THE ACCURATERELOADING.COM BIG BORE FORUMS

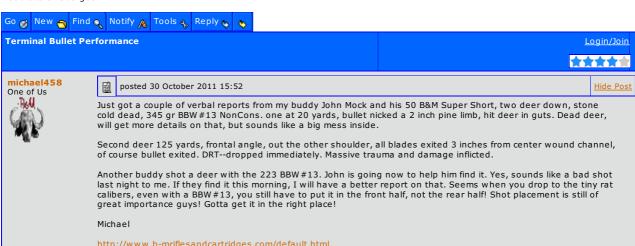


Accuratereloading.com 🚳 The Accurate Reloading Forums 👩 THE ACCURATE RELOADING.COM FORUMS 🛍 Rifles 📸 Big Bores 🗗

Terminal Bullet Performance

Page <u>1</u> ... <u>197</u> <u>198</u> <u>199</u> **200** <u>201</u> <u>202</u> <u>203</u> ... <u>304</u>





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"

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

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

€29 Hide Post

boom stick



posted 30 October 2011 19:44

What is so cool IMHO is with the medium and small bores thanks to CEB the amazing performance of the BBW13 solid and non con will be accessible to the masses since so few shoot big bores. With the hollow point velocity is a friend so is a lower weight for caliber. It will take some doing to get people to accept that a .2 SD will out perform a .3 SD. I think the 225 grain Raptor is designed with the 338 Lapua in mind. A 180 grain 338 would be great too!

577 BME 3"500 KILL ALL 358 GREMLIN 404-375

we band of 45-70ers* (Founder) Single Shot Shooters Society S.S.S.S. (Founder)

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

-29





posted 30 October 2011 20:01

Hide Post

quote:

I think the 225 grain Raptor is designed with the 338 Lapus in mind. A 180 grsinn 338 would be great too!

Lupus? Lapus? Sounds like a really bad thing you catch when you do things you are not supposed to do! Hmmmm? HEH.... I think I get the jest of it. I am interested in how long the 225 338 Raptor will be. I was thinking originally at 200 grs. We will see. But yes, 180-200 would do a lot.

I am really busting for the 230 9.3--that will be, could be, THE bullet all around do everything for the 9.3 B&M. Just gotta see if it goes in the magazine.....

I concur, the Raptors will change the way folks think, if they keep an open mind and try them! It's a new world out there! It's hard to change old ideas, and hard to jump out of the box!

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





薑

posted 30 October 2011 20:58

Hide Post

I believe determining the Bullet weight first and then making the bullet to allow that weight is the wrong way to do

I believe the "best" methodology for determining "optimum" weight by caliber is to first determine the maximum bullet length that will properly function from the magazine for the specific target internal magazine length by specific action - then let the bullet weights fall where they fall.

Anyway that's thinking.



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

Posts: 4954 | Location: Central Texas | Registered: 15 September 2007





posted 30 October 2011 21:00

Hide Post

Oh yes...Congrats Michael...the thread is still running 100 pages per year!



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

John Wayne

Posts: 4954 | Location: Central Texas | Registered: 15 September 2007





posted 30 October 2011 21:40

Hide Post

quote:

What you will see below is a repeat of a recent post I did on the 45/70 penetration thread. I have some information that I would like to share, but to be honest it really needs to be on a thread unto itself. It is my hope that we can all learn from this, that we can have reasonable, logical, and intelligent conversation and share ideas, concepts and experiences in which we all can maybe learn something concerning terminal performance. It is an area that I have a great deal of interest in because in the end I believe that when it comes down to it, it's not the rifle, the cartridge, it's the bullet that does the work once it strikes the target.

From the first post done on November 3, 2009!

I think that we have done just what these first words stated at that time!

Look at what has been accomplished in such a short amount of time!

Jim

quote:

believe the "best" methodology for determining "optimum" weight by caliber is to first determine the maximum bullet length that will properly function from the magazine for the specific target internal magazine length by specific action - then let the bullet weights fall where they fall.

This is exactly what is being done. But the problem is, all actions are not the same length. So in some cases I think we might fall short, or different, I don't know. ????? Just look at .224 and .257, throw in a WSSM action to boot? In .257 you have everything from the Super Shorts to the 257 Weatherby. On some bullets, just have to see.

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



I Bin Therbefor One of Us



posted 31 October 2011 05:01

Hide Post

auote:

[QUOTE]

I am really busting for the 230 9.3--that will be, could be, THE bullet all around do everything for the 9.3 B&M. Just gotta see if it goes in the magazine......

Michael

I noticed that the CEB page goes from 338 to 375 for the Raptor listings. I hope you are right, that a 9.3mm (366) will be coming.

Posts: **404** | Registered: **08 May 2005**

€39

boom stick



posted 31 October 2011 06:08

Hide Post



Dan mentioned the 9.3

Will be awesome for the 9,3philes.

577 BME 3"500 KILL ALL 358 GREMLIN 404-375

we band of 45-70ers (Founder)

Single Shot Shooters Society S.S.S. (Founder)

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

€39

One of Us



posted 31 October 2011 07:51

Hide Post

boomstick and michael.

I been reading this post for to many pages i care to count and the info is great and the testing is beyond anything i have the opportunity to accoplish. For the medium and small bore ceb noncons has there been any testing with the 7mm at short range and is there any future in a .429 ceb non con for a carbine. Yes i know these are odd questions but for most of my hunting with rifle the medieum bores fit the bill and the 44 carbine is the unsung hero of the hard woods. Thanks again for the great posts

Matt

Simply, Elegant but always approachable

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

€°

boom stick One of Us



posted 31 October 2011 09:55 量

Hide Post

I think a 429 would be great in a non con but it would work in a 444 but to shear at 44 velocities some changes would be needed. If you call up CEB you could ask about an order of 429 lever action style. I would like to see a pistol version in both non con and BBW 13 profile for hunting and defense rounds. I have thought a lot about this and have a few ideas of how to make it work but that would mean prototypes and testing. With all this a big factor is cost and is there a market but if someone is willing I'm not short on crazy ideas A 200 grain flat point bore rider three band BBW #13 would be killer. Pun intended. One method I have thought of to lower impact velocity sheer is a larger hole and a flat point tip or rounded tip to duplicate the #13 profile but keep the same dimensions or slightly different for a round nose tip replacing say about half of the conical 13 degree portion to be the tip itself. Instead of a pointy talon tip it would be a blunt tip but aid expansion and the larger hole could sheer down to 44 velocities and maybe pistol velocities. Another help would be to make a larger funnel opening to the hole to obviously funnel in the pressure. If there is no edge but only a funnel all the force goes into sheering the petals and the blunt plastic tip would protect the sharp funnel edge. Think of it as a larger hole brass non con bore riding semi wadcutter with a 13 degree blunt tip. High BC is not needed since we are talking under 100 yards. Anyone up for prototypes and testing? Michael has his hands full with all the raptor testing for the next couple months I think. I sure hope he is enjoying it.

577 BME 3"500 KILL ALL 358 GREMLIN 404-375

we band of 45-70ers (Founder) Single Shot Shooters Society S.S.S.S. (Founder)

Posts: 27558 | Location: Where tech companies are trying to control you and brainwash

you. | Registered: 29 April 2005



boom stick One of Us



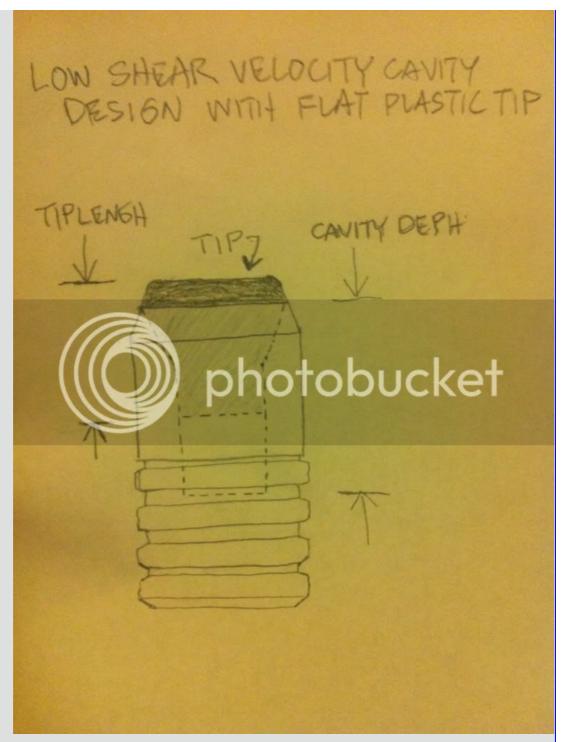
posted 31 October 2011 11:20

Hide Post

Sorry for the crude drawing but maybe this will help understand the concept of the hand gun velocity non con or pistol non con or PNC if you will.

The plastic blunt tip would replace part of the conical part with the radius edge and maximize the sheering funnel

with the tip acting as a cam so to speak. What do you think?



577 BME 3"500 KILL ALL 358 GREMLIN 404-375

we band of 45-70ers (Founder) Single Shot Shooters Society S.S.S.S. (Founder)

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

€"



<u>Hide Post</u>

quote:

Originally posted by Seasons44: boomstick and michael.

I been reading this post for to many pages i care to count and the info is great and the testing is beyond anything i have the opportunity to accoplish. For the medium and small bore ceb noncons has there been any testing with the 7mm at short range and is there any future in a .429 ceb non con for a carbine. Yes i know these are odd questions but for most of my dunting with rifle the medieum bores fit the bill and the 44 carbine is the unsung hero of the hard woods. Thanks again for the great posts

Matt

Hey Matt

If you posted with us before, then forgive me, my mind is going fast! LOL.... If not, then we are glad to have you, and thanks for the input. 7mm Raptors are coming. I don't own a 7 anything, so we will be testing this in one of Sams rifles the next couple of weeks.

As for .429 and some others. Well, we are looking at that for the near future. Like Boomy says, we enter a different world of mostly very low velocity. So what works in rifles, will not work in typical handgun cartridges. Lot's of work ahead on this to see what can and can't be done. But this will be after all the Raptors are sorted out first, then some Carnivores, which 416, 458, .500 Carnivores are done as far as I am concerned. A couple more larger bore Carnivores and that is complete. Raptors first, then finish Carnivores, then on to other projects, such as low velocity .429s, .451s, .454s and so forth.

Boomy, hold those thoughts, and we also have some ideas from Hog Killer, and Dan and Myself have been chatting about it as well.

Coming Soon!

М

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





<u>Hide Post</u>

I recently had Benchmark build me a 450 Ultra Magnum with a 26", 14 twist Lilja barrel. Michael458 helped a bunch with load data for load development. (Thanks Michael). I took it to the field for the fist time this fall to hunt Elk here in Washington State. Bellow is the first animal I have taken with this rifle.

The shot was across a steep canyon at 300 yards, I was shooting a (.458) 350gr Speer HotCore @ 2800 fps, on top of 96gr of Win748 and a Fed 215. The bull was head down feeding when he was hit, he dropped in his tracks and didn't move the least bit after impact. I recovered the bullet just under the hide on the off side. The recovered bullet pictured weighed 248.4 grains.



This is the bullet entrance.



Nothing like a trail of blood to find your way back home.



michael458 One of Us

One of Us

posted 31 October 2011 16:05

Hide Post

Smack

Great report! Congratulations on a wonderful success! That 350 Speer has been a favorite of mine since testing it some time ago, in both the 458 B&M SS, and the 458 B&M. Of course, much lower velocity than what you were running.

Do you have an estimated BC to know what the impact velocity might have been? Anyone???

In my tests you see below I retained a little more weight than what Smack did on the elk, any bone hit, rib or anything? Just curious in comparing is all.

Sam, you are correct, conventional bullets do work still! HEH...... There are some conventionals I still like very much. This is one of





458 B&M Super Short
1:14 Twist Rate
9/25/2010
350 Speer
Muzzle Velocity 2169 fps
22 yd Impact Velocity 2116 fps
X3= 18 Inches Penetration
Retained Weight 301-301-302

Great Report Smack! Thanks.

 $\underline{http://www.b-mrifles} and \underline{cartridges.com/default.html}$

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



416Tanzan



posted 31 October 2011 16:24

Hide Post

quote:



(.458) 350gr Speer HotCore @ 2800 fps, on top of 96gr of Win748 and a Fed 215.

Nice hunt, nice report, nice rifle, nice load, beautiful animal.

Posts: 5686 | Location: Nampa, Idaho | Registered: 10 February 2005

2800 fps with 350 grains is sweet. Solid, authoritative, reasonably flat for normal hunting. About right for a new standard with light, new technology.

"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



465H&H One of Us



posted 31 October 2011 16:35

Hide Post

That bullet expanded to a large diameter. Can't help but wonder if it would have held together if the elk was 30 yards away instead of 300.

465H&H

Hide Post

€39

michael458 One of Us



quote:

Originally posted by 465H&H: That bullet expanded to a large diameter. Can't help but wonder if it would have held together if the elk was 30 yards away instead of 300.

465H&H

465HH

I concur, I wonder the same thing. I suspect strongly that at closer ranges it might have come apart. While I have not tested it beyond what is seen above, I have tested the 350 Hornady, and 2400 fps impact is top end with it, above that it starts to come apart. I think the Speer would do the same. So it's good it was 300 yards. Excellent performance at that impact velocity, whatever that was. I bet Smack had a plan if it was going to be close???

Michael

http://www.b-mriflesandcartridges.com/default.html

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

I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not represent, own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet business, and have no Bullets to sell to you, nor anyone else. Posts: 8426 | Location: South Carolina | Registered: 23 June 2008





posted 31 October 2011 19:56

Hide Post

Michael:

I have been shooting the 400 grain Speer Sp FN in my .450 Marlin. What kind of luck have you had with those?

DRSS Chapuis 9.3X74 Chapuis "Jungle" .375 FL Krieghoff 500/.416 NE Krieghoff 500 NE

"Git as close as y can laddie an then git ten yards closer"

"If the biggest, baddest animals on the planet are on the menu, and you'd rather pay a taxidermist than a mortician, consider the 500 NE as the last word in life insurance." Hornady Handbook of Cartridge Reloading (8th Edition).

Posts: 3728 | Location: Midwest | Registered: 26 November 2006







posted 31 October 2011 20:09

Hide Post

Dave

Good question! Answer is--I don't know!

I looked back on all my data base for 458 caliber. It appears I have never tested the 400 Speer FN. I know many years ago I had a few of those, one box, and it's been 10-12 yrs ago I bet. I have tested and worked of course extensively with the 405 Remington, and know it's limitations well, when I was doing a lot of 45/70 work I tried the 405 Woodleigh, and it was so good in that capacity, I never looked at anymore 400s 405s for the 45/70. So I never

Be glad to do it if you want to send 5 or so. What velocity are you running, 1850-1950 fps?? I can duplicate the velocity pretty close.

On the range doing PT's in the 458 B&M, new powders I have not tried, RL 17--too slow, IMR 8208 and AA 2230 Looking very good right now. All this info will be used in the 475 B&M as well starting soon as I get the other rifle. Load data will transfer pretty well, at least to get started with it. Just FYI is all. Will post some of this data on the B&M thread later.

Michael

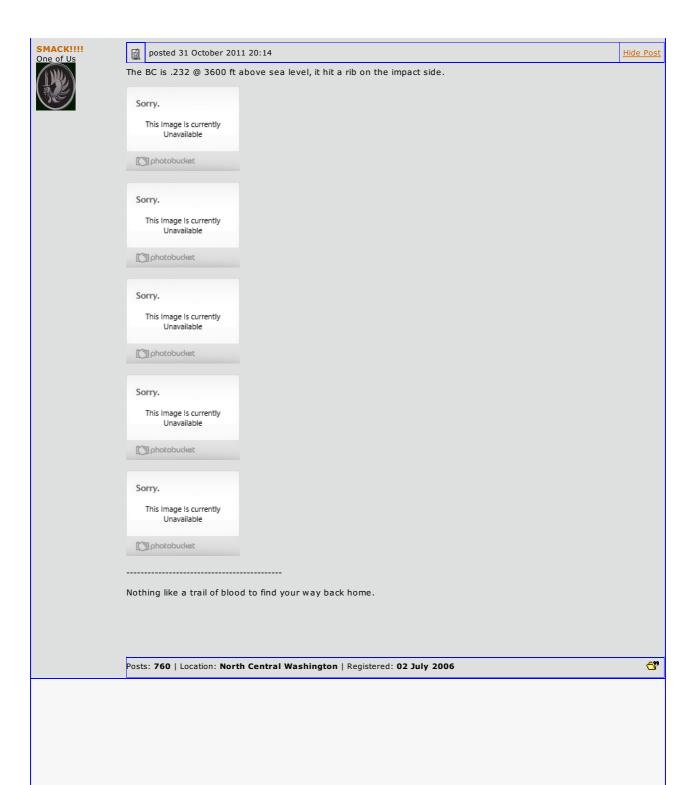
http://www.b-mriflesandcartridges.com/default.html

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

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

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







posted 31 October 2011 21:04

Hide Post

auote:

Originally posted by michael458:

Dave

Good auestion! Answer is--I don't know!

I looked back on all my data base for 458 caliber. It appears I have never tested the 400 Speer FN. I know many years ago I had a few of those, one box, and it's been 10-12 yrs ago I bet. I have tested and worked of course extensively with the 405 Remington, and know it's limitations well, when I was doing a lot of 45/70 work I tried the 405 Woodleigh, and it was so good in that capacity, I never looked at anymore 400s 405s for the 45/70. So I never have worked with the Speer.

Be glad to do it if you want to send 5 or so. What velocity are you running, 1850-1950 fps?? I can duplicate the velocity pretty close.

On the range doing PT's in the 458 B&M, new powders I have not tried, RL 17--too slow, IMR 8208 and AA 2230 Looking very good right now. All this info will be used in the 475 B&M as well starting soon as I get the other rifle. Load data will transfer pretty well, at least to get started with it. Just FYI is all. Will post some of this data on the B&M thread later.

Michael

Michael:

I am running them about 1850-1900. I will send five down to you if you would be so kind as to test them.

Dave DRSS Chapuis 9.3X74 Chapuis "Jungle" .375 FL Krieghoff 500/.416 NE Krieghoff 500 NE

"Git as close as y can laddie an then git ten yards closer'

"If the biggest, baddest animals on the planet are on the menu, and you'd rather pay a taxidermist than a mortician, consider the 500 NE as the last word in life insurance." Hornady Handbook of Cartridge Reloading (8th Edition).

Posts: 3728 | Location: Midwest | Registered: 26 November 2006



michael458 One of Us

posted 31 October 2011 23:56

Hide Post

auote:

Michael:

I am running them about 1850-1900. I will send five down to you if you would be so kind as to test them.

Dave

As always, my pleasure, I will be looking for them.

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 \ over \ bullet \ bullet \ business, \ and \ over \ bullet \ bullet \ business, \ bullet \ bullet \ business, \ bullet \$ have no Bullets to sell to you, nor anyone else.

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



michael458 One of Us

posted 31 October 2011 23:59

Hide Post

quote:

The BC is .232 @ 3600 ft above sea level, it hit a rib on the impact side.

Smack

Yep, well that rib explains the extra loss of weight. The bullet looks great, and it obviously did a great job. According to what I can come up with, at that BC, impact velocity would have been around 1850-1900 fps at 300 yds.

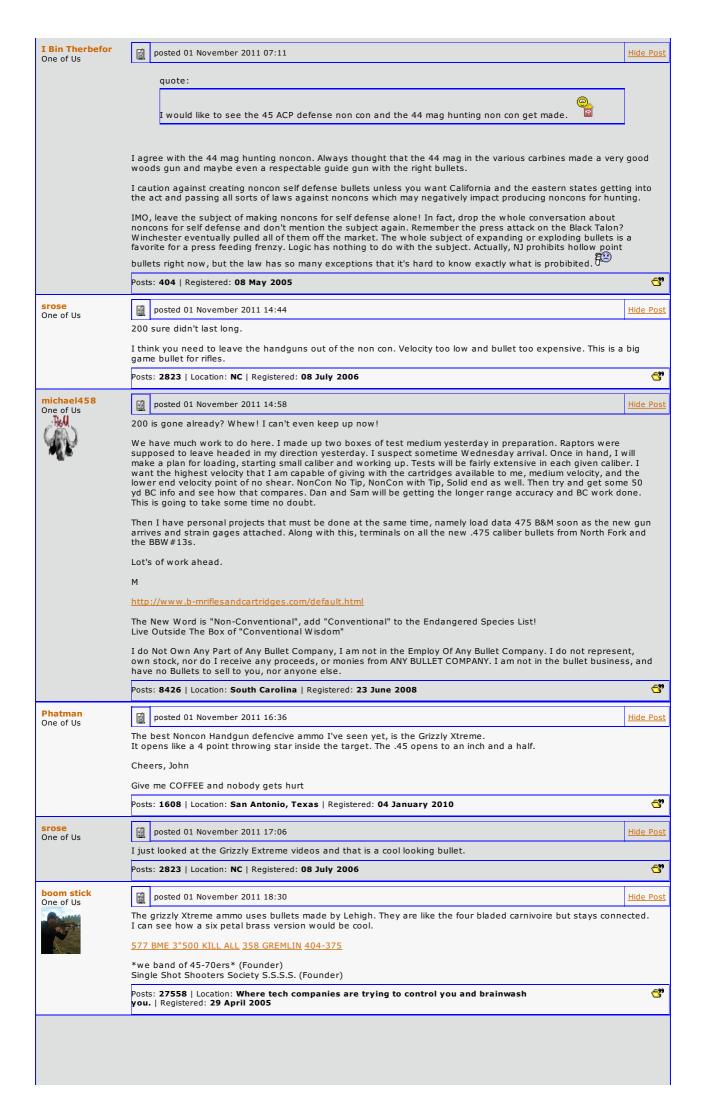
Michael

http://www.b-mriflesandcartridges.com/default.html

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

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









Accurate reloading.com
The Accurate Reloading Forums
Terminal Bullet Performance

The Accurate Reloading Forums

The Accurate Reloading Forum Forums

The Accurate Reloading Forums

The Accurate Reloading Forum Forums

 $\underline{Contact\ Us}\ |\ \underline{Accurate reloading.com}\ |\ \underline{Terms\ of\ Service}$

Copyright December 1997-2023 Accuratereloading.com
Community Statistics

Statistics for the last 30 days

New Posts 5275

New Members 24

Page Views 2743857

Visits 504208

Newest Member RedRaider4400



Visit our on-line store for AR Memorabilia