

# The MUZZLEBLAST

Florida's Largest Gun Club, over 4,300 and growing

Volume 2019, Issue 3

August 2019

## GRPC Rules Violations

*Safety is the Concern*

**By Allen Way**

Here at Gateway Rifle & Pistol Club (GRPC), we pride ourselves in being a shooting range where we have quite an enviable record in the industry for safety, a friendly relationship within the neighboring communities, and a pleasant setting in which our members and guests can enjoy the shooting sports, in an enjoyable outdoor range environment.

The reason that we are able to enjoy such an enviable record and friendly relationships is that we have rules that every member and guest are required to be aware of and to follow, very strictly. These rules not only protect other shooters, employees, members and guests, at GRPC while on our property, but the rules also protect those people and properties which are beyond our club's property borders: the neighborhoods and businesses which are not too far away.

It has come to the attention of the Board that some of our members and/or guests are in serious violation of our rules which concern the firing of center-fire RIFLE cartridges on our PISTOL RANGES. We have erected signs in the middle of the roads, near those ranges, warning shooters not to fire .223 caliber, 5.56 mm, or other center-fire rifle cartridges on our pistol ranges, regardless of the kind of equipment in which they may be loaded and fired!! As information: One can still shoot shotguns and rifles chambered for pistol rounds on the pistol line: .45's, 38's, and .22 AR's.

In addition, any member or guest witnessing another member or guest shooting center-fire rifle cartridges on our pistol ranges, should report the incident, with the name of the offenders, or an identifying car with license tag to the range officer or office staff.

If any member OR guest of that member is found to be using these rounds in violation of our rules, the member or member and guest will be, at the very least, escorted off of GRPC property, their membership revoked and the offender barred from GRPC property, for life!!!

Please, do not be found guilty of violating these easy-to-follow rules. If you have doubts as to what you may use or where you may use it, ask the Range Officer(s) on duty. Otherwise, if you are not sure, do not take a chance and possibly violate the rule(s), which will result in a negative experience for you.

*Allen Way*  
*allenway@comcast.net*  
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### 4 UNIVERSAL SAFETY RULES

- ⦿ All firearms are considered loaded at all times
- ⦿ Always point firearms in a safe direction (downrange, the ground, etc.), until on target and ready to fire
- ⦿ Always keep your trigger finger straight along the frame until on target and ready to fire
- ⦿ Always know your target and what is behind it

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## Summer at the Range

By **Bill King**

The dog days here at the range are just like past years. If you can stand the heat, you can have the place to yourself. We've gotten good remarks about the fans on the ranges so look for more of those in the near future.

Still, the thing we are wondering about is the decrease of daily members from last year. Indoor ranges, other interests, we wonder? Day shooters are an important part of our income, and if this decrease persists, we will have to be careful with our spending.

On a good note, most of the range improvements planned years ago have been completed. The facility does need to be maintained though and we intend to make this a first priority.

A major effort this summer has been the updating of the security camera system. Repairs weren't able to keep up with the age of our system, and we wanted improved resolution for the system. We were able to solve a gun theft issue using the system, recovering the stolen rifle so this is an important part of our range equipment. Also, if there is a training accident the system aids in understanding what happened.

We solicited estimates from most of the companies in Jacksonville who work with security systems and several were not interested, but one had a plan we could afford and it is working well. The general proposal from most was to replace the system with new stuff, which was prohibitively expensive. The one we used said to repair, paying a per-hour rate plus parts and replacement gear. A major improvement was achieved at a much lower cost. There is more to be done but so far, so good.

As usual, the things we break are repaired so we can have more fun. The beginning of hunting season will bring more shooters as will the improvement in temperatures as summer wanes. Can't wait for fall!

## Ladies Day 2019

It's here! Ladies Day at Gateway will be Saturday, Nov 16th! We are again limiting attendance to the first 100 ladies, and are also looking for volunteers!

Ladies Day is a day of learning firearm safety and shooting. Everyone will have an opportunity to shoot a variety of firearms. Ladies will be divided into groups and will be paired with experienced instructors for the training.

Please see the Registration Form on page 7 of this newsletter.

Contact Sue Carter at 904.880.1715 or at [suzcarter@reagan.com](mailto:suzcarter@reagan.com) if you have any questions, or if you can help out!



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## Shooting Equipment for Rifle Matches - the Rifle

**By Will Hux**

SGM SF (ret)

Distinguished #1416

NRA High Master Highpower & Long Range

USAS National Coach Development Staff (past)

Every game has its equipment except running where shoes and shorts are the minimum. However in my running days I never got 40,000 miles on a pair of \$160 shoes. More like a few hundred miles, if that. Shooting equipment can last a lifetime. Older shooters with new stuff have replaced older equipment out of choice rather than necessity. Every old shooting coat I had was sold or given to a new shooter and likely passed on from there. It is an investment, but it does not have to be an expensive one. We'll talk more about rifles and types later, but you will need a sling. If a service rifle like an AR-15, M-1A, or Garand, (Gas Gun) etc., you will need a military style sling. If a bolt action rifle (Bolt Gun), you can use a match rifle sling.

Ok, so "Service Rifle", what is that? Under the rules of the NRA and CMP, both list the type nomenclature and provide the salient characteristics of a service rifle. The rules outline the current service rifles as the AR-15/M-16 or the M-110. Rules explain length, stock dimensions, sights, and features. Like a NASCAR vehicle, they look 'stock' outside but under the hand guards boast a 1" to 1 1/4" diameter match barrel, the buttstock may have lead weight added of several pounds to balance the rifle. Sights will usually be finer in adjustments such as 1/2 or 1/4 MOA. The trigger will be the required 4.5 lbs. but will be two stage and very crisp.



But isn't my Service rifle a Match rifle? Well, yes and no. Yes your rifle, fitted with a match barrel, match sights, and expertly assembled is indeed a match rifle, but it is not a "Match" rifle per NRA or CMP rules. Under the rules a 'Service Rifle' is an instrument which was originally issued

to our military.

These include the M-1 Garand, the M-14 / M-1A, and the M-16 / AR-15 series.

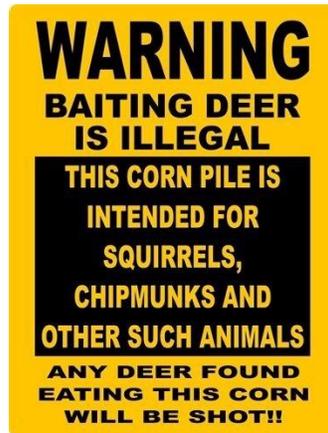


The "match rifle" is an NRA Match Rifle and includes bolt action rifles, and some military rifles which are not issued to our military. I urge you to google "NRA Highpower Rifle Rules" and read in detail the requirements for both rifles.

Sights on a Service Rifle will still look like ordinary military open "iron" sights but in reality the front sight will be cut a little finer, the rear sight will have graduations in 1/2 or 1/4 MOA rather than just a coarse 1 minute. Apertures are quite different, as service rifle apertures are a simple hole through a disk shaped stem. "Match" sights on a service rifle may have a finer, smaller diameter aperture. They may be finely threaded and have an insert for a prescription lens. Like NASCAR, outward appearances will fool you. The lens is valuable to even folks with perfect 20/20 vision if it will help sharpen the focus on the front sight. Or, if the sight is clear already, a negative lens will help bring the target into sharper focus. Rear sights for the NRA Match Rifle will look like a micrometer to the layman shooter. Adjustable for wind and elevation, their movement is checked with a dial indicator for exact incremental distance each 'click'.

The current rules allow an optical sight which must be a low power and with dimensions provided with the NRA and CMP rules. The optical sights have been issued to our military since before the current wars, initiated in 2001. Therefore they are part of the service rifle.

## As Seen on the Internet



**“THE PROBLEM WITH QUOTES ON THE INTERNET IS THAT YOU CAN’T ALWAYS BE SURE OF THEIR AUTHENTICITY”**

ABRAHAM LINCOLN



I wonder what the horse did when he fired?



## Equipment for Shooting - Support items

**By Will Hux**

SGM SF (ret)

Distinguished #1416

NRA High Master Highpower & Long Range

USAS National Coach Development Staff (past)

As the rifle is the main equipment item, the supporting items are almost as important. The sling is attached to the rifle and the other end is placed around the non-firing arm. It is used in all positions except the standing (offhand) position. Rules require it to be attached to a service rifle for the standing stages, though attached front and rear, tensioned and not used otherwise. Typical service rifle slings are leather or webbing. We tension the sling so that it provides support for the rifle and enables us to build a solid sitting and prone position. Incorrect arm placement may cause the pulse to interfere with the sight picture. Shifting the sling will relieve this. On a service rifle the sling attachment swivel is in a fixed location. On a Match Rifle, there is a rail with a hand stop and the sling is attached and the hand stop adjusted for the perfect distance.

A service rifle buttplate is attached at the end of the stock and is fixed, non-adjustable. On a Match Rifle the buttplate may be adjusted for length of pull, height, rotational axis, and may be shifted horizontally as needed.

A spotting scope is one of the most important pieces of ancillary shooting equipment. It needs its own article. I will, but let me introduce it here. Obviously the scope is used to view shot holes at 200 and 300 yards. It is used to view the scored target after each shot or rapid fire string. However, the scope is also used to view the conditions, wind flags, grass, dust, mirage, and anything to help judge forces which will directly affect the flight of the bullet or may affect the image of the target causing us to react and miss the mark.

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Fascinating how this all works. I can show you how to follow the trace of a bullet as it flies through the air en route to its target. With this skill you can 'read' the flight path and trajectory to predict the impact on the target before the scorers in the pits pull and mark the target. Yep, I have your attention now.

The spotting scope should have a sturdy stand and be positioned as close to the shooter as practical so that there is little movement needed to observe range conditions between shots. To facilitate viewing the mirage we turn the scope focus out so the view is blurred. This gives us the best opportunity to view the direction and intensity of the mirage.

A glove or mitt is used on the non-firing hand with the sling. We use a thick glove to prevent transmitting pulse to the rifle. Shooting coats come in a variety of fabrics from a soft taffeta nylon to stiff corduroy, canvas, and leather. The shooting coat is just stiff enough to provide support in all of the positions. Elbow pads are rubber as well as a shoulder pad, are sewn to the coat and are more for building a solid position than for comfort. This is a good time to mention that I am 'comfortable' when the amount of discomfort is exactly the same each time I assume a position. Uncomfortable, repeatable, and rock solid.

There is much to these very simple devices, adjustments for length and tension, placement on the upper arm either high or low (never in the middle). There are a few different types of match rifle slings and some specifically for smallbore or highpower. The best way to learn slings is to visit the firing line and ask questions. If there are 10 highpower shooters on the line I'd assume there would be at least 4 types made by a number of manufacturers. The only tragedy is not trying them before buying one. Ask a highpower shooter, they would probably loan you one of the ones they have that didn't work...there will be more on slings in my lesson on Gadgets and Gimmicks.



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## **9mm - Part 2**

*(Continued from The Muzzleblast, February 2019, page 15)*

**By Bill King**

I have good news. Someone has figured how to build an accurate 9mm pistol ammo combination. I'm talking 25 to 50-yard Bullseye shooting too. The bad news is they're not telling how they did it. Ted Carter says the military teams have gone to 9mm-only for match shooting and they are driving tacks. Several shooters who have had success say it's important to match barrel twist to bullet weight. I have a 'decent' 147 grain load that shoots ok in one gun but keyholes at 15 yards in the other. Several have had success with Ultimate Pistol and Cleanshot powders. For those who don't reload 9mm, and by the brass on the ground, they are many, North Florida Ammo in Orange Park loads match rounds for competitive shooters, shipping all over the US. They sell this ammo to others too. It can be done. The criteria for accuracy for a plate shooter and a Bullseye shooter are rather different, nothing new there. When using factory loads, several shooters have said that they have been unable to duplicate the accuracy levels of factory with reloads. Some won't shoot lead bullets consistently. Factory ammo is cheap enough that, if you are going to use jacketed bullets, the money saved isn't worth the effort to reload.

Okay, this is the challenge 9mm provides that .38 and .45 don't. There are long used 'standard' loads which will shoot with most all .38s and .45s. I have found that the variation in 9mm brass is extreme. Case weight and dimensions vary considerably. The dies I have, Dillon and RCBS are different too. Both over-size fired cases, so that loaded rounds have a waist which looks odd. I have backed off the sizing dies so this is reduced but results are inconclusive. Using a chronograph, velocity is inconsistent, crimp incorrect? I taper crimp and try to duplicate factory dimension. I've tried several powders and a load which shoots well this week will open up next week. The guys at 7-yd bays may be onto something!

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After summer heat declines, I'm going to examine my notes and either refine a good load or join the guys shooting factory ammo. Life is too short.

In the 9mm vs 45 caliber issue, The American Rifleman has shown some light. A test of a Sig 210 Target ammo shot tight groups with several different loads. Expensive but accurate. The new Remington 9mm has a .45 brother and both show similar accuracy, the 45 has no advantage over 9mm.

The 9mm package is what makes it popular. Micro to full size service pistols in sizes which will fit every hand. Some models have adjustable grip inserts to give a better hand fit. Recoil levels are tolerable. For the occasional shooter, this is important. Sights are generally much better than the old military pistols which are now mostly collector's items. Feeding all types of ammo is now normal. Failure to feed is mostly a magazine issue, not the feed ramp.

In these modern times, it's interesting to note that most popular handgun cartridges were designed about the same time... 38 Special in 1899... 9mm in 1904... 45 ACP in 1908 and .380 ACP in 1908. Think about it, the most popular handgun rounds were designed in a 10-year period 120 years ago! The only other that are popular are the .357 mag in 1935, the .44 magnum in 1954, and the .40 S&W in 1990. For many occasional shooters, these have too much recoil.

One thing has not changed. Few of the SA/DA and striker fired pistols have triggers as good as a plain SA trigger. When making guns used primarily for defense, the lawyers can be forgiven for not wanting crisp 4lb triggers.

Thanks for reading, Bill

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## **Juniors at the Gateway Rifle & Pistol Club, Inc.**

### ***Scope and Mission***

Our mission at the GRPC Juniors program is to teach children ages 10-18, gun safety and life's skills through the discipline of competitive rifle sports.

Our Junior program is one of the most successful junior shooting programs in the country.

### ***Overview of GRPC Junior Shooting Program***

GRPC sponsors the GJS, Gateway Junior Shooters, by providing an indoor air rifle range, rifles, pellets, targets and associated gear. The GJS adults provide coaching, instruction, advice and safety considerations.

We offer instruction to youths between the ages of 10 and 18. Physical size and maturity are factors in entering the program.

Safety is paramount. All persons entering the program are required to have a safety/procedure/process briefing, and pass a written Air Rifle Safety Test. If the only thing we instill in youth is safe gun handling, respect for the use and care of guns, then we have achieved a major goal.

We meet two nights per week, Tuesdays and Thursdays, from approximately 5:30 PM to 7:30 PM. The cost is \$11 per student for the first quarter year, then \$10 per student per additional quarter.

Shooting is done at the International Shooting Union (ISU) distance of 10 meters. The rifles are compressed air pellet rifles, capable of superb accuracy. We teach the European School of 3 Position Rifle, simply because the Euros have led the pack for the last 40 years or so. The positions are: Prone with sling, Offhand (standing) and Kneeling with sling.

Competitions (matches) are held. Participation is not required.

For more information, stop by and visit us. Contact person: Marion Estes: [marionestes4952@att.net](mailto:marionestes4952@att.net)



# Ladies' Day at Gateway

9301 Zambito Rd., Jax, FL 32210

\*\*\*Saturday, November 16, 2019\*\*\*



JOIN US FOR A DAY OF LEARNING FIREARM SAFETY AND SHOOTING  
EVERYONE WILL HAVE AN OPPORTUNITY TO SHOOT A VARIETY OF FIREARMS.  
LADIES WILL BE DIVIDED INTO GROUPS WITH EXPERIENCED INSTRUCTORS.

**FIREARMS AND AMMUNITION WILL BE PROVIDED.**

REGISTRATION:	8:00 – 8:30 A.M.
WELCOME & SAFETY BRIEF:	8:30 – 9:00 A.M.
SHOOTING TIMES:	9:15 – 11:30 A.M.
LUNCH:	11:30 A.M. – 12:30 P.M.
SHOOTING TIMES:	12:45 – 4:15 P.M.



**PRICE: \$35.00**

INCLUDES REGISTRATION AND LUNCH

**PRE-REGISTRATION REQUIRED; LIMITED TO 100, FIRST COME FIRST SERVED, NO WALK-ONS**

**\*NO SANDALS OR FLIP-FLOPS\***

WE RECOMMEND HIGH NECK T-SHIRTS AND BASEBALL CAPS

FOR MORE INFORMATION, CONTACT SUE CARTER AT 904-704-8814 or [suzcarter@reagan.com](mailto:suzcarter@reagan.com)

\*\*\*\*\*REGISTRATION INFORMATION\*\*\*\*\*

NAME (LAST) \_\_\_\_\_ (FIRST) \_\_\_\_\_ MI \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

E-MAIL \_\_\_\_\_ PHONE \_\_\_\_\_

AMOUNT PAID \_\_\_\_\_ CHECK # \_\_\_\_\_

Please put me in the same group as \_\_\_\_\_

**DEADLINE TO REGISTER – NOV 11, 2019**

\*\*\*\*\*Please return registration and payment to:\*\*\*\*\*

Sue Carter, 4412 Hood Rd., Jacksonville, FL 32257

Checks made payable to Gateway R&P Club

# CLUB INFORMATION

## Gateway Rifle & Pistol Club

9301 Zambito Ave. N, Jacksonville,  
FL 32210

904.771.2937

www.GRPC-JAX.com

## Where to Shoot

### Day Members or Annual and Life Members

Ranges 1 A-B-C-D: Pistols only with pistol calibers. Location: Far left (West) as you leave front office, 53 positions at 7/15 yards

Range 2: Rifles at 25-50 and 100 yards and shotguns on select positions

### Annual and Life Members Only

Both of above two ranges, #1 and #2

Range 3: Rifle 50- and 200-yards and Pistols with 10 inch Barrels or longer chambered for rifle cartridges

Range 4A: Same as Range 3 except 100-yards only

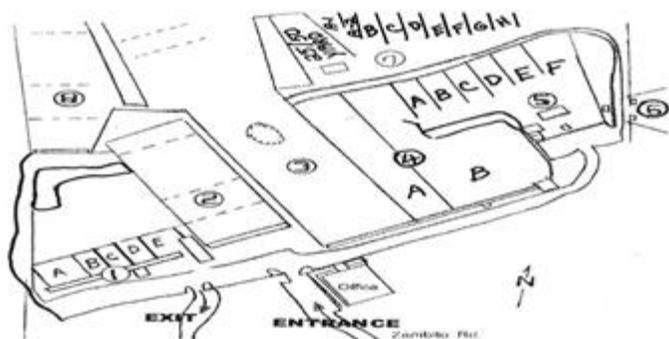
Range 4b: Rifles in rim fire .22 cal, .17 cal plus black powder rifles

Range 5 a-b-c-d-e-f: All-purpose ranges for Pistols and Rifles with Pistol Calibers

Range 6: Shotgun Skeet Range with only #6 to #9 Shot

Range 7 a-b-c-d-e-f-g-h: All Purpose ranges for Pistols and Rifles with Pistol Calibers, 25-/50-Yard Pistol Match Range, Pistols and Rifles with Pistol Calibers

Range 8: Rifle, 25, 50 and 100 yard Rifle targets



## ID BADGES

### All Shooters:

Annual, Life, and Day Members must wear ID badges at all times when on the club property.

Slate of Officers		
Officer	Name	Phone Number
President	Don Hardeman	904.631.6458
Vice President	Sam Grimes	904.207.3587
Secretary	Randy Erickson	904.729.4213
Treasurer	Sue Carter	904.880.1715
Public Relations Officer	Allen Way	904.276.3559 or 904.504.8303

Board Members		
Name	Phone Number	email Address
Tim Allen	904.483.7396	
Dana Baygents	904.403.9605	baygents@comcast.net
Arvil Budd	904.777.6932	
Bill Craig	904.737.5252 or 904.629.4247	
Robert Kindl	904.398.0763	
Bill King	904.262.0438	rusty10370@aol.com
Russ Misner	904.284.5347	misnerr@bellsouth.net
Toby Nolan	904.284.8164	
Alan Rosner	904.777.7777	

Range Maintenance Schedule		
Day	Time	Range
Monday	0800-1100	100-yard Rifle Range
Tuesday	0800-1100	All Pistol Ranges
Wednesday	0800-1100	Silhouette Range
Thursday	0800-1100	200-yard Rifle Range
Friday	0800-1100	All Multi-Purpose Ranges and New 100-yard Rifle Range

*Note: Subject to change based on maintenance need*

## Gateway Rifle & Pistol Club, Inc.

A private club, operated since 1965, providing a safe environment for the sport of shooting. We offer annual memberships allowing unlimited use of the shooting ranges and daily memberships for the occasional shooter limited to certain ranges. The club is open 7 days a week from 8:00 am until near dusk except Easter, Thanksgiving, and Christmas. There are numerous pistol ranges at various distances for shooting paper targets and steel plates. The rifle ranges provide 25, 50, 100, and 200 yard shooting positions. For those interested in competition there are monthly matches for small bore, black powder, .22 50/50 Benchrest, bullseye pistol, 3x20 prone, NMC and Cowboy, etc.

There is an active junior program and women's program. The facilities include the rifle and pistol shooting positions, a large club house, meeting rooms, and a store selling those items you may need at the range including targets, ammunition, and eye and ear protection. There is a Range Safety Officer on duty at all times.

<b>Tournament Schedule:</b>			
<b>Match</b>	<b>Range</b>	<b>Day</b>	<b>Time</b>
High Power Rifle Prone	3	1 <sup>st</sup> Saturday	0800-1100
22 Rimfire Benchrest	4	1 <sup>st</sup> Saturday	0800-1300
Club 1800 Pistol	1	1 <sup>st</sup> Sunday	0900-1200
Black Powder	4	2 <sup>nd</sup> Saturday	0800-1100
High Power Rifle XTC	3	2 <sup>nd</sup> Sunday	0800-1100
Smallbore F-class	4A	3 <sup>rd</sup> Saturday	0800-1100
NRA 1800 Bullseye	1	3 <sup>rd</sup> Sunday	0900-1200
Concealed Pistol/Home Defense Shotgun Match	5	3 <sup>rd</sup> Sunday	0900-
Smallbore Silhouette	4	4 <sup>th</sup> Saturday	0800-1400
Cowboy	5	4 <sup>th</sup> Saturday	0900-

#### **Disclaimer**

The Muzzleblast is published bimonthly by Lori Hallauer under the direction of the Gateway Rifle & Pistol Club. All newsletter content to be approved by the GRPC prior to publication. Technical and/or handloading data are for informational purposes only. No responsibility is accepted for results obtained by persons using such data, and all liability for any consequential injuries or damages is disclaimed. References herein to any specific commercial product, process or service by trade name, trademark, manufacturer or otherwise, does not necessarily constitute or imply endorsement, recommendation or favoring by The Gateway Rifle & Pistol Club, Inc., its Board of Directors, its membership, the editor, nor the Publisher. Letters to the editor should be brief, to the point, of firearm-related interest and contain the signature, address and telephone number of the sender. Letters to the editor do not necessarily reflect the views of the editor, publisher or Gateway Rifle & Pistol Club. Send submissions to: Gateway Rifle & Pistol Club, 9301 Zambito Rd., Jacksonville, FL 32210 or to the Muzzleblast editor at: [muzzleblasteditor@grpc-jax.com](mailto:muzzleblasteditor@grpc-jax.com).

<b>Disciplines/Contacts:</b>
<b>IR 50/50 22 Benchrest</b> Bill Smith 904.276.1008, work 904.790.6112
<b>Smallbore Rifle Silhouette</b> Hugh McCombs 904.309.1988
<b>Club 1800 Bullseye</b> Ted Carter 904.880.1715 <a href="mailto:cdrcoach@reagan.com">cdrcoach@reagan.com</a>
<b>High Power Rifle</b> Marion Estes <a href="mailto:marionestes4952@att.net">marionestes4952@att.net</a>
<b>3x20 High Power Rifle</b> Joe Zullo 904.495.4109
<b>Black Powder Muzzle Loading</b> Stan Goldy 904.410.1723
<b>NRA/1800 Bullseye</b> Ted Carter 904.880.1715 <a href="mailto:cdrcoach@reagan.com">cdrcoach@reagan.com</a>
<b>NRA/2700 Bullseye</b> Ted Carter 904.880.1715 <a href="mailto:cdrcoach@reagan.com">cdrcoach@reagan.com</a>
<b>Cowboy Action</b> Jake Mehrman 904.316.0644
<b>Junior Shooters</b> Marion Estes <a href="mailto:marionestes4952@att.net">marionestes4952@att.net</a>
<b>Smallbore F Class</b> Terry Pitts 216.695.1066
<b>Women's Programs</b> Sue Carter 904.880.1715
<b>Concealed Pistol/Home Defense Shotgun</b> Willy Todorsky <a href="mailto:Willywhiskers@yahoo.com">Willywhiskers@yahoo.com</a>

Thank you for reading! If you would like to submit information, articles, or match scores, please send them to Bill King at [rusty10370@aol.com](mailto:rusty10370@aol.com) or Lori Hallauer at [redhawks1980@hotmail.com](mailto:redhawks1980@hotmail.com).