



The Reticle

Gun Safety, Education, Marksmanship



Club organization transition

What, transition? Yes, with the influx of volunteer help (thank you sooooo much), the transition from a few to the many is underway. As such, there may be some early hiccups, but the Club's quality and offerings should continue during the year. Please bear with us as this affords greater capabilities to handle the Club's growth in membership and offerings. Further, we must collectively extend a huge *Thank You!* to the Club leadership who has carried the load for a long time.



Member Meeting Presentation

By Terry Marksberry

All .22s Not Created Equal!

On any given month, Club shooters go through an astonishing amount of .22LR ammo primarily between the Winchester and Bullseye shooting events. At the last set of meetings, we decided to take a hard look at .22 ammo, specifically the match grade choices, to see if the high-end ammo performed better and was worth the added cost.

26 brands of .22 ammo were selected for the test from 12 different manufacturers, both foreign and domestic. Some non-match grade ammo was added to the mix for comparison.

For purposes of the test, everything possible was done to ensure the only variable was the ammo itself. The gun used was an Anschutz 1913 Super Match rifle.

"There's no question that weapons in the hands of the public have prevented acts of terror or stopped them." - Israeli Police Inspector General Shlomo Aharonisky

Bottom line, the Anschutz is about as good as it gets on a target rifle. Everything is adjustable; 3 oz. trigger pull, high-end peep sights, single round bolt action, and 27" barrel.

The range setup was done in a similar manner: Indoors, 25 yards, benchrest. For each different brand there were 5 shots per target and 5 targets used. The measurements were:

- Best grouping
- Average group
- Average Velocity
- Extreme Spread (of velocity)
- Standard Deviation (of velocity)
- Cost per round

The presentation showed the results for the top 16 brands. The presentation has been posted on the web-site: (<http://www.vssclub.org/meeting--seminar-presentations.html>) if you wish to review the details.

The top eight performers are listed in figure 1 below.

Top Eight - Accuracy							
Brand	Match Grade	Bullet	Best Group	Average Group	Average Velocity	Extreme Spread	Standard Deviation
Wolf 40-Grain Match	Y	LRN	0.07	0.19	1,043	35	15
Armscor 22 Long Rifle	N	JRN	0.11	0.21	1,306	62	23
RWS Target Rifle	Y	LRN	0.11	0.24	1,074	10	4
CCI Pistol Match	Y	LRN	0.11	0.18	1,048	33	13
Eley Subsonic Hollow	N	LRN	0.11	0.21	1,049	27	12
Federal HV Match	Y	LRN	0.14	0.21	1,229	29	11
RWS High Velocity HP	N	JHP	0.14	0.22	1,220	46	21
Eley Tenex	Y	LFN	0.14	0.21	1,093	13	5

Several observations can be made from the above test results.

1. 5 of 8 top performers were match grade ammo
2. 6 of 8 top performers were Lead Round Nose (LRN) bullets
3. 5 of 8 top performers had an actual velocity between 1,000 and 1,100 fps

4. Cost of Match Grade ammo averaged 19.4¢/round vs 13.1¢ for the non-match grade
5. Average Match Grade group was .25" vs .32" for the non-match grade

It was clear that the match grade ammo produced a 22% smaller group on average. Also, it was evident that the LRN bullet and average velocity between 1,000 and 1,100 was a selection factor.

The top five performers were:

1. Wolf 40-Grain Match 18¢/Rnd
2. RWS Target Rifle 15¢/Rnd
3. CCI Pistol Match 20¢/Rnd
4. Eley Subsonic Hollow 23¢/Rnd
5. Federal HV Match 11¢/Rnd



Bottom line if your priority is accuracy, try the Wolf Match. For cost effectiveness with still very respectable results try the Federal HV Match.

With an average 6¢ difference in price we'll leave it up to you to determine if the cost is worth the increased accuracy.

Member Meeting Presentation

By Terry Marksberry

Is Your Home Secure?

The presentation at the last meeting was not intended to cover the entire topic of home security. Our "Personal Security I – in the Home" class is intended to do that. Rather, in the time allowed, we were only able to cover some elements dealing with perimeter security.

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Managing Editor
Steve Gianelos
vssnewsletter@gmail.com

Layout & Design
Mike Plocharczyk

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As a guide on what to do, it helps to understand the criminal mindset. Without going into great detail, a burglar, first, does not want to get caught, does not want to be hurt, wants to get in and out quickly, and is after small items of value like money, jewelry, guns, etc.

So, in considering things you can do to improve your home security, you want to make breaking into your home more difficult, time consuming, and noisy (i.e., force them to break glass) in the hope that the bad guy will move on to easier pickings.

Typical means of entry is using a "bump" key, or two swift kicks in the area of the locks. So, first step is to improve the quality of the locks to the Schlage or Kwikset 900 (Smartkey) series of locks. Both are made to stop bump key entry.



First let's consider the perimeter doors which includes the front & back doors, as well as doors opening into the garage. Upgrade the locks and add a dead bolt if not there already. If there is glass within 1 yard of the lock, be sure to install a double cylinder lock (keys on both sides).



Next, enhance the door frame. Replace the screws in the hinges with 3" metal, not brass, #8 screws. Replace the striker plates for both the handset and dead bolt with wider plates so you can install 3" screws in both the door side and the frame side.

Finally, what about the glass? Most front doors have the side panel and many have a glass panel in the door. The best thing you can do for the glass is to install 6-8 mm Mylar film. It's a little tricky to do yourself but there are local vendors who will help.



The film does not stop the glass from being broken but does make it very difficult to penetrate the glass even after it's broken. With a double dead bolt, they still cannot open the lock.

Having completed the above security enhancements to your perimeter doors, you have made it extremely

difficult and time consuming to get in through your doors. Mission accomplished.

What's left? The windows. You can add supplemental locks like the one to the right. Plus, you can add the Mylar film for about \$50 per window. Probably the master bedroom windows would be the best place to start after the front door.



We also know from interviews with incarcerated bad guys that the security stickers on doors and windows are an actual deterrent as well as video cameras even the "faux" kind.

We strongly recommend a defensive strategy of avoidance vs confrontation, if possible. If a threat is detected, make a beeline to your safe room, call 911,



then prepare to defend yourself should the bad guy be so stupid as to try and enter your safe room.

There is a lot more to know about home security. You can review the complete presentation on the website (<http://www.vssclub.org/meeting--seminar-presentations.html>) if you missed it. Better yet, sign up for the Personal Security I – in the Home class. You'll be glad you did!

What else is going on?

Arkansas Governor Expands Places Concealed Guns Allowed. Gov. Asa Hutchison (R) Signed into law a concealed handgun licensee to carry at state colleges, some bars, government buildings and the Capitol provided they undergo up to 8 hours of active-shooter training. Although the law takes effect 1 Sep 2017, the AR State Police have until 1/1/2018 to design additional training that may be required. [Andrew Demillo, AP]

Two steps forward, 1 step back! Update on this subject, the Arkansas House Judiciary Committee advanced a measure to exempt college sporting events from the new state law. IF this amendment passes, it

would allow colleges to designate sensitive areas they do not want people to carry handguns [AP]

Government hand-gun contracts. You may remember that last year the FBI selected Glock to provide guns for the next contract period. Speculation was that the Army would surely follow despite the RFP (Request For Proposal) leaning toward another vendor. Apparently Glock created a 5th generation Glock to win the contract and return the FBI to 9mm guns. However, recently the U.S. Army declared a Mil-Spec variant of the Sig Sauer P320 the winner of the Modular Hand-gun System (MHS) worth over \$580m, thus departing from the existing Beretta M9. It will likely be labeled the M17.



[Guns & Ammo, April 2017]

North Dakota is the latest state to enact a constitutional carry law. Starting in August, North Dakota residents can carry a concealed handgun without a special permit. The bill allows people to conceal carry as long as they have had a valid North Dakota driver's license or State ID card for at least a year. The new law applies to people only within the State. Residents will still not be able to conceal carry outside of North Dakota without the proper permit. The bill does not change the places you are allowed to conceal carry like schools and other public buildings.



We Want Your Ideas!

Well, we do have an idea what we are doing, BUT we can use more ideas of what the Club can do for its members. So, the suggestion box is open. Snowbirds, what do your local clubs do/offer that we could entertain doing? Tell us what you do when you head back home. Everyone, what else would you like to see the Club sponsor?



Instructors Corner

Eyes & Ears - Part 2

By Stephen Mosel



Having talked a bit about eyeglass solutions in Part 1, it's now time to concentrate on the other half of the "Eyes & Ears" command. Although there are plenty of options for rifle/shotgun shooters and all sorts of custom ear-buds and other gizmos of endless variety on the market, I'm going to stick with relatively affordable and recommended ear protection for our pistol shooting members.

As instructors and range safety officers, we want to be able to communicate with our charges (you) and need to be heard. Way too often we witness the shooter we are talking to attempt to pull their ear-phones away from their ears as they have trouble hearing us in the noisy atmosphere of a gun range. Big mistake! My wife did that before I could stop her and couldn't hear well for six weeks. I got Tinnitus in the military and regard hearing protection as essential. (Boy, did I pick the wrong hobby!)



So, we'd like you to consider electronic earphones. Custom electronic earbuds can work well but can also be very expensive. Electronic earphones will allow for normal conversation, but immediately cut off any dangerously loud sounds. They are adjustable and easy to use. I try and avoid endorsing any specific products, but will use the following as an example: *Howard Leight – Impact Sports model* (which sells on Amazon for about \$42.00) is very popular and well-priced. It has a Noise Reduction Rating (NRR) of 22 db.

If more hearing protection is wanted, their *Impact Pro model 1902* (now selling for about \$38.00 on Amazon & available at club meetings) would fit the bill, but are a bit bulkier. The 1902s have a phenomenal NRR of 30, virtually the best available. On the high-end they also cut off at 82db instead of the more typical 85db. The only negative on the 1902s is their size when trying to shoot a rifle.



Do your own research, read the reviews and decide upon a model that suits your needs.

One tip – although the ear pads are sometimes replaceable, the Florida humidity will wreak havoc on them and stowing them with the ear pad vinyl touching will lead to pulling the material asunder. Instead, get yourself a small, cork drink coaster and stow them with the coaster placed in between the pads. This will extend their life dramatically and you'll spend less money.

Meet the Member

By Stephen Mosel

Any large and active club like The Villages Straight Shooters requires a leadership that is both dynamic and recognizable. But what is equally important are those members that support the policy makers and are the true backbone of the organization, working behind the scenes to keep things running smoothly and making those in charge look good. A perfect example of those quiet, hard-working types is Kathy Bordoni.



After meeting her husband to be, Gilberto, on a cruise ship and getting married in Italy on Veteran's Day, 1981, the couple moved to The Villages in 2007. Because of Gilberto's bi-annual trips back to the old country, Kathy, who would be on her own for two months at a time, took her first Basic Pistol Course in 2012, in order to learn more about firearms as a means of self-defense. She bought her first gun, a Ruger Mark III, and joined The Villages Straight Shooters in 2013.

As of this year, she owns several, including one won at a general meeting. Even though about a quarter of the Club's 1,900 plus members are women, Kathy became the first woman to reach the ultimate level of "Distinguished Expert" in the Winchester/NRA Program as well as "Distinguished Expert" in Defensive Pistol 1 and 2! The little Annie Oakley outfit and cap gun she owned as a child certainly seemed to predict her future!

Although a current participant in the Bullseye Program and having taken part in a Personal Protection in the Home class as well as regularly attending club seminars, Kathy's main contribution to the Club has come in the form of her invaluable aid as part of the popular Winchester/NRA Program.

As Manager of Shooting Programs, Floyd Dunstan's right hand gal, Kathy's duties include: Monitoring Eventbrite, (the Club's activities web site) – Attending weekly Winchester shoots – Monitoring supply lists - Preparing one of six courses of fire for each shooter (there are up to five shoots a month and 24 shooters at each event!) – Scoring and recording all targets – Listing them all on the web site – Preparing individual packets for each shooter participating – Creating certificates and lists for Floyd to announce at the general meetings – Collecting all fees for the program!

In other words, she's the only one who really knows what's going on at the Winchester shoots! Floyd recently said of Kathy: "Without the tremendous amount of time and effort put forth by Kathy, the Winchester/NRA program would not be as successful as it is. Her unselfish contribution allows the Shoot Manager to address other aspects of the shooting program, to the benefit of all of our members. Kathy is indispensable!

As to the future, Kathy hopes to participate in programs like the I.D.P.A. (International Defensive Pistol Association) because, she says, "Paper targets are getting boring for me. I want something that moves!" She also hopes more women will join



the Club and take advantage of the free instruction available at all Club Shoots. She admits, however, that if the Club gets too much bigger, she's going to need some help.

Say thanks when you see her!

Safety First – RSO Group Grows

Range Safety Officers are a critical component of safe and enjoyable Club shooting events. This includes

club Open Shoot, Winchester, Bullseye and off site events (e.g. Ocala) where safety MUST come first. The group of RSOs has expanded to about 36 people which includes 4 Chief RSOs.

The role of the RSO is safety! This begins with the initial Safety Briefing to conclusion of a shooting period where they monitor behavior and actions. The RSO, as needed, may inform you to change the way you conduct your shoot and adherence to range rules. You are required to adhere to the Club and Range Rules, thus review these. For example, NO sandals or open toe shoes are allowed. Should you wear these, you could be asked to leave the range.



Please do not confuse the RSO's role with Instructors. If you need help because of a stovepipe, or hang fire or misfire, raise your NON-shooting hand for RSO help. Conversely, if you need help in a shooting position or marksmanship, raise your NON-shooting hand for an Instructor. The appropriate individual will assist you.

The Club Rules and Safety Program can be found and downloaded at <http://www.vssclub.org/range-safety-officers.html> (or web site: Events → VSS Club Shoots → Range Safety Officer.

Winchester / NRA Achievements

Attained Expert:Eugene DaCorte, Robert Farwell, Cynthia Murphy, David Cottrell, Stuart Doyle, Jim Wheeler, Edwin Eich, and Edward Pack.

Attained Distinguished Expert:Eugene DaCorte, Steve Held, Charlie Bare, Tom Novak, and Bill Balassone.

Attained Pistol Defense I, Distinguished Expert:erne Betlach, Sherri Bernhoft, and Richard Eveson.

Attained Pistol Defense II, Distinguished Expert: Paul Andre, Randy Barkley, and Verne Betlach.



You can always see the current standings on the web site by clicking the header and follow Events → Winchester QP → WMP standings, or click here <http://www.vssclub.org/wmp-standings.html>.

A Hearty Congratulations to All!!

March 2017 Raffle Winners



Savannah Winner: Larry Smith	Eisenhower Winner: Allen Smith	Beretta Px4 Storm Compact
		

Congratulations to Larry and Allen

Upcoming Club Activities

NOTE: Club Membership and Reservations are required for all Shooting Events

Excursions

A trip to *Reload* occurred before the release of this newsletter. At the time of publication, this was the only scheduled excursion. Please visit the web site Excursion page for updates and newly scheduled events at <http://www.vssclub.org/excursion-sign-up.html>.

Shooting Events

Winchester Pistol Qualifications

April 7th, 11th, 18th & 25th Winchester Pistol Qualification shoots at the Gun Range on SR44 in Leesburg. Two sessions, 8-9am & 9-10am. *Do not forget eye and ear protection. Attire: billed cap, high neck shirt, no open toed shoes.* Floyd Dunstan is the Shoot Manager. Cost \$8.

Open Handgun shoots

April 14th, 21st, May 2th & 12th Open Handgun shoots at the Gun Range on SR44 in Leesburg starts

at 8-9am and 9-10am. Cost \$8. **The April 21st 8am slot is for beginner shooters.**

Ocala Sportsman's Association Handgun & Rifle (outdoor range)



April 20th at Ocala Sportsman's Assoc. Handgun and Rifle session are available. Shooter of the Month determined in shoot off. 1st session at 8:45am and the 2nd at 11am. Cost \$10.

Remember eye & ear protection. Adhere to the Club safety rules. If you need a Club safety card or chamber flag, ask an RSO or the Shoot Manager.



Next Seminar Meeting

Seminar: April 19th, at the Sea Breeze Recreation Center from 2-3 pm, Topic will be "Gun Guru Q&A Panel".

Next Member Meetings

Club Meeting, Savannah Rec Center: NO April meeting has been cancelled due to scheduling conflicts at Savannah.

Club Meeting, Eisenhower Rec Center - April 24th, 6:30pm – 8:00pm. Doors open at 5:30pm.

Gun Raffle: Springfield Armory XD's 3.3" 9mm, includes 4 magazines, a magazine pouch and holster.

