THE ACCURATERELOADING.COM BIG BORE FORUMS



Accuratereloading.com 🍥 The Accurate Reloading Forums 🔊 THE ACCURATE RELOADING.COM FORUMS 📸 Rifles 🏠 Big Bores 🕘 Terminal Bullet Performance

Moderators: GeorgeS

Page <u>1 ... 177 178 179</u> **180** <u>181 182 183 ... 304</u>

Terminal Bullet Perf		gin/Join		
Terminar bullet Peri				
Davia Buch				
Dave Bush One of Us	Oh lord! I am just getting into the light and handy. Now, Nom Coms? Michael, and old man can only take so much change	Hide Post e at		
APRIL (Self Telephone) Unit telephone)	one time 😨			
	DRSS Chapuis 9.3X74			
	Chapuis "Jungle" .375 FL Krieghoff 500/.416 NE Krieghoff 500 NE			
	"Git as close as y can laddie an then git ten yards closer"			
	"If the biggest, baddest animals on the planet are on the menu, and you'd rather pay a taxidermist than a mortician, consider the 500 NE as the last word in life insurance." Hornady Handbook of Cartridge Reloading (8th Edition).			
	Posts: 3728 Location: Midwest Registered: 26 November 2006	්		
I Bin Therbefor One of Us	posted 06 August 2011 01:51	Hide Post		
	QUOTE]Originally posted by Dave Bush: Sam and Michael:			
	I gotta tell ya that I am having an awfully hard job wrapping my mind around the "non com" concept. During my entire life, the quest has been to find a bullet that holds together over a wide range of velocity I am not sure that I am down with the notion of the "non com" which is DESIGNED to shed the petals.			
	QUOTE]			
	Had some problem with this one myself. Here's what I think is going on: The older bullets didn't peal in a controlled manner leaving a solid core to continue to penetration. The older bullets completely fragmented in a completely unperdictible manner, many times on the skin or very near the skin of the animal! This left a wounded and very angry animal with which to deal. In the case of a DG, this was a very bad thing. There was/is a very famous "Lion bullet" by an otherwise reputable manufacture that did just exactly that. Resulted in wounded and very angry Lions with not much slowing the Lion at all. There were also bullets during the early high Vel en that simply did the fragmentation bit without any penetration of any consequence. Surface flesh wounds.			
	The common answer was, keep the bullet from fragmenting at all costs.			
	There were also expanding bullets which assumed an almost ball shape and or broke into pieces, which seems OK until you realize that the balls and/or pieces did not follow any perdictable path and didn't result in much penetration.			
	b the answer was to control the amount of expansion by various means to insure the bullet maintains a straight line enetration.			
	The noncon is an answer that has an interesting twist. The pedals shed but not near the skin and in a manner that doe: not negatively impact the bullet path - the straight line - of the remaining core or the pedals themselves. The solid like of that remains has a jagged end that tares the flesh in the worst (or best) possible way (depends if you're the shooter or animal being shot). There is sufficient mass remaining for the noncon remaing core to act like a solid with a ragged metp	ore r the		
	he pedals seem to do one of two things. They either remain in the wound channel, cutting flesh and insuring no wound hannel closure behind the bullet, or they go off in a star like pattern, continuing to penetrate and doing some serious utting on the surrounding tissue. In the case of a near miss of the vital areas, one or more of the pedals can enter those reas and cut lungs, veins, arteries or even enter the brain cavity from below.			
	The problem seems to be that while the bullet manufacturers did observe some negative thing happening, they construct bullets that delt with the negatives but did not consider the question, what do I want the bullet to do, in any innovative manner.			
	The noncons, from CEB, NF and S&H are innovative. Although, the NF CPS does not sheld pendals. They seem to combine the destruction better than an expanding bullet bullet with the penetration of a solid.	e		
	Anyway that's my story and I'm sticking to it for at least five (5) minutes.			
	Posts: 404 Registered: 08 May 2005	්		

michael458 One of Us	i posted 06 August 2011 02:45	Hide Post
	quote:	
ALC: NO	Originally posted by Dave Bush: Oh lord! I am just getting into the light and handy. Now, Nom Coms? Michael, and old man can only take so much change at one time 🐨]
	©	
	Oh Dave buddy, sometimes discovery is a "penetrating" affair!	
	Michael	
	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 nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no Bul sell to you, nor anyone else.	
	Posts: 8426 Location: South Carolina Registered: 23 June 2008	്
michael458 One of Us	posted 06 August 2011 02:55	Hide Post
Real	quote:	
ALC: NO	Originally posted by boom stick:	1
_	It would seem that the non con bullets designed for the 45-70 with a shorter ogive tip could magazine feed.]
	Boomy	
	If you don't get off this magazine thing, I am going to choke you the next time I see you!	
	НЕН НЕН	
	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 nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no Bul sell to you, nor anyone else.	
	Posts: 8426 Location: South Carolina Registered: 23 June 2008	°
Cross L One of Us	g posted 06 August 2011 02:55	<u>Hide Post</u>
	If I am understanding this correctly-	
	The bullet path of a NON-CON could/should be described as a "cone of Destruction"	
	Initiated at impact and continuing to penetrate- Petals of course spread in a cone pattern and do not penetrate as far but the core continues as a solid penetrator>	
	SSR	
	Posts: 6725 Location: central Texas Registered: 05 August 2010	S.

michael458 One of Us	posted 06 August 2011 03:13	<u>Hide Post</u>
	quote:	
	Originally posted by Cross L: If I am understanding this correctly-	
	The bullet path of a NON-CON could/should be described as a "cone of Destruction"	
	Initiated at impact and continuing to penetrate- Petals of course spread in a cone pattern and do not penetrate as far but the core continues as a solid penetrator>	
	SSR	
	Cross	
	That's pretty much got the jest of the matter! About the only thing to add is the trauma inflicted during the process. much more than what you would expect. I think when those blades blow off it's releasing (I don't like this word, but of better) energy or transfer of energy causing trauma. Blades or petals do not "penetrate" in the typical sense of th they actually slice their way through tissue. It always amazed me how deep they can penetrate in my test medium. I blades penetrate deeper than a typical 38 special bullet, blades only weigh 15-20 grs! How? They cut and slice their not push through.	for lack ie word, Hell, the
	But yes, you are pretty much spot on.	
	М	
	IBT	
	I happen to like your story above pretty good! I think it also is pretty much spot on, I concur. Thanks M	
	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, ow nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no B sell to you, nor anyone else.	
	Posts: 8426 Location: South Carolina Registered: 23 June 2008	c "
michael458 One of Us	posted 06 August 2011 03:20	Hide Post
Ŵ	This morning I spent a good deal of time getting ready for testing Saturday morning. Spent time making new witness getting loads together for doing the test with the 458 B&M 370 and 420 NonCon at simulated 300 yd velocities accou the hi BC reports yesterday. Also just had to see what one of these tips looked like in one of my .500 caliber bullets. did.	rding to
	ets with 458 Tip	
	As you can see with the 3 bullets on the bottom that are .500 caliber the fit of the 458 Tips is not quite perfect to the of the angle. But there is not much there, and I think they just might work pretty good? So I rigged up the maple 50	edge with a

of the angle. But there is not much there, and I think they just might work pretty good? So I rigged up the maple 50 with a scope, went out quickly and sighted a scope in, and run a couple of test loads through the 50 to see what is what. I will be testing for BC two different bullets in .500 caliber with the 458 Tips, a 345 and a 460. Then if all goes well I will do terminals on those as well as the .458s. Now, not sure how much difference that little edge effect might make if any at all. I suspect there won't be much to it, but we will find out in the morning.

Oh, and always remember, when you get your tips in the future, DO NOT PLACE them in the bullets until you have the bullets loaded in the case! HEH HEH HEH!!!!!!!!

	<image/> <image/>	
	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 represe nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and hav sell to you, nor anyone else.	
	Posts: 8426 Location: South Carolina Registered: 23 June 2008	ී
Capoward One of Us	 posted 06 August 2011 05:15 Michael, Just pull that bent tip offtrim it flat and send it to Boomy to use in his 45-70problem solved! Jim "Life's hard; it's harder if you're stupid" John Wayne 	Hide Post
	Posts: 4954 Location: Central Texas Registered: 15 September 2007	්
Capoward One of Us	posted 06 August 2011 05:19 Or maybe Sam can make a die to kinda smush that tip around a bit to make it more rounded like. Jim "Life's hard; it's harder if you're stupid" John Wayne	Hide Post
	Posts: 4954 Location: Central Texas Registered: 15 September 2007	්
srose One of Us	posted 06 August 2011 05:46 I can do that!	Hide Post
	Posts: 2823 Location: NC Registered: 08 July 2006	්
RIP one of us	<pre>posted 06 August 2011 06:13 "non com" But it is the persection of mental retardation, or blatant disrespect of the concept? Either way, it is idiocy. Boomie can just use a toenail clipper to shorten his tips.</pre>	Hide Post
	Posts: 28032 Location: KY Registered: 09 December 2001	c "

boom stick	posted 06 August 2011 06:15	Hide Post
One of Us	Ok fine I'll be the exiled mag fed prophet. Them modern pointy black talon of death non con bullets would look wicked loaded in those long cigar double rifle The tips make them look like 50 BMG bullets. (that COULD feed from a 50 BMG magazine) Would be cool to see the cons with the black talon tip loaded and fired at 50 BMG velocities in the test medium you made Michael. Anyone in 50 BMG?	e 510 non
	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	C "
Cross L One of Us	posted 06 August 2011 06:17 Boomie	Hide Post
	Just go ahead and go belt-fedTalk about a DGR-	
	ψ	
	SSR Posts: 6725 Location: central Texas Registered: 05 August 2010	්
boom stick	posted 06 August 2011 06:19	Hide Post
One of Us	Would be cool to see what distance you could get from say a 470 NE and still have the functional impact velocity r	
	Could make a 470 into a plains game rifle. <u>577 BME 3"500 KILL ALL 358 GREMLIN 404-375</u>	
	we band of 45-70ers (Founder) Single Shot Shooters Society S.S.S. (Founder)	
	Posts: 27557 Location: Where tech companies are trying to control you and brainwash you. Registered: 29 April 2005	්
Paul Truccolo One of Us	posted 06 August 2011 06:30	Hide Post
	quote:	
	MIKE458 "Before I head off to roost, I just want you boys to take note of something! When does other bullet mar	nufacturers
	come and participate with us Big Bore guys and talk bullets, cartridges loads, pressures things like that???". I think what Mike posted on the B&M Series thread needs to be posted here as well in recognition of the co-opera	ation
	contribution and service provided to the T.B.P community by North Fork and C.E.B.	,
	Posts: 531 Location: Australia Registered: 30 June 2011	c "
CCMDoc One of Us	posted 06 August 2011 16:22	Hide Post
	That bent-tip version I like it. Reminds me of an 18 century night cap (no Michael458, not the alcoholic type). Th rotations velocity of that tip would create an even bigger wound channel (sort of auger in)? 😂	ink the
•	Michael, You are making those for the .620 and .585 non cons, I presume. Might make those rounds into long-range, 75 ya doubles!	ard
	Seriously, you guys continue to impress and amaze me with you great efforts and investigation. 😋 🛱 🛱 🕑	
	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	්

hughman One of Us		posted 06 August 2011 20:04	lide Post
		quote:	
		Originally posted by michael458:	
		quote:	
		Originally posted by hughman: Not sure whether I missed something or am just dense (or maybe both), but if the tipped bullet cartridge is too long to fit in the magazine, how do you load it in a CRF rifle?	
		Hugh	
		I am preparing for tomorrow morning right now, so not much time to reply back, and I want to catch up with	
		Dave and the NonCons However HUGHWhile it was on my mindSmitty has an Exporter that can export the bullets to Canada, very reasonable price, very reasonable, and easy to do! Get up with Dan on this!	
		Just running by, back and forth, wanted to catch Hugh on this before I forget!	
		Michael	
		Thanks MichaelI will get the info from Dan. Unfortunately I am leaving for the buffalo hunt on September 7, so there is r way I can obtain, load, test, etc the CEB bullets in time for this trip. In the 450/400, I will have to use Hornady DGX & DG unless the North Fork CPS I have on order arrive in time, which is now looking a bit doubtful.	
		On the tipped bullet feeding issue, I guess what people are saying indirectly is that, for a true CRF bolt gun, you have to either modify the extractor so it will jump the rim of the cartridge or else push in on the extractor spring to get the hook t jump the rim. Or am I still missing something???	
		Hugh	
		Posts: 106 Location: Ontario, Canada Registered: 27 January 2010	<u> 3</u> "
michael458 One of Us		<u>ua</u>	lide Post
		Hugh No, these tipped bullets are just too long to fit down in the magazine. If you need one, just put it down as the top round	l in
M/2.		the magazine, which with the bolt open the tip will be above the feed ramp and you just feed it straight in is all. I have b doing it for two days, nothing to it.	
		Michael	
		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 sto nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no Bullets sell to you, nor anyone else.	
		Posts: 8426 Location: South Carolina Registered: 23 June 2008	්
hughman One of Us		📓 posted 07 August 2011 05:27	lide Post
		AAAH HAAAH!!!	
		Posts: 106 Location: Ontario, Canada Registered: 27 January 2010	<u>s</u> ,
michael458 One of Us	📓 po	osted 07 August 2011 18:24	<u> Hide Post</u>
A	starting around witnes	in extremely ambitious agenda yesterday, far more than I originally thought. I spent over 5 hours on the range yesterday g at around 6:30 am! Was not too hateful in the morning, around81 degrees, and never really got too bad up in the day l 86-87 degrees, but still down at the terminal boxes moving them around, taking medium apart looking for blades, bullets s cards, and such, I was worn out, tired, sweat soaked and a mess by the time I got to a topping point. No, I never had b h everything I intended, nor did I have enough test medium made up either. So I had to quit before finishing.	5,
	Also, sı	pent 4 hours this morning getting the data ready to present and still don't have all of it entered into data sheets.	
		nere to start? How about lets look at the 458 caliber BBW #13s with added Hi BC tips and how they did in the terminal tes Jlated 300 yard velocities??	sts
	Like I s	said, according to those Hi BCs we tested this week I was able to Simulate 300 yard impact velocities for the 370 gr BBW# n and the 420 gr BBW#13 NonCon, with tips added of course. Here are the results of that;	13
	I starte	ed with the 370 gr bullet.	



I placed witness cards starting at 2 inches and every two inches until the last one at 10 inches. Another at 20 inches and then 25 inches. I really did not expect these to go further, and they did not.

They sheared perfectly, exactly like the bullet does without the tips. The only difference I noticed was some instability right at the end of penetration, instead of them being nose forward, they were sideways. But it had to happen right in the last inch of penetration as there were no indications at all that the bullet tumbled before.

Impact Velocity 2079 fps Impact Velocity 2043 fps X2--Perfect Shear to 18 inches Straight, found sideways in medium



I could not ask for anything better, it was perfect performance.

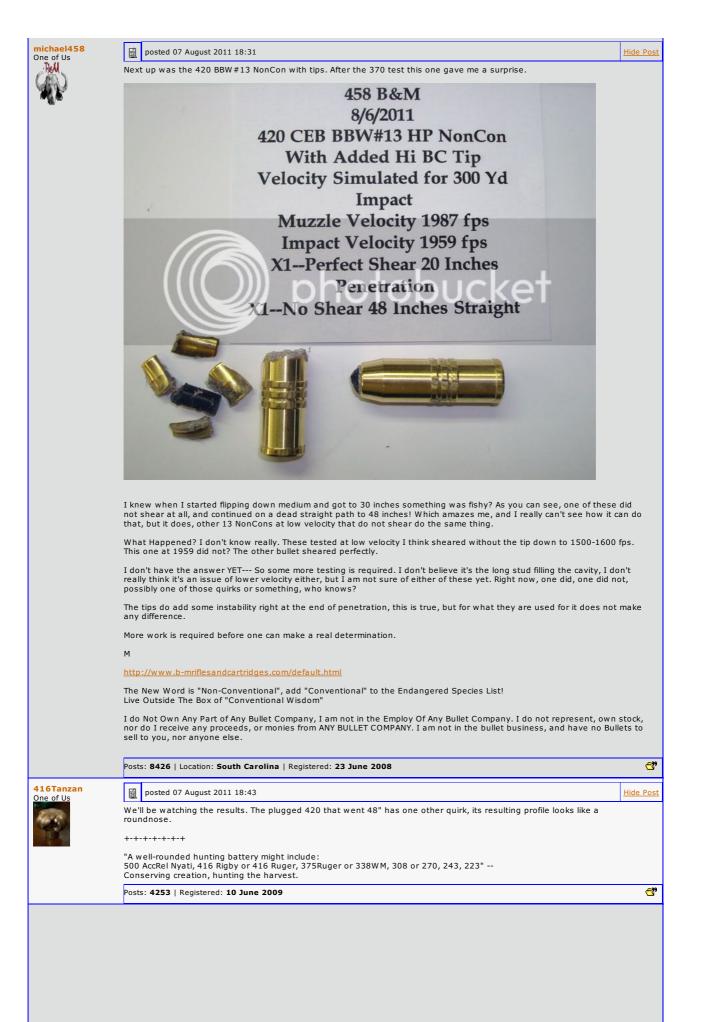
Michael

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.

്





posted 07 August 2011 18:46

quote:

Originally posted by CCMDoc: That bent-tip version ... I like it. Reminds me of an 18 century night cap (no Michael458, not the alcoholic type). Think the rotations velocity of that tip would create an even bigger wound channel (sort of auger in)? Michael, You are making those for the .620 and .585 non cons. I presume. Might make those rounds into long-range. 75

You are making those for the .620 and .585 non cons, I presume. Might make those rounds into long-range, /! yard doubles!

Seriously, you guys continue to impress and amaze me with you great efforts and investigation. 😌 🖷 ତ

Hey Doc

Hi BC tips for .620 and .585 NonCons? Hmmmmm? Actually have not thought, that big yet! LOL HEH HEH......

But, I did manage to do the BC tests on the .500s that I tipped up and showed you guys the other day!

And Yes, I shot the bad bent up tip as well, and have numbers on it too!

HEH.....

Here is what I have on the .500 caliber 345 gr CEB BBW #13 NonCon with and without Tips.

345 BBW #13 No Tip 75/H-4198 2508 Muzzle Velocity

45 Yard Chronographed Velocity 2220 Estimated BC-- .138

345 BBW #13 Tipped 75/H-4198 2524 Muzzle Velocity

45 Yard Chronographed Velocity 2381 Estimated BC-- .267

Gain in Velocity at 45 yds with Tipped Bullet is 161 fps

The BC is not up in the .600s but a very significant gain at any rate, and I am not 100% sure I am calculated that correct anyway, I am not a BC expert, but this is what I got? And it's the same method I used for the 458s and that matched what Dan had.

I can tell you this, at 50 yards they shoot damn good!

I used my Maple 50 B&M to do this work.



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

Hide Pos



gosted 07 August 2011 18:53

This is what I got on the 460 gr CEB BBW #13 NonCon. 460 BBW #13 No Tip 69/H-4198 2248 Muzzle Velocity

45 Yard Chronographed Velocity 2056 Estimated BC-- .193

460 BBW #13 Tipped 69/H-4198 2251 Muzzle Velocity

45 Yard Chronographed Velocity 2151 Estimated BC-- .357



Hide Post

And how about that "Sideways FN" what effect did it have? 460 BBW #13 Tipped Sideways FN--Muzzle Velcocity 2246 fps 45 Yds 2077 fps Estimated BC-- .211

How did they shoot at 50 yards?



	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 represen nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have	
	sell to you, nor anyone else. Posts: 8426 Location: South Carolina Registered: 23 June 2008	
data a la 50		
michael458 One of Us	posted 07 August 2011 19:35	Hide
(A)	One more little thing on these tips to consider. I am seeing a tendency for the tipped bullet to strike higher tha tipped. This makes perfect sense, although they are in one hole at 50 yds, the higher ones in each group are t BBW #13s. I will NOT BE TESTING THESE at 100 yds or more, this I leave to you and your individual rifles. But if would bet that the tipped bullets will shoot 1 to 1.5 inches higher than the non tipped BBW #13s. Which is fine be expected. So before going to the field with these tipsshoot your rifle at 100 yards to get POI on both.	he tipped I had to bet,
	Another thing on my mind, Tips and the Carnivores! Problem? Yep, maybe, POI.	
	Hmmmmm?	
	Michael	
	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 nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have sell to you, nor anyone else.	
	Posts: 8426 Location: South Carolina Registered: 23 June 2008	
16Tanzan ne of Us	📓 posted 07 August 2011 20:15	<u>Hide</u>
	I would expect that the BC will go over .400 when the proper size tip is used. At the moment those tipped bull extra ridge halfway down the nosepoint that has got to be adding significant drag.	ets have an
	I'm sure that Dan is working on this angle since he seems to love bullets over .500 BC.	
	+-+-+-+-+-+	
	"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	
IP ne of us	i posted 07 August 2011 20:45	<u>Hide</u>
	Well, The one that did not fragment the hollow point was going less than 2000 fps at impact. But it did shear off the tip, leaving the plastic stem inside the HP. This did expose a flat circular rim of meplat around the filled HP. This might explain better-than-round-nose penetration with that jagged pseudo-round-nose remnant of plastic way?	c leading the
	Maybe this is a hint of impaired fragmentation at low velocity. Use the tips for impact velocities over 2000 fps or expect this to happen, occasionally, or how often? It suggests some velocity tests for the lab, or field tests on game. But whatever large non-DG critter took one of those would still be dead.	
	The tendency to turn sideways in the last inch, even with the perfectly fragmenting ones? That is expected with any perfectly performing bullet as it goes unstable and comes to rest inside the medium. Frankly, I am amazed you do not see that more often with all the bullets you catch.	
	Yes that ridge of meplat beyond the .458 tip in the .500 NonCon has got to be a drag on BC.	
	What is amazing is that the "nightcap-tipped" deformed bullet did about the same as the non-deformed, mism bullets.	atched-tip
	Dullets. Maybe it sprang back to attention when the load went off. Sample size: n = 1.	
	Those "Talon Tips" in the Carnivore NonCons: should be interesting. Might overcome any low velocity failure to fragment the nose?	
	I still say the plastic "Talon Tips," NonCons, and BBW #13 FN solids in brass are great developments all. CEB, Cutting Edge Bullets, are well named.	
	Page 181! 🞯	
	Page 181! W	
apoward one of Us		Hide
	Posts: 28032 Location: KY Registered: 09 December 2001	Hide
	Posts: 28032 Location: KY Registered: 09 December 2001 Image: Posted 08 August 2011 01:14	Hide

boom stick One of Us		posted 08 August 2011 01:23	Hide Post		
		Well these birds of prey sure can fly A raptors talons are the business end and do the initial penetration. Agreed the carnivoire bullet and the tips will be interesting. I still think that a shorter shaft tip could be a key in reliable shearing. If the tip breaks off on a short shaft tissue should enter the cavity enough to blow the petals off in my theory.	the		
		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	ී		
416Tanzan One of Us		posted 08 August 2011 01:44	Hide Post		
Fine		quote:			
TY.		Originally posted by boom stick: Well these birds of prey sure can fly A raptors talons are the business end and do the initial penetration. Agreed the carnivoire bullet and the tips will be interesting. I still think that a shorter shaft tip could be a key in reliable shearing. If the tip breaks off on a short shaft the tissue should enter the cavity enough to blow the petals off in my theory.			
		sound promising			
		+-+-+-+			
		"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	්		
RIP one of us		posted 08 August 2011 02:07	<u>Hide Post</u>		
		Maybe a little compressible air pocket beneath the shaft of the Talon Tip is what is needed to improve reliability of fragmentation, after all? This would allow the tip to wedge the nose apart more easily. Boom stick has been pushing for this.			
		Using the standard Talon Tip in the Carnivore will easily accomplish this, but the deeper cavity will be easier to fragmen anyway.	nt		
		Does the current Talon Tip bottom out in the non-Carnivore Noncon cavity? I doubt it does for good engineering purposes. 😂			
		So, if not bottomed out, how much clearance is there? Maybe it just needs a silly millimeter more of air space from shortening of the seating shaft of the tip. The longer the seating shaft, the more secure the press fit will be. Minimal shortening, if any, is the ideal, and that depends on a sample greater than n = 1 for velocity less than 2000 fps at impact			
		But we don't want to work Doc M to death Posts: 28032 Location: KY Registered: 09 December 2001	്		
concurred					
capoward One of Us		posted 08 August 2011 02:15 Talon Tips may be at their optimum match up with the Carnivore bulletslonger but lighter weight bullets with maximiz	Hide Post		
photobucket.		due to the tips. Should be a great combination.			
		Jim 🚭 "Life's hard; it's harder if you're stupid" John Wayne			
		Posts: 4954 Location: Central Texas Registered: 15 September 2007	්		
michael458 One of Us	pc	sted 08 August 2011 04:52	<u>Hide Post</u>		
		ys, I don't know, low velocity, plugged HP, ????? Or combo of several of these things. What Boomy says is exactly what the other day, but those tests were all full loads, high velocity, so everything sheared.	Sam		
M.E.	I don't think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week and will be out. But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a pocket inside the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives room for the tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it.				
	inside t	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a poc the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives	:ket		
	inside t for the No dou current very ve	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a poc the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives	ket room ow the , or		
	inside t for the No dou current very ve a good OK, hay got sta	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a po che HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it. bt the Carnivores will go to hell tip or no tip800 deep cavity, even with the long studs right now, that leaves .400 bel stud. The only thing is POI with the Carnivores. Kept to the same velocity as the "Parent bullet" they will be same POI, ry close as they have the same bearing surface, length, and so forth. I think they just might, but not 100% sure as the	ket room ow the , or y are and I		
	inside t for the No dou current very ve a good OK, ha got sta Short, s In com	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a poc the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it. bt the Carnivores will go to hell tip or no tip800 deep cavity, even with the long studs right now, that leaves .400 bell stud. The only thing is POI with the Carnivores. Kept to the same velocity as the "Parent bullet" they will be same POI, is the same bearing surface, length, and so forth. I think they just might, but not 100% sure as the bit lighter than the parent? We will also learn this as we move forward. we one more thing to leave you with. Our buddy Dave Bush sent some Punch bullets to test out a couple of weeks ago riced on those tests yesterday. I was doing some low velocity work with the 50 B&M Super Short and the 458 B&M Super so it provided a good opportunity to start the tests with the Punch Solids. bination for comparison I also did the equivalent BBW #13.	ket room ow the , or y are and I		
	inside t for the No dou current very ve a good OK, ha got sta Short, s In com	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a por the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it. bt the Carnivores will go to hell tip or no tip800 deep cavity, even with the long studs right now, that leaves .400 bel stud. The only thing is POI with the Carnivores. Kept to the same velocity as the "Parent bullet" they will be same POI, ry close as they have the same bearing surface, length, and so forth. I think they just might, but not 100% sure as the bit lighter than the parent? We will also learn this as we move forward. we one more thing to leave you with. Our buddy Dave Bush sent some Punch bullets to test out a couple of weeks ago rted on those tests yesterday. I was doing some low velocity work with the 50 B&M Super Short and the 458 B&M Super so it provided a good opportunity to start the tests with the Punch Solids.	ket room ow the , or y are and I		
	inside t for the No dou current very ve a good OK, ha got sta Short, s In com	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a poc the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it. bt the Carnivores will go to hell tip or no tip800 deep cavity, even with the long studs right now, that leaves .400 bell stud. The only thing is POI with the Carnivores. Kept to the same velocity as the "Parent bullet" they will be same POI, is the same bearing surface, length, and so forth. I think they just might, but not 100% sure as the bit lighter than the parent? We will also learn this as we move forward. we one more thing to leave you with. Our buddy Dave Bush sent some Punch bullets to test out a couple of weeks ago riced on those tests yesterday. I was doing some low velocity work with the 50 B&M Super Short and the 458 B&M Super so it provided a good opportunity to start the tests with the Punch Solids. bination for comparison I also did the equivalent BBW #13.	ket room ow the , or y are and I		
	inside t for the No dou current very ve a good OK, ha got sta Short, s In com	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a poc the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it. bt the Carnivores will go to hell tip or no tip800 deep cavity, even with the long studs right now, that leaves .400 bell stud. The only thing is POI with the Carnivores. Kept to the same velocity as the "Parent bullet" they will be same POI, is the same bearing surface, length, and so forth. I think they just might, but not 100% sure as the bit lighter than the parent? We will also learn this as we move forward. we one more thing to leave you with. Our buddy Dave Bush sent some Punch bullets to test out a couple of weeks ago riced on those tests yesterday. I was doing some low velocity work with the 50 B&M Super Short and the 458 B&M Super so it provided a good opportunity to start the tests with the Punch Solids. bination for comparison I also did the equivalent BBW #13.	ket room ow the , or y are and I		
	inside t for the No dou current very ve a good OK, ha got sta Short, s In com	think I am going to get time to sort it out this week, actually have some work to do mid week to the end of the week a But at least I will try and sort it out next week by doing the same test again, only cut the studs short so there is a poc the HP. Hopefully this will prove out and will be a very very easy fix! I think it will work, sounds very logical to me, gives tip to push inside the cavity, putting pressure inside, pushing blades outwards. Makes sense, we will try it. bt the Carnivores will go to hell tip or no tip800 deep cavity, even with the long studs right now, that leaves .400 bell stud. The only thing is POI with the Carnivores. Kept to the same velocity as the "Parent bullet" they will be same POI, is the same bearing surface, length, and so forth. I think they just might, but not 100% sure as the bit lighter than the parent? We will also learn this as we move forward. we one more thing to leave you with. Our buddy Dave Bush sent some Punch bullets to test out a couple of weeks ago riced on those tests yesterday. I was doing some low velocity work with the 50 B&M Super Short and the 458 B&M Super so it provided a good opportunity to start the tests with the Punch Solids. bination for comparison I also did the equivalent BBW #13.	ket room ow the , or y are and I		

50 B&M Super Short



50 B&M Super Short 8/6/11 1:12 Twist Rate 420 Punch Bullet 68% Meplat 43/LilGun Muzzle Velocity 1985 fps 22 yd Impact 1925 fps X1-42 Inches 2 Inches off Course X1-41 Inches Straight





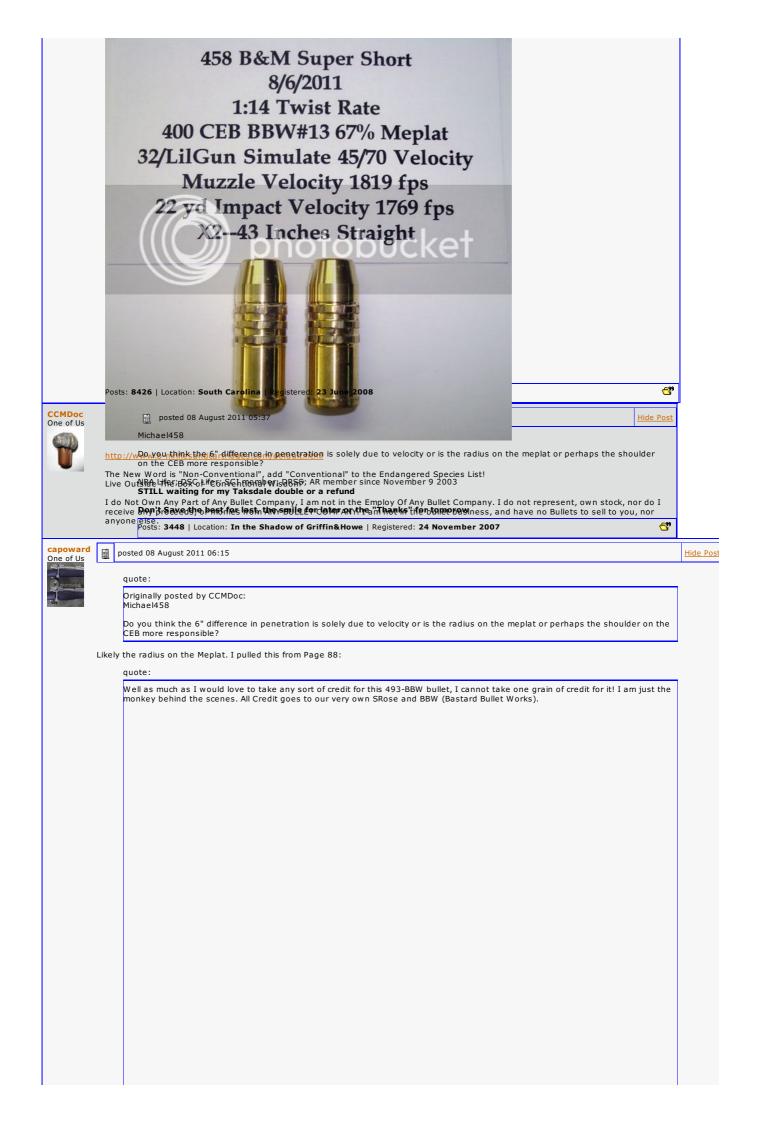
I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not represent, own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no Bullets to sell to you, nor anyone else.



I will be testing these again in a Marlin 45/70. I have already done so with the 400 BBW #13, so just need to get the Punch bullets in. Probably next week at this point.

458 B&M Super Short 8/6/2011 1:14 Twist Rate 400 Punch Bullet 75% Meplat 32/LilGun Simulate 45/70 Velocity Muzzle Velocity 1747 fps 22 yd Impact Velocity 1692 fps X1--36 Inches 2 Inches off Course X1--37 Inches 3 Inches off Course sideways in medium







Did I say I was testing this bullet with a bunch of other tests today???? I think I did, no, I am sure of it, I did, and I tested it! YIPPIE. And it did just as damn good as I had hoped, and thought that it would!

> 50 B&M 1:12 Twist Rate 493-Sam 65% Meplat Muzzle Velocity 2185 fps 22 yd Impact Velocity 2122 fps X2--63 Inches Dead Straight





I wish I had taken some photos of the loaded cartridges, this bullet really makes for a handsome looking cartridge! Michael

This one is a little more like it.

Sam

quote:

Originally posted by CCMDoc: Michael458

Do you think the 6" difference in penetration is solely due to velocity or is the radius on the meplat or perhaps the shoulder on the CEB more responsible?

Doc

I think it's a combination of things that gives the BBW #13 the edge. First, the Punch has a good nose profile, as we see from some of the earlier tests we did with some that Sam made. They are near the same, and had we not found the BBW #13 profile, I am guite sure we most likely would have went with a profile very similar.

Velocity does play a role as we all know. So that is a bit of it.

The biggest factor in the deeper and straighter penetration of the BBW #13 is the sharp edges of the Punch, and the larger meplat size. At one time I thought the sharper edge might add to stability, however it does not in my opinion, and in fact, just the opposite the more I see of sharp edge bullets. I concur with Boomy, ""I think the radius is good for the fluid dynamics that adds to the penetration."" A smoother flow that is hard to upset. Of course we also know that the larger the meplat the less penetration we get. Most

will also say that it hits harde or up front, and in most circumstances I would concur that factor, however in this particular test the BBW #13 made a much larger cavity, that might have been due to the extra 75 fps or so? But it was substantial. The depth of penetration is not much of a concern to me with the Punch, more so the stability.

Michael

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

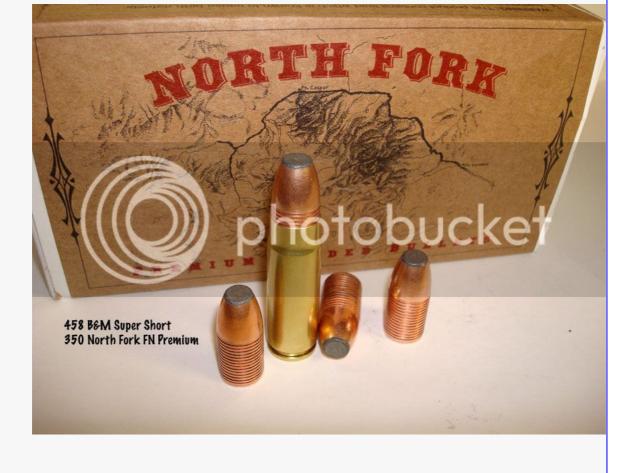
58 📓 posted 08 August 2011 14:59

G



At the request of North Fork I did a short study on a couple of bullets at low velocity to see what the lower end of expansion would be. We did some of this before I left for Africa, very interesting and we learned a good deal. I told you that we would do some more of this, and we are and will be as we can find the time to do so.

This is the .458 350 gr North Fork Premium, primary for the 45/70 I think. Since I was working with the 458 B&M Super Short anyway, and it's much easier to get low velocity loads with the 458 Super Short than many of my other cartridges, it makes it a prime candidate for this work.



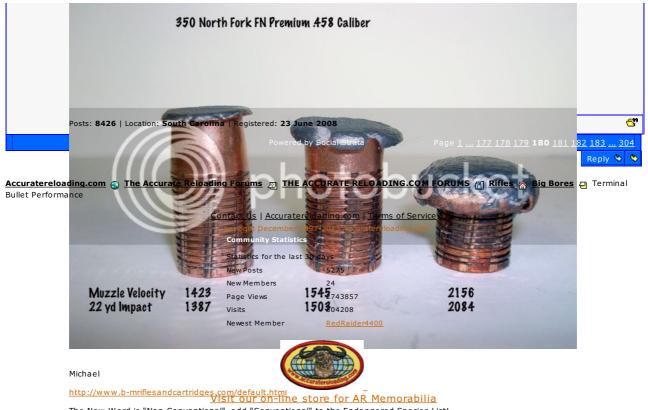


458 B&M Super Short 8/6/2011 1:14 Twist Rate 350 North Fork SS FN 43/LilGun Muzzle Velocity 2156 fps 22 yd Impact Velocity 2084 fps 17 Inches Penetration



I could have used a couple of velocities between 1500 and 2100, and then some over 2100 to complete the study better, and will at later dates. But this gives a pretty good start.





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.