This topic can be found at:

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

Gerard 09 March 2010, 22:19

Terminal Bullet Performance

Michael,

Expansion of the meplat starts at impacts around 2300fps. Obviously expansion depends on the SD of the bullet and how fast it is slowed down in target. Mainly, the expansion enhances the qualities that make for straight line penetration rather than detract from it.

I have access to a website that is needing some content. If you want to post the spreadsheet there as a download, you are welcome. Mail it to me and I will get it up. In fact, anyone who has an article or item of interest to put up, mail it to me and we can create a category for it, if it needs it, and place it.

http://www.shooter.co.za

capoward 09 March 2010, 22:46

Boy it's been a busy day already.

Ok, regarding the NF 500gr .474 FN meplat; I thought as it had performed so efficiently from Mike's DR with its 18.9" twist rate that perhaps we needed to dig a little deeper. So shortly after Mike posted his testing results I inquired directly on the NF website and asked if they could identify some specific information relating to their CPS and FPS copper solids for me.

This past Sunday I received the NF response...many thanks to them for their customer service! \bigcirc The meplat as stated by NF is 0.396" diameter. And we have Mike's measurements

quote:

Originally posted by Mike70560:

I checked it again. Used black ink and stamped it on white paper. Measured .335-.336

83% equals .393 and that is the measurement at the edge of the bevel (which is slightly rounded) on the side of the bullet.

which would indicate the NF meplat dimensions include the edge bevel - perhaps a CNC programming dimension...? No idea.

Which methodology is better, purely stamped flat surface or inclusion of bevel? Do we need to capture both specifications? Quen sabe?

Now, Doc M's latest greatest updated data capture sheet...finally figured out how to get it posted so here are the four separate sheets:

	rements tak	en by ink	stamping the	meplat on	paper.	_							
200	C5-100-10-11-0-11	100000000000000000000000000000000000000	eot silinensis/uss		and the same	_							
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510 Culiber	Solida A F	MJ Teuty											
									Muzzle	Impact	Impact		Straight
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													1 2
500 Caliber	Solids or	PMAL TAKES							00				I common 2
water.	MI water			Contract	Brandon C			en:	Muzzie	Impact	Impact	market at	Straight
Bullet	Dlamater	Meplet	% Moplat	Length	Bearing Su	urface 9	Bearing	50	Velocity	Velocity	Distance	TWIST Ra	te Penetration
550 SSK	0.499	0.33	56,00%	1.3325	. 0	.505	38.00%	0.314	2220	2175	22 yds	1	12 68
FN	7 10 1							11/54/540	2212		22 yds		12 64
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512 RN SSK 510 SSK FN	0.499	0.33	56.00%	1.2315	5 0	0,645	51.00W	0.291	2196 2194 2048 2082 Average of 2050 2050 Average of	2165 0 0 Many Test	22 yds 50 yds 50 yds 50 yds 50 yds 22 yds 22 yds 48 yds 50 B6M-2	1 1 1 1 1 050 to 21	12 63 11 63 118 2.5 112 38 112 64 112 62 112 62 100 fps Muzzie
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512 RN SSK 510 SSK FN 485 SSK	0.499	0.33	66.00M	1.2315	5 0	0,645	51.00W	0.291	2196 2194 2048 2032 Average of 2050 2050 Average of 2120 Average of	2163 F) 56 O O O Many Test 2225 O O Many Tests 2098 Many Tests	22 yds 50 yds 50 yds 50 yds 50 yds 22 yds 22 yds 48 yds 50 B6M-2 22 yds 22 yds	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 63 11 63 118 2.5 112 38 112 64 112 62 112 62 100 fps Muzzie
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Buster								Average of	2	1		
								1925	1847	22 yds	1:12	58
								Average of		EZ yus		- 00
								2258		22 yds	1:12	4.5
								Average of	2			
470 Caliber	Solid and F	MJ Touts										
						II		Muzzle	Impact	Impact	The second	Straight
Bullet	Diameter	Meplet	% Moplet	Length	Bearing Surface 9	Bearing	SD	Velocity	Velocity	Distance	Twist Rate	Penetration
500 Wood	0.4725	0	0	1.332	0.625	47.00%	0.31	2172		20 yds	1:10	20
FMJ	V.11 E.0		100	1177		311.000	0.01		3 rounds-			- 75
ran Book												
SOO Barnes RN	0.4725	0	0	0	0	0	0.31	2147	0	48 yds	1:10	24
1551							107.63-3-		3 rounds-1			
500 Barnes				1000000	19700						-	
Banded	0.473	0.316	57,00%	1,4385	0.43	30,00%	0.31	Not Tested			-	
500 Trophy	0.474	0.275	58,00%	1,307	0.125	10.00%	0.31	Not Tested	Almost no	bearing st	urface??????	
Bonded		. Owens	1221	2000000			9165000	Contract Contract	Old Trophy	Bonded bi	ullets	
				_		-				-	3 -	
==			7971			10		- 16	BI	116	$\mathbf{H}:=$	
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458 Calibur	Sold or H	LI Tests	- 4									
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Economic Control		2210202021	200 200 000 000	20000000 /		ALCO DE LA CONTRACTOR DE	220	Muzzie	Impact	Impact	2000 2000	Straight
Bullet	Diameter	Meplat	% Meplat	Length	Bearing Surface 9	Bearing	SD	Velocity	Velocity	Distance	Twist Rate	Penetration
550WoodFM.												28
	0.458	0	0	0	0	0	0.87	. 0	2146	22 yds	1:14	
							100000000					John
SOOWoo FMJ						35.00%	100000000	2100	2051	ZZ yds	1:14	31
500Wpg FMJ							100000000		2051			31
J	0.458	0	0	1,389	0.48	35.00%	0.34	1 2100	2051 1776	22 yds 22 yds	1:14	81 24
500 Barnes		0	0	1,389	0.48		0.34	1 2100	2051 1776 2160	22 yds 22 yds 22 yds	1:14	31 24 52+
J	0.458	0	0	1,389	0.48	35.00%	0.34	1 2100 1827 1 2209 1815	2051 1776 2160 1780	22 yds 22 yds 22 yds 22 yds 22 yds	1:14 1:14 1:14	31 24 52+
500 Barnes	0.458	0	0	1,389	0.48	35.00%	0.34	1 2100 1827 1 2209 1815 Both Veloch	2051 1776 2160 1780 y Tests out	22 yds 22 yds 22 yds 22 yds the back	1:14 1:14 1:14 1:14	31 24 52+ 52+
500 Barnes	0.458	0	0	1,389	0.48	35.00%	0.34	1 2100 1827 1 2209 1815	2051 1776 2160 1780 y Tests out	22 yds 22 yds 22 yds 22 yds 22 yds	1:14 1:14 1:14 1:14	52+ 62+ 55-43
500 Barnes	0.458	0	0	1,389	0.48	35.00%	0.34	1 2100 1827 1 2209 1815 Both Veloch	2051 1776 2160 1780 y Tests out 1453	22 yds 22 yds 22 yds 22 yds the back	1:14 1:14 1:14 1:14	52+ 62+ 55-43 Total 52-53

									1	11		
500 Nosler	0.457	0.275	50.00%	1.580	0.706	46.00%	0.341	0	2181	22 yds	1:34	61
500 Super	0.456	0.28	61.00%	1.5765	0.245	15.00%	0.341	0	2160	22 yds	1:15	30
Penetrator												
500 Rhino	0.456	0.28	61.00%	1,572	0,706	45,00%	0.341	0	2198	22 yds	1:15	58
480 Hornady DGS	0,4565	0.246	54.00%	1,532	0,586	44,00%	0,327	2157	2121	20 yds	1:14	31
475 JDJ	0.457	0.302	66.00%	1.469	0,216	15,00%	0.523	0	2140	20 yds	1:14	62
450 Barnes	0,456	0,9	66,00%	1,371	0,363	26,00%	0,306	2227	2172	22 yds	1:14	5 6
Banded								Average of	Many Tests	458 BAM		
450 North	0.457	0.314	69.00%	1.362	0.42	31.00%	0.306	0	2212	17 R	1:14	51
Fork							X2-Each	0	2160	22 yds	1:14	5.6
400 Wood	0.457	0.117	69.00%	1.234	0.4	82.00%		0	2812	17 ft	1:14	50
Mone	44		- 1				X 2					
400 Barnes	0.457	0.288	50.00%	1.076	0.603	\$6.00%	0.272			48 yds	1:20	
Buster	88	-	118	1				2051		48 yds 48 yds	1:18	
								1040	1000	no yes		
			7.9.2.1		-	Te	H H 6	2051		48 yds	1:14	
	122		011		741							-
330 Barnes Banded	0.456	0.3	66.00%	1.021	0.236	23.00%	0.225	2138		46 yds 22 yds	1:14	
			\mathcal{A}									
416 Caliber	Solid or FM	J Tests						Muzzie	impact	Impact		Straight
Bullet	Diameter	Meplet	% Meplet	Length	Bearing Surface	6 Bearing	50	Velocity	Velocity	Distance	Twist Rete	
410 GSC	0.416	0.242	58.00%	1,51	0.234	15.00%	0.338	0	2144	17.15	1:15	5.5
								0		17 ft	1:14	
									292/	17 16	35.15	- 50
410 Super Penetrator	0.415	0.28	67.00%	1.536	0.279	18.00%	0.538	2310	0	22 yds	1:14	50
400 Hornady	0.416	0	0	0	0	0	0.331	2107	2070	20 yds	1:14	
FMJ-RN								2293	2255	20 yds	1:14	2.0
400 Barnes	0.415	0	0	0	0	0	0.331	2421	0	22 yds	1:14	82

400 Grand Slam	0.415	0.214	52.00%	1,305	0,545	42,00%	0,531	2417 X2	2362	22 yds	1:14	64
400 Barnes	0,4155	0.25	60.00%	1,478	0.469	\$2,00%	0.331	2497	2.00	ZZ yds	1:14	60
Banded Barnes	0,4155	0.23	80.00%	1,97.0	0,469	32,00%	0.331	Was 1 Inch				60
370 North	0.4155	0.271	65.00%	1.3815	0.34	25,00%	0,305	0		17 R	1:14	
Fork				1			ACADIC CO.	0	2340	22 yds	1:14	56
350 Barnes	0.415	0.25	60.00%	1.3035	0,377	29,00%	0.289			45 yds	1:14	58
Banded FN							-	Average Ma				
								0		17 R	1:14	
								0	2127	17 R	1:14	62
966 Caliber	Solid and F	W Tosts	1					Muzzle	Impact	Impact		Straight
Bullet	Diameter	Maplat	14 Maplet	ength	Bearing Surface	% Regring	SD			Distance	Twist Rate	
	1 SCHOOL - MARKET - 1		5 W W W	C. Thirties Co.	SCHOOL STREET, STREET			VEIGUITY	Aniocity		14.0	Penetration
	0.364	0	122	1.3995	1000000-00000	95,09%	0,841	0	1872	17 R	1:12	6.5
	0,364	0	122	10000000	1000000-00000			0	1872	17 R	1:12	61
	0,364	0	122	10000000	1000000-00000			0 0 2315	1872 2201 2257	17 ft 17 ft 22 yds	1:12 1:12 1:12	61 61 73
	0.364	0	122	10000000	1000000-00000			0	1872 2201 2257	17 R	1:12	61 61 73
	0.364	0	122	10000000	1000000-00000			0 0 2315	1872 2201 2257	17 ft 17 ft 22 yds	1:12 1:12 1:12	61 61 73
	0.364	•	122	10000000	1000000-00000			0 0 2315	1872 2201 2257	17 ft 17 ft 22 yds	1:12 1:12 1:12	61 61 73
FMJ			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 ft 17 ft 22 yds 22 yds	1:12 1:12 1:12 1:12	61 61 73 64
FMJ 286 Barnes	0,364 0 ,365		o	10000000	0.765	55,00%		0 0 2315 2446	1872 1201 1257 2380	17 ft 17 ft 22 yds 22 yds	1:12 1:12 1:12 1:12	63 73 64
\$20 Wood FMJ 286 Barnes Banded FN			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 R 17 R 22 yds 22 yds 17 R	1:12 1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4
FMJ 286 Barnes			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 ft 17 ft 22 yds 22 yds	1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4
FMJ 286 Barnes			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 R 17 R 22 yds 22 yds 17 R	1:12 1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4
FMJ 286 Barnes			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 R 17 R 22 yds 22 yds 17 R	1:12 1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4
FMJ 286 Barnes			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 R 17 R 22 yds 22 yds 17 R	1:12 1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4
FMJ 286 Barnes			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 R 17 R 22 yds 22 yds 17 R	1:12 1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4
FMJ 286 Barnes			o	1.3995	0.765	55,00%	0,\$41	0 0 2315 2446	1872 2201 2257 2380	17 R 17 R 22 yds 22 yds 17 R	1:12 1:12 1:12 1:12 1:12	6 3 9 3 6 4 6 4



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

09 March 2010, 22:49 RIP

www.shooter.co.za

Gerard,

Nice!

My work 'puter is not smart enough to block that one!

I might add that I have the Wingyro working on another 'puter ow and can calculate SF finally.

I believe you shared that years ago, and I just now got it working. It was a problem with my end on the hardware/software interface.

I think you have found a home for your spreadsheets ... maybe more than one.

Since you have a South African wife, you ought to post on both sides of the pond.

Not logical, I know.

That expanded .395/340gr copper GSC FN was expanded by hitting water at 2700 fps.

Water is harder than concrete at that velocity, but not as abrasive.

By the time it got to the second waterbucket, I am sure it was down to 2300 fps or slower.

All that expansion probably happened in the first eight inches of water. Actually most of it occurred in the first 2 or 3 inches of water, most likely.

Set it up nicely for straightline penetration.



RTP 09 March 2010, 22:52

Jim,

Good work. 🕮 I am blocked from looking at photobucket at the moment, will have to whip out the iphone and magnifying glass ...

buffalo 09 March 2010, 23:03

Michael.

What about the 500 Hornady DGS in .458 at 2300 f/s in the Lott and around 1900-2000 in the 458 B&M??? Maybe the 480 grs as well? 465HH got great results with the DGS, see if you can confirm in your testboxes...

capoward 09 March 2010, 23:19

Whoa. You can read them on a iPhone with a magnifying glass!! 😯 I almost need a magnifying glass to read them on my 17" laptop monitor!!



Andy 10 March 2010, 00:54

The 458 450 grain GS pictured was recovered in 5 gallon nylon buckets backed by a few 3/4 inch thick pine boards. It went through about 44 inches of buckets and four inches of wood as I recall. Velocity about 2,450 fps. 1-12 450 GA. Andy

10 March 2010, 01:47 I Bin Therbefor

Many thanks for the fine team work getting the spread sheets posted!



One more thing, please update as info is generated. 😊 🕯 🖼

10 March 2010, 02:11 michael458

auote:

Originally posted by Gerard:

Michael,

Expansion of the meplat starts at impacts around 2300fps. Obviously expansion depends on the SD of the bullet and how fast it is slowed down in target. Mainly, the expansion enhances the qualities that make for straight line penetration rather than detract from it.

I have access to a website that is needing some content. If you want to post the spreadsheet there as a download, you are welcome. Mail it to me and I will get it up. In fact, anyone who has an article or item of interest to put up, mail it to me and we can create a category for it, if it needs it, and place it. http://www.shooter.co.za

Gerard

I had in the past always contended that any deformation would or possibly could detract from straight line penetration. But I am not so sure of that these days, with as much as we are learning here. A lot of myths have been dispelled thus far. I understand the concept, and it does seem logical that by expanding the meplat upon impact, causing it to enlarge, larger meplat, deeper and straighter penetration! As long as that expanding meplat is even, which it seems to be. At least it certainly does not seem to distract from penetration from what we see.

Since I rarely run much big bore past 2300 with the exception of 416 then for me personally it does not come into effect.

Thanks so much for the offer to post on the site! It looks like Jim got it sorted out for us, as I knew he most likely would figure it out.

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 anvone else.

michael458 10 March 2010, 02:24

I knew there was a reason I keep you around! Excellent job! Don't know how you did that, not sure I want to know either! Maybe I experiment for the next updated sheet and enlarge the print some so we can see it! Hell I know what's on there and I can barely make it out! Larger Print for the next one!

As for the measurements, stamping is the only way I have confidence of being consistent with all bullets. For our purposes I think it will be enough.

RIP

Well I had a suspicion that either you or Jim would figure the spreadsheet out. I was correct!

I think a good test again with the same .395 bullet in the Sim-Test, eh? Might see Sim explode everywhere? Good concept, I just have not seen it.

Buffalo

Yes, will do the Hornady DGS! When they come in I will hammer them at several velocities and see what we see. As you see posted under the 458 section the one test did not do so well with the 480. So I don't put a lot of faith in them being able to perform with the big boys! Yes, I know all to well that 465HH did very good with them, and from what I have seen he is recommending them now! What

would he do if he ever shot a North Fork or Barnes Banded into an elephant, and saw how good that performed I wonder?

Andy

Thanks, good info!

TRT

Yes, every update I will send to Jim and Jim can post it! Maybe I will ask him how, but he does things that are too complicated for me to deal with! Good man to have on the team! (But he will drive you Quickload Crazy-so don't ask about that-and he is the Quickload King)

Didn't you say you were going to be in Charlotte at the NRA Convention?

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"

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quote:
Originally posted by Michael458:
But he will drive you Quickload Crazy-so don't ask about that-...

Hum...thought that was QuickDesign Crazy...Hum... Ok guess I can stop sharing...
Ok guess I can stop sharing...





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

michael458 10 March 2010, 02:51

Jim

Damn, did you see I was talking to IBT? No my man, just F%\$@*&G with ya! I am quite sure you are a genius! And these days you seem to be quite an asset, so thanks! I am just proud as can be I have one of those little photos under my name now! No one has said shit about it either!

All my life I have made it a point to surround myself with good folks! That is the way to success you know! So count yourself as one of those!

Michael

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jwp475 10 March 2010, 03:10

What is being done here is a lot of work and the information is light years ahead of the inaccurate BS that has been spouted for years.

To the testers 5 thumbs up and a toast.. 🕮 🕪 🖼 👊 👊 😅

A 9mm may expand to a larger diameter, but a 45 ain't going to shrink

Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing had happened.

- Winston Churchill

capoward 10 March 2010, 03:14

quote:

Originally posted by michael458:

Jim

Damn, did you see I was talking to IBT? No my man, just F% with ya!....I am just proud as can be I have one of those little photos under my name now! No one has said shit about it either!

Ok, just F%\$@*&G back with ya!

And, you're looking mighty perky...nice photograph!



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

capoward 10 March 2010, 03:16

quote:

Originally posted by jwp475:

What is being done here is a lot of work and the information is light years ahead of the inaccurate BS that has been spouted for years.

To the testers 5 thumbs up and a toast.. 🕮 🕮 💁 💁 🕞 🖜





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

465H&H 10 March 2010, 04:43

quote:

Originally posted by michael458:

1im

I knew there was a reason I keep you around! Excellent job! Don't know how you did that, not sure I want to know either! Maybe I experiment for the next updated sheet and enlarge the print some so we can see it! Hell I know what's on there and I can barely make it out! Larger Print for the next one!

As for the measurements, stamping is the only way I have confidence of being consistent with all bullets. For our purposes I think it will be enough.

RIP

Well I had a suspicion that either you or Jim would figure the spreadsheet out. I was correct!

I think a good test again with the same .395 bullet in the Sim-Test, eh? Might see Sim explode everywhere? Good concept, I just have not seen it.

Buffalo

Yes, will do the Hornady DGS! When they come in I will hammer them at several velocities and see what we see. As you see posted under the 458 section the one test did not do so well with the 480. So I don't put a lot of faith in them being able to perform with the big boys! Yes, I know all to well that 465HH did very good with them, and from what I have seen he is recommending them now! What would he do if he ever shot a North Fork or Barnes Banded into an elephant, and saw how

good that performed I wonder?



Andy

Thanks, good info!

IBT

Yes, every update I will send to Jim and Jim can post it! Maybe I will ask him how, but he does things that are too complicated for me to deal with! Good man to have on the team! (But he will drive you Quickload Crazy-so don't ask about that-and he is the Quickload King)

Didn't you say you were going to be in Charlotte at the NRA Convention?

Michael

Michael,

I have already done that with the NF. Check my last hunt report for the results.

465H&H

michael458 10 March 2010, 04:55

HEH! Depends on where you put the hunt report. I don't spend much time upstairs, it's a little to "pompous" for my tastes. Most of the time I cruise through just curious at what ignorant stupidity I might run across for laughs. And if you are posting it upstairs you are pretty much wasting your energy there, if it has to do with shooting and bullets, it needs to be here where at least it can be looked at by shooters.

3/10/10

You know this statement is a bit ugly, and for that I apologize for the rudeness of it, in doing my best to be a gentleman! But none the less, it's very hard for me to tolerate rudeness, arrogance, ego and ignorance, traits combined together as one in others in which they consider themselves legends in their own minds because of some sort of experience or another. Not directed at you 465 HH at all, but some you hang around with! I think you should keep better company and stay down here with us! Most of the time I simply ignore, but once and awhile I cannot abide by such, and simply must take them to task!

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capoward 10 March 2010, 05:52

quote:

Originally posted by michael458:

465

HEH! Depends on where you put the hunt report. I don't spend much time upstairs, it's a little to "pompous" for my tastes. Most of the time I cruise through just curious at what ignorant stupidity I might run across for laughs. And if you are posting it upstairs you are pretty much wasting your energy there, if it has to do with shooting and bullets, it needs to be here where at least it can be looked at by shooters.

М

Michael,

Here's H's post over on the DR Forum, 470 vs 500 (Penetration) Thread:

quote

Originally posted by 465H&H:

Here are some results from my use of various solids on elephants. I will limit this to frontal head shots for the time being. In general I have found that RN steel jacket solids will penetrate to the middle of the neck. That is for 480 to 500 grain bullets out of the 465 or 470 rifles. Hornady 500 grain 458 Win bullets (DGS) at 2,150 fps were found at the front of the shoulder, approximately 18" farther than the Woodleighs. North Fork FN solid was found about 12" behind the shoulder bone in the in the back strap next to the spine. Still more penetration. Out of the Lott, the 458 woodleigh 550 grain bullets at 2,150 fps were found in the stomach contents. That is over six feet pf penetration. I haven't tried any 500 bullets so I can't say what they would do. I also give a caveat with the above results. My sample sizes are small but the results were consistent. My next try may not be as consistent. All of these bullets killed the elephants in a most satisfying manner. I would use any of them again.

465H&H

I'll try to summarize as follows:

Calibers - Penetration on frontal head shots of elephant:

.465 & .475 Calibers:

480gr & 500gr Woodleigh FMJ RN: - frontal head to middle of the neck,

.458 WinMag @ 2150fps:

500gr .458 Hornady DGS FN: Woodleigh +18" (frontal head to front of shoulder)

500gr .458 North Fork FN: Woodleigh +30" (frontal head to back strap next to spine)

.458 Lott @ 2150 fps:

550gr .458 Hornady DGS FN: Woodleigh +30"+ (found in stomach - over 6' penetration)

Now if we knew the actual distance of "frontal head to middle of the neck" and "found in stomach – over 6' penetration" a better perspective could be developed.



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

someoldquy 10 March 2010, 07:12

auote:

No I have not forgot who come up with this, Thank You Glenn!

'ou're welcome! I'm glad I could contribute something other than aggravation. 🐨	
ley, I didn't really suggest lipstick for marking the meplat, did I?	
Great job on the spreadsheet, Jim. Jow don't get ticked off and delete it on us!	
Glenn	
Bin Therbefor	10 March 2010, 16:43
Didn't you say you were going to be in Charlotte at the NRA Convention?"	
Vill not be at NRA this year. It's the Shoot Show's turn. Did attend the DSC earlier in the year. I try Shoot Show in some sort of order. One a year.	to rotate the NRA, SCI, DSC and
michael458	10 March 2010, 17:1
ВТ	
OK then I suppose I won't see you there. I don't make many shows anymore. I do love SHOT and the loor nearly I will be there for Friday and Saturday on the floor. I won't attend other functions, just ${\sf S}$	
1ichael	
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•	
The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List! ive Outside The Box of "Conventional Wisdom"	
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Whitworth	10 March 2010, 18:10
quote:	
Originally posted by michael458: IBT	
OK then I suppose I won't see you there. I don't make many shows anymore. I do love SHOT in my back door nearly I will be there for Friday and Saturday on the floor. I won't attend other	
Michael	
will see you there, Michael!	
Ignorance you can correct, you can't fix stupid." JWP	
f stupidity hurt, a lot of people would be walking around screaming.	
Semper Fidelis	
Building Carpal Tunnel one round at a time"	
OWright	10 March 2010, 19:0
quote:	,
DWright	
I was thinking about you this morning and wondering where you have been? About the thread thought it? But here we are. I suppose some folks are very upset that it has continued, don't	
there!	,

O, I'm here Michael. . . . yup, right here Keepin an eye on all the testing goin on, in case I have to jump in to keep you between the picket fences!

But it looks like you are doin just fine so far on your own. . . . But remember. . . .



http://www.mazamasportinggoods.com

jwp475 10 March 2010, 19:21

quote:

DWright

I was thinking about you this morning and wondering where you have been? About the thread, yeah, who would have thought it? But here we are. I suppose some folks are very upset that it has continued, don't you suspect? The truth is out there!

But, where is there? I could not find it on my GPS

A 9mm may expand to a larger diameter, but a 45 ain't going to shrink

Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing had happened.

- Winston Churchill

Whitworth 10 March 2010, 19:26

quote:

Originally posted by jwp475:

quote:

DWright

I was thinking about you this morning and wondering where you have been? About the thread, yeah, who would have thought it? But here we are. I suppose some folks are very upset that it has continued, don't you suspect? The truth is out there!

But, where is there? I could not find it on my GPS

Evidently you need a better GPS...... @



"Ignorance you can correct, you can't fix stupid." JWP

If stupidity hurt, a lot of people would be walking around screaming.

Semper Fidelis

"Building Carpal Tunnel one round at a time"

michael458 10 March 2010, 19:31

Excellent Whitworth--For sure will catch up with you there on the floor I suppose, or are you behind the scenes somewhere?

Dwright, keep watching!

JWP

There? Here is there? All truth flows from South Carolina!



Had a GPS once, could not figure out anything other than on and off! Much past that I just soon use a compass! But I do have that on and off button whipped!

OK, little break, back to the lab, then back to the range!

Michael

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michael458 11 March 2010, 17:22

I think I might have the spreadsheet thing figured out. Also made some improvements on the way it appears (I think) since I have and keep the data. If this works well, then it is not an issue for me to update and post when needed. So we see below?

458 Caliber			G WCII, C	iicii it is	not an issue i	or the to	upuate a	na post	WIICH IIC	cucu. Sc	We see E	CIOW:
									200000000000000000000000000000000000000			2000000
	Between transcript	N. C. Tara				. monotono	0.0	Muzzle	Impact	Impact	W	Straight
Bullet	Diameter	Meplat	% Meplat	Length	Bearing Surface9	6 Bearing	SD	Velocity	Velocity	Distance	Twist Rate	Penetration
550WoodFM	0.458	0	0	0	0	0	0.374	0	2146	22 yds	1:14	2 8
500Woo FM	0.458	0	0	1.389	0.48	35.00%	0.341	2100	2051	22 yds	1:14	3 1
3001100 711	0,150		ŭ	1.505	0.10	33.00%	0.571	1827		22 yds	1:14	7
500 Barnes	0.456	0.3	66.00%	1.519	0.444	29.00%	0.341	2209	2160	22 yds	1:14	62+
Banded	0.430	0.5	00.00%	1.313	0.111	25.00%	0.341	1815		22 yds		62+
											of the box!	
							X2	1489	1453	22 yds	1:14	35-43 52-53
							X 2	2213	2148	22 yds	1:14	
500 Nosler	0.457	0.275	60.00%	1.530	0.706	46.00%	0.341	0	2181	22 yds	1:14	62
300 1103101	0.10,		00.00%	1,550	0.700	40.00%	0.541	, and	2101	LL JOS	- Military	
500 Super Penetrator	0.456	0.28	61.00%	1.5765	0.246	15.00%	0.341	0	2160	22 yds	1:14	30
500 Rhino	0.45	0.28	61.00%	1.572	0.706	45.00%	0.341	0	2198	22 yds	1:14	5.8
480Hornady DGS	0.4565	0.246	54.00%	1.332	0.586	44.0096	0.327	2157	2121	20 yds	1:14	31
475 JDJ	0.457	0.302	66.00%	1.469	0.216	15.00%	0.323	0	2140	20 yds	1:14	62
450 Barnes Banded	0.456	0.3	66.00%	1.371	0.363	26.00%	0.306		2172 Many Test	22 yds	1:14	5 6
450 North Fork	0.457	0.314	69.00%	1.362	0.42	31.00%	0.306 X2-Each	0		17 ft 22 yds	1:14	
400 Wood	0.457	0.317	69.00%	1.234	0.4	32.00%	0.272 X2	0	2312	17 ft	1:14	5 0
Mono							XZ					
400 Barnes	0.457	0.268	58.00%	1.076	0.603	56.00%	0.272			48 yds	1:20	
Buster								2051		48 yds	1:20	
								1828	1698	48 yds	1:18	28
								2051	1902	48 yds	1:14	3 3
								2043	1908	48 yds	1:14	3 4
330 Barnes	0.456	0.3	66.00%	1.021	0.236	23.00%	0.225			48 yds	1:20	
Banded								2331	2281	22 yds	1:14	50

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michael458 11 March 2010, 17:23

Well that appears pretty good looks like to me!

Michael

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416Tanzan 11 March 2010, 18:23

It would be nice to have the expandable data, and 338, too, when you get a chance.

"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 11 March 2010, 18:46

Tanzan

When I saw your post in my email, I remembered, wait, in the solids we also did a 250 Barnes 338, that I neglected putting on the spreadsheet.

What has been posted is Solids and FMJ only---no expanding bullets. The way I keep terminal data is by caliber. All expanding and solids are on those sheets, but, this was a request from Capoward which included all measurements of solids, so it is totally separate sheet from the other data.

As for expanding, yes that is something I can work on and get posted now that I know how to do it.

I will endeavor to get some data posted.

Michael

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michael458 11 March 2010, 18:59

Tanzan

How's this work for you?

	reriormance rests	for .338 Caliber	r Bullets				
Date	Bullet	Muzzle	Impact	Impact	Penetration	Retained	
		Velocity FPS	Velocity F	173,000,000,000	Inches	Weight	
38 Ultra	Terminal Tests-	Wet Print/Mac	nazine Mix				
1/26/10	160 BarTTSX	3113	2985	48 yds	10"	159	
1/26/10	185 BarTTSX	3201	3095	48 yds	11"	184	
1/20/10	210 Barnes X	3211	3080	48 yds	11"	209	
	210 Nosler P	3155		48 yds	11"	162	
	225 Hornady	3144		48 yds	11"	145	
	225 Nosler A	3152		48 yds	11"		Trauma
	225 RemBond	3108		48 yds	10"		Extreme Trauma 4"
	225 Wood PP	3113		48 yds	10"	-	Extreme Trauma 4"
	225 Swift	3130		48 yds	15"	206	
	225 BarTSX	3177		48 yds	18"	1000	Petals Shear-Trauma
	250 Hornady	2977		48 yds	11"	146	
	250 Nosler P	2963		48 yds	16"	195	
	250 BarSolid	2170		48 yds	48"		Straight Line Penetration
	250 BarSolid	2747		48 yds	17"	20000	Straight Line Penetration
1/20/10	275 Swift	2798	2011	48 yds	17	261	
		111	1				
		Muzzle	Impact	Impact	Penetration		NICKOT
	11117	Muzzle Velocity FPS	Impact Velocity FI		Penetration Inches	Retained Weight	DUCKET
38 Winc	hester Terminal F	Velocity FPS	Velocity FI	Distance	Inches		DUCKET
338 Winc	hester Terminal F	Velocity FPS	Velocity FI	Distance	Inches		DUCKET
	hester Terminal F	Velocity FPS	Velocity Fi	Distance	Inches		bucket
1/26/10		Velocity FPS Performance20	Velocity Fi	Distance vet print/mag	Mix	Weight	
1/26/10 1/22/10	160 BarTTSX	Velocity FPS Performance20 2959	Velocity FI 10 Tests v 2831 2837	Distance vet print/mag 48 yds	Mix 10"	Weight	
1/26/10 1/22/10 1/26/10	160 BarTTSX 180 Nosler A	Velocity FPS Performance20 2959 2991	Velocity FI 10 Tests v 2831 2837 2872	vet print/mag 48 yds 48 yds	Mix 10" 10"	159 136	
1/26/10 1/22/10 1/26/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX	Velocity FPS Performance20 2959 2991 2974	2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds	Mix 10" 11"	159 136 184	
1/26/10 1/22/10 1/26/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT	Velocity FPS Performance20 2959 2991 2974 2947	2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Mix 10" 10" 11" 10"	159 136 184 133	
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT	Velocity FPS Performance20 2959 2991 2974 2947	2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Mix 10" 10" 11" 10"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra	Velocity FPS Performance20 2959 2991 2974 2947 2913	2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	10" 10" 11" 11"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Only!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra	Velocity FPS Performance20 2959 2991 2974 2947 2913	2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50	10" 10" 11" 11"	159 136 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded	2959 2991 2974 2947 2913	2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50	Inches Mix 10" 10" 11" 10" 11"	159 136 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps	Velocity FI 10 Tests v 2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50	10" 10" 11" 10" 11" 10" 11"	159 136 184 133 181 148	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady	2959 2991 2974 2947 2913 2693 fps 2640 fps	Velocity FI 10 Tests v 2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50	10" 10" 11" 10" 11" 16"	159 136 184 133 181 148 170	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P	2959 2991 2974 2947 2913 2693 fps 2640 fps	Velocity FI 10 Tests v 2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds	Inches Mix 10" 10" 11" 10" 11" 16"	159 136 184 133 181 148 170 209 151	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 38 Win 38 Win 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady	Velocity FPS 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878	Velocity FI 10 Tests v 2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds 48 yds 48 yds 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14"	159 136 184 133 181 148 170 209 151 167	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 38 Win 38 Win 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884	2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 11" 14" 13"	159 136 184 133 181 148 170 209 151 167 145	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 38 Win 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851	2831 2837 2872 2854 0 2783 2799 0 2788 2724	48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13"	159 136 184 133 181 148 170 209 151 167 145 200	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 38 Win 38 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717	48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 13"	159 136 184 133 181 148 170 209 151 167 145 200 195	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934	2831 2837 2872 2854 0 2783 2799 2788 2724 2717 2821	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753	## Print/mag ### Print/mag ### Print/mag ### ### ### ### ### ### ### ### ###	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2585	## Print/mag ### Print/mag ### Print/mag ### Print/mag ### ### Print/mag ### ### ### Print/mag ### ### ### ### ### #### #### ### ### ### ### #### #### ##### ### ### ### #### #### ######	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2585 2645	## Print/mag ### Print/mag ### Print/mag ### ### ### ### ### #### ### ### ###	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 13" 14" 15" 14" 16"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 205 176 200	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P 250 Swift A	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 283 2676 2736 2644	2831 2837 2872 2854 0 2788 2799 0 2788 2724 2717 2821 2753 2585 2645 2534	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 242	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P 250 Swift A 250 BarTSX	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736 2644 2525	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2645 2645 2534 2469	48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 2442 250	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 1/22/10 38 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P 250 Swift A	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 283 2676 2736 2644	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2645 2645 2534 2469	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 242	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 1/22/10 38 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P 250 Swift A 250 BarTSX	2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736 2644 2525	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2645 2645 2534 2469	48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 2442 250	NOTE-These Tests were Old Tests-Wet Print Only! Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps

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Whitworth 11 March 2010, 19:01

"Ignorance you can correct, you can't fix stupid." JWP
If stupidity hurt, a lot of people would be walking around screaming.
Semper Fidelis
"Building Carpal Tunnel one round at a time"
michael458 11 March 2010, 19:12
quote:
Originally posted by Whitworth: Michael, PM sent
Got it and replied back. 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, 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.
michael458 11 March 2010, 19:13
Now I am outta here, I have range work to do, some more load data on the 50 B&MSA.
Be back sometime later! 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, 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.
416Tanzan 11 March 2010, 20:16
quote:
Originally posted by michael458: Tanzan
How's this work for you?

erminal I	Performance Test	s for .338 Calibe	r Bullets					
ate	Bullet	Muzzle	Impact	Impact	Penetration	Retained		
		Velocity FPS	Velocity FI	Distance	Inches	Weight		
		-						
338 Ultra	Terminal Tests	Wet Print/Mag	gazine Mix					
					20.00000			
	160 BarTTSX	3113		48 yds	10"	159		
	185 BarTTSX	3201		48 yds	11"	184		
	210 Barnes X	3211		48 yds	11"	209		
	210 Nosler P	3155		48 yds	11"	162		
	225 Hornady	3144		48 yds	11"	145		
	225 Nosler A	3152		48 yds	11"		Trauma	
	225 RemBond	3108		48 yds	10"	-	Extreme Trauma 4"	
	225 Wood PP 225 Swift	3113 3130		48 yds 48 yds	15"	206	Extreme Trauma 4"	
	225 Swift 225 BarTSX	3130		48 yds	18"	70.70	Petals Shear-Trauma	
	250 Hornady	2977		48 yds	11"	146		
	250 Hornady 250 Nosler P	2963		48 yds	16"	195		
	250 BarSolid	2170		48 yds	48"		Straight Line Penetration	
	250 BarSolid	2747		48 yds	60"	1000000	Straight Line Penetration	
	275 Swift	2798		48 yds	17"	261	or agric Line i energioni	
17 207 10	L7 5 SWIIC	2750	LOTT	10)03		201		
	W 100 100 100 100							
	HHI	Muzzle	Impact	Impact	Penetration	Retained	NICKOT .	
	((((Muzzle Velocity FPS	1.000	Impact Distance	Penetration Inches	Retained Weight	bucket	
		Velocity FPS	Velocity FI	Distance	Inches	1 2000000000000000000000000000000000000	bucket	
338 Winch	nester Terminal	Velocity FPS	Velocity FI	Distance	Inches	1 2000000000000000000000000000000000000	bucket	
338 Winch	nester Terminal	Velocity FPS	Velocity FI	Distance	Inches	1 2000000000000000000000000000000000000	bucket	
		Velocity FPS Performance20	Velocity Fi	Distance vet print/mag	Inches Mix	Weight	bucket	
1/26/10	160 BarTTSX	Velocity FPS Performance20 2959	Velocity Fi	Distance vet print/mag 48 yds	Mix 10"	Weight		
1/26/10	160 BarTTSX 180 Nosler A	Velocity FPS Performance20 2959 2991	Velocity FI 10 Tests v 2831 2837	vet print/mag 48 yds 48 yds	Mix 10" 10"	159 136		
1/26/10 1/22/10 1/26/10	160 BarTTSX 180 Nosler A 185 BarTTSX	Velocity FPS Performance20 2959 2991 2974	Velocity FI 10 Tests v 2831 2837 2872	vet print/mag 48 yds 48 yds 48 yds 48 yds	Mix 10" 11"	159 136 184		
1/26/10 1/22/10 1/26/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT	Velocity FPS Performance20 2959 2991 2974 2947	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Mix 10" 10" 11" 10"	159 136 184 133		
1/26/10 1/22/10 1/26/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX	Velocity FPS Performance20 2959 2991 2974	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds	Mix 10" 11"	159 136 184		
1/26/10 1/22/10 1/26/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT	Velocity FPS Performance20 2959 2991 2974 2947	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Mix 10" 10" 11" 10"	159 136 184 133		
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra	Velocity FPS Performance20 2959 2991 2974 2947 2913	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	10" 10" 11" 11"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Onl	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra	Velocity FPS Performance20 2959 2991 2974 2947	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Mix 10" 10" 11" 10"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded	Velocity FPS Performance20 2959 2991 2974 2947 2913	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds	Inches Mix 10" 10" 11" 10" 11"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra	Velocity FPS Performance20 2959 2991 2974 2947 2913	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds	10" 10" 11" 11"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded	Velocity FPS Performance20 2959 2991 2974 2947 2913	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds	Inches Mix 10" 10" 11" 10" 11"	159 136 184 133 181	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps	Velocity FI 10 Tests v 2831 2837 2872 2854	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50	10" 10" 11" 10" 11" 10" 11"	159 136 184 133 181 148	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps	Velocity FI 10 Tests v 2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50	Inches Mix 10" 10" 11" 10" 11" 16"	159 136 184 133 181 148 170	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps	Velocity FI 10 Tests v 2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds	Inches Mix 10" 10" 11" 10" 11" 16"	159 136 184 133 181 148 170 209 151	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878	Velocity FI 10 Tests v 2831 2837 2872 2854 0 2783 2799	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds 48 yds 48 yds 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14"	159 136 184 133 181 148 170 209 151 167	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884	2831 2837 2872 2854 0	vet print/mag 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds 48 yds 48 yds 48 yds 48 yds 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13"	159 136 184 133 181 148 170 209 151 167 145	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Remington	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851	2831 2837 2872 2854 0 2783 2799 0 2788 2724	48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13"	159 136 184 133 181 148 170 209 151 167 145 200	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717	48 yds 48 yds 48 yds 48 yds 48 yds 48 yds 50 50 48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 13"	159 136 184 133 181 148 170 209 151 167 145 200 195	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14"	159 136 184 133 181 148 170 209 151 167 145 200 195 202	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753	## Print/mag ### Print/mag ### Print/mag ### ### ### ### ### ### ### ### ###	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<<250# animals Max Velocity for this Bullet 2650 fps	ly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2585	## Print/mag ### Print/mag ### Print/mag ### Print/mag ### ### Print/mag ### ### ### Print/mag ### ### ### ### ### #### #### ### ### ### ### #### #### ##### ### ### ### #### #### ######	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 14" 15" 14"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	lly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2585 2645	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ily!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P 250 Swift A	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736 2644	2831 2837 2872 2854 0 2788 2799 0 2788 2724 2717 2821 2753 2585 2645	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 242	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ily!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 1/22/10 338 Win 338 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736 2644 2525	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2645 2534 2469	48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 242 250	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	lly!
1/26/10 1/22/10 1/26/10 1/22/10 1/22/10 1/22/10 838 Win 838 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P 250 Swift A	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736 2644	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2645 2534 2469	## A Superscript	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 242	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ily!
1/26/10 1/22/10 1/22/10 1/22/10 1/22/10 38 Win 38 Win 1/20/10	160 BarTTSX 180 Nosler A 185 BarTTSX 200 NoslerBT 215 Sierra 225 Nosler Bonded 250 Hornady 210 Barnes X 210 Nosler P 225 Hornady 225 Nosler A 225 Remington 225 Wood PP 225 Swift 225 BarTSX 250 Hornady 250 Nosler P	Velocity FPS Performance20 2959 2991 2974 2947 2913 2693 fps 2640 fps 2887 2917 2878 2884 2851 2859 2934 2883 2676 2736 2644 2525	2831 2837 2872 2854 0 2783 2799 0 2788 2724 2717 2821 2753 2645 2534 2469	48 yds	Inches Mix 10" 10" 11" 10" 11" 16" 13" 12" 14" 13" 13" 14" 15" 14" 16" 18" 18"	Weight 159 136 184 133 181 148 170 209 151 167 145 200 195 202 225 176 200 242 250	NOTE-These Tests were Old Tests-Wet Print Onl Good Performance<<<<250#animals Max Velocity for this bullet 2700 fps Very Good Performance<<<250# animals Max Velocity for this Bullet 2650 fps	ıly!

Hey Michael, that works for me!

There are going to be a lot of thankful animals in the forest for a neat, orderly invitation to dinner.

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Whitworth 11 March 2010, 22:01

[&]quot;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.

"Ignorance you can correct, you can't fix stupid." JWP

If stupidity hurt, a lot of people would be walking around screaming.

Semper Fidelis

"Building Carpal Tunnel one round at a time"

capoward 11 March 2010, 23:04

Nice picture Michael...not as perky as yesterday...but nice nonetheless.



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

sharpsguy 12 March 2010, 00:28

I've been wondering the same thing as Whitworth. What happened to the Garrett Hammerhead test?

jwp475 12 March 2010, 05:35

Yes, the 45-70 Hammer Heads, what happened?

A 9mm may expand to a larger diameter, but a 45 ain't going to shrink

Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing had happened.

- Winston Churchill

capoward 12 March 2010, 06:53

Did someone ever send some Hammerheads to Michael?

