THE ACCURATERELOADING.COM BIG BORE FORUMS



Accuratereloading.com 🍘 The Accurate Reloading Forums 🔊 THE ACCURATE RELOADING.COM FORUMS 🛍 Rifles 🚵 Big Bores 🖓 Terminal Bullet Performance Page 1 ... 297 298 299 300 301 302 303 304

Moderators: GeorgeS

6Tanzan	📓 posted 15 August 2014 03:13	Hide
e of Us	Image: Michael,	11100
1	yes, I consider 300 and 400 yards to be long range. It is part of the hunter's training.	
	Let me philosophize briefly.	
	Most bullets will kill an animal with a well-placed shot. Core-lokt, CEB, Nosler, Barnes, a good shot with any will dispatch an animal.	
	But we all know that SOMETIMES problems will arise, and for those marginal times we search for the perfect bullet. What kind of difference will the bullet 5%, 10%, or 20 and more % recovered animals than without the better bullet? It is very difficult to accurately appraise "what ifs". As hunters we pledge best that we can, so we plan, test, practice, and tinker in order to gain whatever per cent that we can. The same is true of calibre choices. There is a sm difference in calibre influence on game taken. It is hard to quantify the difference, but we know that it is there, and also that it must be balanced with the accurately handle whatever calibre and rifle design is chosen.	to do the all margin of
	All of this relates to long range shooting, too. What percent of opportunities comes knocking on the hunter's door between 260-400 yards? Probably und quite a bit lower if the cut-off is set at 300 yards and Africa is the setting. But there still remains that 2-5% of cases when an animal can be cleanly taken accuracy, the shooter's skill, and ammunition's testing has been fully explored. In the same way that we may search for the best bullets and plan for the and rifles, we may also plan for those opportunities that occasionally land between 260 and 400 yards.	n if the rifle's
	We may decide not to take the shot, but the all-around hunter can plan to be prepared for dropping a 300-yard hartebeest, zebra, or tommy, DRT. I was happy with the oribi at 200 yards and the 416Rigby a couple of years ago as the buffalo. No, I was happier with buffalo, but the rifle and I were ready fo	
	"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	
oward of Us	posted 15 August 2014 04:16	Hide
	auote:	
Astroceter	yes, I consider 300 and 400 yards to be long range. It is part of the hunter's training.	
	Let me philosophize briefly.	
	Let me philosophize briefly.	
	I'll play I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17″ with no iron sights	
_	I'll play I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger	uickly made S rifles with at 2406fps
	I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17" with no iron sights Dennis purchased the rifle for use against black bear in the Oregon forests where the shooting can be 'up front and personal' or 300+ yards away and q the stock change due to the lack of stability of the factory Hogue stock. He made the barrel length change after shooting one of Michael's little 50 B&M SS 16 %" barrel and sampling the 'handiness' of the little carbine length rifle – figured it'd make his Ruger a bit handier in the trees. Anyway, while we were on our shooting outing Dennis chronographed his 300gr RN Hornady loading – first time with his 17" barrel (cut the prior day) – a (for 3-shot average) at our first target shooting spot. The rifle was a joy to shoot with very little felt recoil and accurate to boot with the little leupold 2x	uickly made S rifles with at 2406fps fixed power ing Michael's each bullet as 300yds secret - very
	I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17" with no iron sights Dennis purchased the rifle for use against black bear in the Oregon forests where the shooting can be 'up front and personal' or 300+ yards away and q the stock change due to the lack of stability of the factory Hogue stock. He made the barrel length change after shooting one of Michael's little 50 B&M St 16 %' barrel and sampling the 'handiness' of the little carbine length rifle – figured it'd make his Ruger a bit handier in the trees. Anyway, while we were on our shooting outing Dennis chronographed his 300gr RN Hornady loading – first time with his 17" barrel (cut the prior day) – a (for 3-shot average) at our first target shooting spot. The rifle was a Joy to shoot with very little felt recoil and accurate to boot with the little Leupold 2x rifle scope. Later we moved to a cross canyon shooting location with the target at 325yds (previously laser length established) from our shooting spot. I was shooti 416 B&M with Al walnut stock and Leupold 1-4x20 variable scope, loads using both 300gr and 350gr Barnes TSX bullets. After running a few shots with weight to dope the breeze blowing through the canyon, I was able to keep my shots in the killing zone on the target – which I thought was prety good was my previous personally imposed limitation and I'm shooting "game killing accurate' at 325yds across a canyon with a rifle completely new to me. My simple, Michael had already accomplished the accurate load development and the AI walnut stock is a very stable platform which does nothing but enhar	uickly made S rifles with at 2406fps fixed power ing Michael's each bullet as 300yds secret – very nce the rifle's we killing zone
	I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17" with no iron sights Dennis purchased the rifle for use against black bear in the Oregon forests where the shooting can be 'up front and personal' or 300+ yards away and q the stock change due to the lack of stability of the factory Hogue stock. He made the barrel length change after shooting one of Michael's little 50 B&M S2 16 %" barrel and sampling the 'handiness' of the little carbine length rifle – figured it'd make his Ruger a bit handler in the trees. Anyway, while we were on our shooting outing Dennis chronographed his 300gr RN Hornady loading – first time with his 17" barrel (cut the prior day) – a (for 3-shot average) at our first target shooting spot. The rifle was a joy to shoot with very little felt recoil and accurate to boot with the little Leupoid 2x rifle scope. Later we moved to a cross canyon shooting location with the target at 325yds (previously laser length established) from our shooting spot. I was shootid 416 B&M with Al walnut stock and Leupoid 1-4x20 variable scope, loads using both 300gr and 350gr Barnes TSX bullets. After running a few shots with e weight to dope the breeze blowing through the canyon, I was able to keep my shots in the killing zone on the target – which I thought was prety good was my previous personally imposed limitation and 'I'm shooting "game killing accurate" at 325yds across a canyon with a rifle completely new to me. My simple, Michael had already accomplished the accurate load development and the Al walnut stock is a very stable platform which does nothing but enkar accuracy. Dennis however, having shot in the location previously was "on target" with the first shot and then proceeded to put multiple magazine loadings into th of the target. Obviously Dennis had previously developed an accurate loading as well as tuning his riff	uickly made S rifles with at 2406fps fixed power ing Michael's each bullet as 300yds secret – very nce the rifle's ue killing zone ecome bse not quite e 1950fps- pro out heavy
	I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17" with no iron sights Dennis purchased the rifle for use against black bear in the Oregon forests where the shooting can be 'up front and personal' or 300+ yards away and q the stock change due to the lack of stability of the factory Hogue stock. He made the barrel length change after shooting one of Michael's little 50 B&M SS 16 %' barrel and sampling the 'handiness' of the little carbine length rifle – figured it'd make his Ruger a bit handier in the trees. Anyway, while we were on our shooting outing Dennis chronographed his 300gr RN Hornady loading – first time with his 17" barrel (cut the prior day) – <i>a</i> (for 3-shot average) at our first target shooting spot. The rifle was a joy to shoot with very little felt recoil and accurate to boot with the little Leupold 2x rifle scope. Later we moved to a cross canyon shooting location with the target at 325yds (previously laser length established) from our shooting spot. I was shootid 416 B&M with Al walnut stock and Leupold 1-4x20 variable scope, loads using both 300gr and 350gr Barnes TSX bullets. After running a few shots with e weight to dope the breeze blowing through the canyon, I was able to keep my shots in the killing zone on the target – which I thought was prety good was my previous personally imposed limitation and I'm shooting 'game killing accurate' at 325yds across a canyon with a rifle completely new to me. My simple, Michael had already accomplished the accurate load development and the AI walnut stock is a very stable platform which does nothing but enhar accuracy. Dennis however, having shot in the location previously, was "on target" with the first shot and then proceeded to put multiple magazine loadings into th of the target. Obviously Dennis had previously developed an accurate loading ase well as tuning hir f	uickly made S rifles with at 2406fps fixed power ing Michael's aeach bullet as 300yds secret – very nee the rifle's nee killing zone ecome ose not quite e 1950fps- orn out heavy m with Michael's rifles accurately at the loading
	I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17" with no iron sights Dennis purchased the rifle for use against black bear in the Oregon forests where the shooting can be 'up front and personal' or 300+ yards away and q the stock change due to the lack of stability of the factory Hogue stock. He made the barrel length change after shooting one of Michael's little 50 B&M 52 16 %" barrel and sampling the 'handiness' of the little carbine length rifle – figured it'd make his Ruger a bit handler in the trees. Anyway, while we were on our shooting outing Dennis chronographed his 300gr RN Hornady loading – first time with his 17" barrel (cut the prior day) – z (for 3-shot average) at our first target shooting spot. The rifle was a Joy to shoot with very little felt recoil and accurate to boot with the little Leupoid 2x rifle scope. Later we moved to a cross canyon shooting location with the target at 325yds (previously laser length established) from our shooting spot. I was shootid 416 B&M with Al walnut stock and Leupoid 1-4x20 variable scope, loads using both 300gr and 350gr Barnes TSX bullets. After running a few shots with e weight to dope the breeze blowing through the canyon, I was able to keep my shots in the killing zone on the target – which I thought was prety good was my previous personally imposed limitation and 'I'm shooting "game killing accurate" at 325yds across a canyon with a rifle completely new to me. My simple, Michael had already accomplished the accurate load development and the Al walnut stock is a very stable platform which does nothing but enkar accuracy. Dennis however, having shot in the location previously was "on target" with the first shot and then proceeded to put multiple magazine loadings into th of the target. Obviously Dennis had previously developed an accurate loading as well as tuning his riff	uickly made S rifles with at 2406fps fixed power ing Michael's aeach bullet as 300yds secret – very nee the rifle's nee killing zone ecome ose not quite e 1950fps- orn out heavy m with Michael's rifles accurately at the loading
	I'll play My buddy Dennis up in Oregon has a Ruger M77 Alaskan in .375 Ruger with a few minor changes. He replaced the Hogue stock with one of the old Ruger style synthetic stocks – and he cut the barrel down to 17" with no iron sights Dennis purchased the rifle for use against black bear in the Oregon forests where the shooting can be 'up front and personal' or 300+ yards away and q the stock change due to the lack of stability of the factory Hogue stock. He made the barrel length change after shooting one of Michael's little 50 B&M 55 16 %" barrel and sampling the 'handiness' of the little carbine length rifle - figured it'd make his Ruger a bit handler in the trees. Anyway, while we were on our shooting outing Dennis chronographed his 300gr RN Hornady loading – first time with his 17" barrel (cut the prior day) – a (for 3-shot average) at our first target shooting spot. The rifle was a Joy to shoot with very little felt recoil and accurate to boot with the little Leupoid 2x rifle scope. Later we moved to a cross canyon shooting location with the target at 325yds (previously laser length established) from our shooting spot. I was shootid 416 B&M with Al walnut stock and Leupoid 1-4x20 variable scope, loads using both 300gr and 350gr Barnes TSX bullets. After running a few shots with e weight to dope the breeze blowing through the canyon, I was able to keep my shots in the killing zone on the target – which I thought was prety good was my previous personally imposed limitation and 'I'm shooting' game killing accurate' at 325yds across a canyon with a rifle completely new to me. My simple, Michael had already accomplished the accurate load development and the Al walnut stock is a very stable platform which does nothing but endar accuracy. Dennis however, having shot in the location previously, was "on target" with the first shot and then proceeded to put multiple magazine loadings into th of the target. Obviously Dennis had previously developed an accurate loading as well as tuning his rif	uickly made S rifles with at 2406fps fixed power ing Michael's aeach bullet as 300yds secret – very nee the rifle's nee killing zone ecome ose not quite e 1950fps- orn out heavy m with Michael's rifles accurately at the loading



L-R 3x.577 750gr Woodleigh FMJ (recovered from elephant); 2x.577 750gr Woodleigh SN (frontal brain on a buffalo recovered 6" under skin behind the head, mangled the brain and spine..) eland;last one is .500NE 570gr Woodleigh FMJ. Reason I don't like woodleigh solids too much in .577. Not to highjack the thread but to support the CEB/GS Custom explorationWink Thanks again to Sam Michael458 and others for all the "hard" 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.

്

josted 15 August 2014 20:00

quote:

Originally posted by Seasons44: [QUOTE]Originally posted by michael458:

You guys are a little out of my area doing the longer range work..... I do know this, Trap and Dan, the boys, have been very busy with the Oehler Acoustic System working with all the bullets at 600+ yards to get really tight BCs on the various designs.... When they publish a BC, its been tested at these longer ranges more than once and they are getting extremely good data...... I went over to the site a couple of weeks ago and saw lots of new data there that I did not have, all downloadable in pdf format, which I did and have a copy of it for reference.....

A few weeks back I had the opportunity to make it out to see Dan and Trap to do some testing, could not ask for better conditions we tested .308, 338, 375 bullets for BC, and busting clay's at 600 is always fun!



Simply, Elegant but always approachable

Posts: 354 | Location: New Jersey | Registered: 24 May 2011

tanks One of Us

I recently finished a bear hunt. I was using the 500MDM with 335gr tipped Raptors at 2800 ft/secs. At 5833 ft.lbf of energy a bit of an overkill but I wanted to use this gun. Here are the results. First the entrance wound, as you can see already expanded. ്









Posts: 1069 | Location: Southern CA | Registered: 01 January 2014

416Tanzan One of Us

posted 21 August 2014 00:16
Hey, Andy,
way to go! Nice job.

Tanz

+-+-+-+-+-+

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

	Posts: 4253 Registered: 10 June 2009	
chael458 e of Us		Hide
NE.	Man, that's UGLY Bear never new what hit him	
	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 proce from ANY BULLET COMPANY. I am not in the bullet business, and have no Bullets to sell to you, nor anyone else.	eds, or monies
	Posts: 8426 Location: South Carolina Registered: 23 June 2008	
gosawingnut e of Us	Image: Disted 21 August 2014 05:07 Michael,	Hide
	While in Zim, using my .375 H&H (I know a rat gun) I took an impala at about 340 yards with the 275 gr noncon. I don't think there is a problem with a Maybe a little overkill but that's the smallest caliber I took.	ccuracy at all.
	Posts: 4214 Location: Southern Colorado Registered: 09 October 2011	
nitworth derator	posted 21 August 2014 06:27	<u>Hide</u>
	Let's see the bear, tanks!	
A COL	"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"	
	Posts: 13440 Location: Virginia Registered: 10 July 2003	
i <mark>ks</mark> e of Us	posted 21 August 2014 06:47	Hide
	quote:	
	Originally posted by Whitworth: Let's see the bear, tanks!	
	Openation Openation	
	Posts: 1069 Location: Southern CA Registered: 01 January 2014	
lerator	i posted 21 August 2014 06:54	Hide
2	Very nice, tanks! Thank you! 😋 🛱 🚱	
No.	Very nice, tanks! Thank you! 🞯 🛱 🚱	
	"Ignorance you can correct, you can't fix stupid." JWP If stupidity hurt, a lot of people would be walking around screaming. Semper Fidelis	
	"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"	
award	"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" Posts: 13440 Location: Virginia Registered: 10 July 2003	
poward a of Us	"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" Posts: 13440 Location: Virginia Registered: 10 July 2003 Image: Posted 21 August 2014 08:00	Hide
poward e of Us	"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" Posts: 13440 Location: Virginia Registered: 10 July 2003 Image: Posted 21 August 2014 08:00 Really like the color	Hide
soward a of Us	"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" Posts: 13440 Location: Virginia Registered: 10 July 2003 Image: Posted 21 August 2014 08:00	Hide

Sean Russell One of Us	posted 21 August 2014 08:51	Hide Post
	Nicevery very nice.	
	Congratulations on a great trophy.	
	"The rule is perfect: in all matters of opinion our adversaries are insane." Mark Twain TANSTAAFL	
	www.savannagems.com A unique way to own a piece of Africa.	
	DSC Life NRA Life	
	Posts: 3386 Location: Central Texas Registered: 05 September 2013	්
prof242 one of us	posted 21 August 2014 12:34	Hide Post
	Beautiful bear, Tanks. Have to agree about the color, too. My problem, similar to yours, is that everything turns to jello inside so that I can't get a star picture of the wound damage.	
	.395 Family Member DRSS, po' boy member Political correctness is nothing but liberal enforced censorship	
	Posts: 3490 Location: Colorado Springs, CO Registered: 04 April 2003	්
416Tanzan One of Us	posted 21 August 2014 17:00	Hide Post
	Lady Tanz agrees that it is a beautiful bear. Me, too.	
995 - C	+-+-+-+	
	"A well-rounded hunting battery might include: 500 AccRei 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	්
coyote wacker One of Us	posted 21 August 2014 17:47	Hide Post
	tanksthat is a beautiful bearCEB's and heartsCEB wins everytime	
	Posts: 422 Location: Lk. St.Clair Registered: 11 February 2011	්

posted 23 August 2014 16:09



MORE SOLIDS.....

#1 Meplat Percentage of Caliber

#2 Nose Profile

#3 Construction & Material

#4 Nose Projection

#5 Radius Edge of Meplat

Above Factors are in Bullet Design

#6 Velocity

#7 Barrel Twist Rate

#8 Sectional Density

Currently the # of Manufacturers of Properly designed FN Solids is rather smallish....... Of course as most know, we have worked close with both North Fork and Cutting Edge Bullets to get some desig my personal purposes and use, but these have now become standard by both companies and of course available to all and are proving themselves in the field weekly.......

Recently I contacted my good friend "North Fork John" about changing up some North Fork bands. I wanted to see a wider band system incorporated at the top of the bullet to guide the bullet into the giving the rifling a bit better grip and improving accuracy and consistency of the North Forks... North Fork John, being a good sort of chap told me I was full of it, but we would work on it anyway... HEH

After a couple of back and forth designs, we settled on shortening the Nose Projection some, from .700 down to .600 above the top band, and .650 above the groove at the bottom of the top band... Projection is part of depth of penetration, with all other factors equal, a very short Nose Projection will continue to drive dead straight, but depth of penetration is less.... However I cannot find a majou point to between .700 Nose Projection, and .600 Nose Projection. The big difference come: Nose Projections, and the Lever Gun Projections of .425-.450....

So, I think with a .600 Nose Projection above the top band, we do not sacrifice any noticeable depth of penetration, but we increase the versatility of where we can seat and use the bullet in different cartridges......

The "NEW", and John keeps saying "ITS NOT NEW ANYMORE", Nose Profile of the North Fork FPS is excellent, and the "NEW" FPS incorporates a good driving band at the bottom of the bullet to increas consistency. Now for my purposes, we added two bands at the top, .050 bands, and incorporated a .075 groove in between for cartridges that require a good crimping area, or for folks that like to crir does not require crimp at all, but it does give me more versatility in where I can seat the bullet to...... Bottom band, in the groove, or on the top band if so desired....

Here is what it looks like It is a DAMN GOOD LOOKING BULLET.....







Hi all, myself and my two sons were on the same trip with Andy, he was a pleasure to hunt with. I went as an observer since I had already gotten my brown bear and my boys each wanted a bear too. Eric used his puny 375 Weatherby shooting 300g A-Frames (I think Andy called it a rabbit gun IoI) to take his bear. Here's a link to our hunting report and a picture of Eric's bear.

http://forums.accuratereloadin...8321043/m/7411095302



Regards,

Chuck

"There's a saying in prize fighting, everyone's got a plan until they get hit" Michael Douglas "The Ghost And The Darkness"

Posts: 4571 | Location: Colorado Springs | Registered: 01 January 2008



in posted 24 August 2014 22:19

Hey Chuck, damn nice looking bear your boy Eric got there... I am sure it was a struggle to get him down with one of those "Little Rat" guns.... But he did very well, even handicapped by caliber.......

്

Hide Pos

٢

м

Just funning with you of course........ Well done, fantastic bear, and a Swift is a fine bullet, used many a Swift in my days afield in many calibers, and even some "Rat" guns too...... LOL......

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	ď
📓 posted 25 August 2014 00:07	<u>Hide Post</u>
Nice bear Chuck. Congradulations to you and your boys!	
Jim 편 Life's hard; it's harder if you're stupid" John Wayne	
Posts: 4954 Location: Central Texas Registered: 15 September 2007	ď
 August 2014 22:01	

michael458 One of Us Test work today doing some pre

4

Test work today doing some pressures and load data 45/70 as stated last week.... Going well with that...

However, #1 Priority this week is to test this new 450 gr 450 North Fork FPS.. With the new bands. Two things today, pressures and accuracy. Accuracy and consistency is what brought us to the two my desire to improve both.....

As for pressure, the same load in the 458 B&M, 76/TAC 450 #13 Solid gives a steady 62000 PSI at 2280 fps in 20 inches of barrel. The exact same load with the new North Fork 450 gives us 54500 PSi is GODD, and was what we were hoping for. Our hopes were that the two bands would not add pressures, the fact that pressure is lower, and velocity slower, with the same load is also logical, as is shorter, and is less compressed than the 450#13 Solid, so all is following along perfectly. One or two more grains of TAC, the 450 North Fork will be up to velocity and pressures of the #13, all will equ added nothing to the pressure. I have not measured or done any ciphering, but I imagine the two .050 bands are about equal to the number of normal NF Bands removed.... So, it should equal out, or

Accuracy... YES..... With these 3 rounds I will be giving North Fork John the go ahead for production, which will give me enough bullets to do a lot of testing with over the next few months...

Funny..... The first two rounds are the two lower ones. At first, I decided to QUIT... Even walked down to retrieve the target... Got down there, felt guilty, I knew I needed 3, had to have 3... So I fusse myself stupid, walked back to the rifle to fire the 3rd round. There was no doubt in my mind I was going to screw the pooch and the 3rd round go all to hell, but I had to have that 3rd round...... The 3 point of the entire exercise, but I knew I was going to screw it up. I only have 10 prototype bullets, I had already used 3 for pressure, this would only leave me 4 total left, and I want terminals too..... managed to not screw it up too bad, so I am very pleased, I think this is going to work the way I want it to......







LionHunter One of Us	📓 posted 27 August 2014 04:20	Hide Post
	Michael- We would have gladly field tested these new NF bullets on Ele, Hippo, Lion and Leopard beginning next week, however it's a bit late now! 😻 As you are aware, we're going with our CEB 450gr solids and 420, 370 and 250 grain Raptors; all in 4588&M caliber. We already know they will work. Sounds lik	ke the
	new NF will as well. 💙 Thanks for all your R&D and help. If you would turn on your cell phone I would be able to text you from the Zambezi Valley with updates! 🛞	
	Mike	
	DRSS (again) SCI Life NRA Life Sables Life	
	Mzuri IPHA	
	"To be a Marine is enough." Posts: 3577 Location: Silicon Valley Registered: 19 November 2008	ď
capoward One of Us	Image: Second system posted 27 August 2014 04:53	Hide Post
and the second s	quote:	1
	600 from the top of the upper band Very good performance I am very pleased with this	
	I agree, very good performance especially at that pressure/MV level. Plenty of room to move upwards	
	Jim 🚭 "Life's hard; it's harder if you're stupid"	
	John Wayne Posts: 4954 Location: Central Texas Registered: 15 September 2007	ď
michael458 One of Us	📓 posted 27 August 2014 05:27	<u>Hide Post</u>
	quote:	1
-80	cell phone	
	Cell Phone??? Hmmmm, I know I have one somewhere? I think I had it a year or so ago?	
	Do you have the number? If so, what is it? 😔 As for the bullets, you are "well heeled" with what you have I want to tweak this North Fork into a big hammer Not that it needed much, but I really l	ike
	this band system Of course you all know where it is coming from, the work on the CEBs Incorporated into the North Fork I think it adds a good bit to the consistency The new profile already in place, which I think is giving some more depth of penetration than the #13, maybe 5% or so from what I have seen wit this bullet and the new .500s.	ith
	I have a decent order of these 450s being done. Along with 350 gr 416s, and 450 gr .500s With what I have coming we will be doing a lot more work with the all areas Once that is satisfied John and I will be working on CPS versions, Expanding Cup Point Solids Maybe ECPS This nose profile should be very conducive to a ECPS type bullet, these are deep penetrators	em in
	Mike	
	Shoot some things with that 370 Raptor I have for you I think that is going to be wicked too Plenty of bullet there for buffalo 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 m from ANY BULLET COMPANY. I am not in the bullet business, and have no Bullets to sell to you, nor anyone else.	onies 🗳
Sean Russell One of Us	I gosted 27 August 2014 05:36 I am curious about the properties of copper v brass when hitting bone	<u>Hide Post</u>
	No opinionjust curious. Which is more apt to deform or shatter?	
	"The rule is perfect: in all matters of opinion our adversaries are insane." Mark Twain TANSTAAFL	
	www.savannagems.com A unique way to own a piece of Africa. DSC Life	
	NRA Life Posts: 3386 Location: Central Texas Registered: 05 September 2013	ď
capoward One of Us	i posted 27 August 2014 07:04	<u>Hide Post</u>
and the second s	quote:	1
	I am curious about the properties of copper v brass when hitting boneNo opinionjust curious. Which is more apt to deform or shatter? Sean,	
	It doesn't really answer your question - but during Michael's "T'Rex Block Test" testing copper solids deformed more than brass solids but neither shattered.	
	From back on page 102: quote:	
	Old T'Rex and Ball Joints can make a mess of a bullet!	



From page 104:











Lused the Woodleigh 500 grain .474 diameter Hydro from a 470 Nitro at 2,145 fps. on the tuskless. The shot was very unusual as she was slightly quartering away from me and she raised her head and trunk very high. Therefore, the builte tentered about 3" above her right ear sit. She went down with the typical brain sot head raise and crashed down. We thought she was dead on builet contact. We went after a second tuskless cow in the herd but she got away and returned to the first carcase after about 15 minutes. Much to our surprise she was gurgling and vebale moving her trunk tip. Another shot centrally to her forehead gave us the rear leg death kick. She was in a very favorable location to get the Cruiser up to her so we took the head back to camp to more thoroughly examine the skull. We skined the head and then sawed it in half to follow the builtet paths. We removed both halves of the brain and saw that the rear part of the brain was mostly bloodshot mush. What was most amazing is that the first builtet left an entrance hole through the skull the skills the skills of a 50 cent piece. This builtet pentrated the brain cavity centrally and angled forward slightly to exit the brain cavity about half way forward. Again the holes in the brain cavity were very large and the amount of coagulated blood was awesome. We tried to recover the pullet which we knew had to be somewhere in the left portion of the skull to no avail. But we do know that it did not exit the head. If it had exited it shots entry hole and was also the size of 50 cent piece. The bone between the two holes was broken out leaving a hole about 4" by 1/12". Amazing destruction the skull the skull the second builet then penetrated the neck and was found behind the shoulder blades in the loin meat. That amounted to a little ver 40" of penetration.

On the bull I used the CEB 13 deg. 474 500 grain bullet also out of my 470 Nitro. The bull mock charged us at around 10 yards then took a couple of paces towards us and dropped his head as if to charge. I lined up for a frontal just above the eye line but as I squeezed the trigger he raised his head and the bullet hit way to low for a brain shot. He whinded and I lined up for a hip shot as was running directly away from us. Just before I fired he turned 90 degrees to the right and ran behind some brush. I could only see the top third of his back and I placed a bullet just forward of the right ham intended 90 degrees to the right and ran behind some brush. I could only see the top third of his back and I placed a bullet just forward of the right ham intended 90 degrees to the right and ran behind some brush. I could only see the top third of his back and I placed a bullet just forward of the right ham intended 91 degrees to the right and wildly and trumpeting loudly. I placed a bullet into the neck that missed the brain due to his moving his 94 down as we approached but swinging his head wildly and trumpeting loudly. I placed a bullet into the neck that missed the brain due to his moving his 95 down as we approached but swinging his head wildly and trumpeting loudly. A of openetration. Another bullet was placed directly into the ear silt and 86 will be bull. That bullet did not exit although it should have exited somewhere in the left cheek area. If it had exited it would have penetrated around 96 we could not get the vehicle close enough to recover the head so no post mortem in it. We did recover the bullet that broke the spine in the 97 popsite shoulder bone. Around 39" of penetration.

The tusked cow was also shot with the CEB 470 bullet. She was around 20 yards away and quartering to my left. I placed the bullet about 4" behind the left eye just above the zygomatic arch. She went down instantly dead at the shot. An insurance shot was then placed into her forehead from around 8 yards. Again we were unable to recover the head for post mortem. The first bullet should have exited the head near the right ear hole but didn't. If it had it would have penetrated 29". The insurance shot should have exited in the throat region but didn't. If it had it would have been 31" of penetration.

So here was what I learned. But before I go into it I want to say that I try to have an open mind and will change my opinion when new data comes forward. The following is just my opinion based on my experiences in shooting elephant with a pretty wide variety of calibers and bullets.

 Elephant heads are extremely difficult for a bullet to fully penetrate on shots that angle through the head. That is the case no matter what type of solid that you use.

2. Frontal shots that miss the tusk sockets or teeth are much more likely to fully penetrate the head and depending on the type of bullet will be found somewhere in the neck or between the shoulder blades.

3. The cup point of the Woodleigh Hydro seems to make much larger holes that either RN or FN solid in head bones. Typically, the RN and FN solids make holes in the skull bones of caliber or slightly larger size. The Woodleigh Hydro made holes in the skull 1 1/2 to 2" in diameter.

4. The small cup on the end of the Hydro seems to cause much more blood trauma than other designs.

5. Both bullets gave similar amounts of penetration but not all could be measured.

6. We have now proven that an elephant can be hit in the brain and the rear portion of the brain at that, without killing the elephant.

Recoverd Woodleigh and CEB solids from elephant.





In fact Sean.... I have a photo of one of your solids that took a beating on your buffalo

416 B&M 1:14 Twsit Rate 9/2012 350 BBW#13 Solid Muzzle Velocity 2450 fps **Rear Buffalo Shot** Heavy Bone Pelvis-Spine

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 ്രൗ



