is what you want for pesky humans and critters. Would be great to stop an intruder and not go through the next wall.

Can you load them backwards to see how it does as a flat point solid? Wound channel and depth is what will make these great. seems even at 3,000 ish fps they will be a killer.

Still curious about what they do @ 4,000 fps

Question... would you rather be shot with a 223 or one of these @ 3000 + fps.

Id rather get hit with a 223.

If shot with the aluminum bullets I don't think the hospital would save me,

quote:





No, it's not 4000 fps, but a lowly 3250 fps instead. I received a early UPS today, and it had those in it with other samples. I revisited Mr. Quickload (Capo) post, and saw H-4227, I have instead IMR 4227. So I had to open my Quickload and fumble through it, enter the bullet data, then see what the deal was with IMR 4227. Well, it said 70 grs was getting up close to max, so that's what I did, 70/IMR 4227 and the 100 gr Aluminum bullet. I fired two rounds, one spotter, then this one in the test. The front chronograph would not catch either of them??? Lucky I suppose to get a reading at 22 yd impact.

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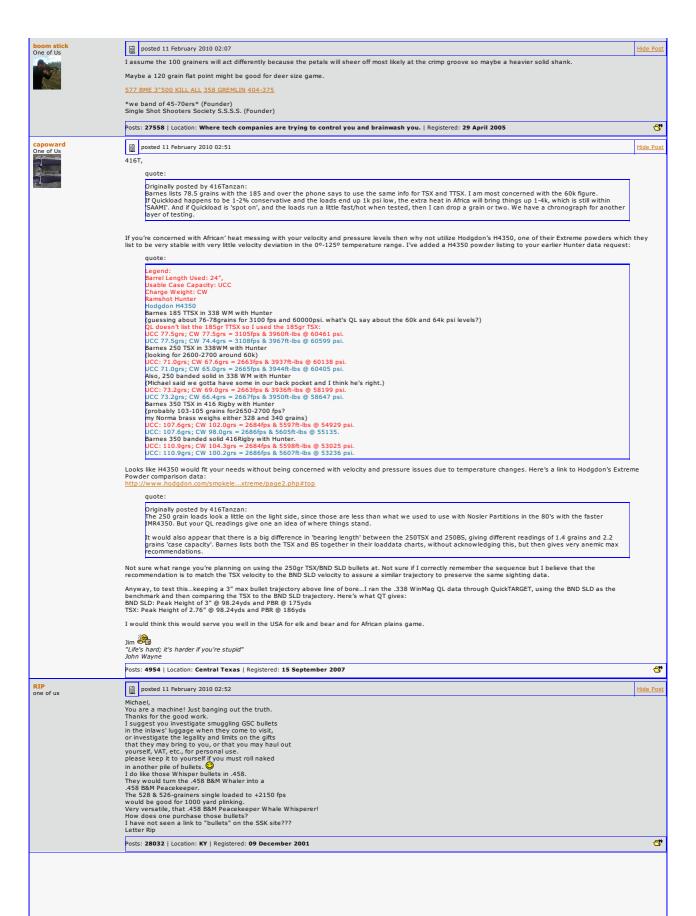
Michael

Posts: 27558 | Location: Where tech companies are trying to control you and brainwash you. | Registered: 29 April 2005

boom stick we band of 45-70 (65 tuttlet) february 2010 01:33
One of Us Single Shot Shootels-Society 5.5:5.5: (Founder)
For that tested ones those look like the 96 grainers and not the 100 grainers. Hide Post *we band of 45-70ers* (Founder) Single Shot Shooters Society S.S.S.S. (Founder) Posts: 27558 | Location: Where tech companies are trying to control you and brainwash you. | Registered: 29 April 2005 **♂**° posted 11 February 2010 01:53 You are correct! I did shoot the 96 gr bullet, not the 100 gr bullet! I am sorry, got the label wrong. As for higher velocity, maybe a little more trauma, penetration? If like the brass then penetration would be a little more. For COB operations, Marlin Guide Gun, or 1886 stoked with them for home protection, limited penetration is a plus. Plenty of penetration for pesky critters. Might be a really interesting bullet for the 458 B&M SA? If it would operate the system? I can't get over how pretty they are! I do love a good looking bullet! Werewolf bullets eh? http://www.b-mriflesandcartridges.com/default.html The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List! Live Outside The Box of "Conventional Wisdom" I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not represent, own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no Bullets to sell to you, nor anyone else. Posts: 8426 | Location: South Carolina | Registered: 23 June 2008 €3* boom stick One of Us posted 11 February 2010 02:02 No recoil is a good thing to teach the kids how to shoot. Next time you get to loading these CQC special purpose bullets try loading a couple backwards to see the penetration and wound channel. Interested if they might be good on a deer size game with a flat point, Thanks again Michael. At least you have proven these are ideal low or no recoil bullets great for home defense!!! And you are having a blast 577 BME 3"500 KILL ALL 358 GREMLIN 404-375 *we band of 45-70ers* (Founder) Single Shot Shooters Society S.S.S. (Founder)

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