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NRA GOL STANDARI

There's a higher standard within the NRA, a "Gold Standard" of patriots standing together for freedom. During a speech at the 2015 NRA Foundation Banquet in Nashville, America's

Gold Expert® Mike Fuljenz admonished critics of the organization when he declared, "The NRA is not a one-trick pony" then emphasized the NRA is education for gun safety, training for law enforcement, support for hunters and competitive shooting contests. "NRA members should not be pigeon-holed or stereotyped by some news media... The NRA is composed of many people: community leaders, Meals on Wheels and charity volunteers, youth coaches, and salt of the earth good people!" As the NRA says, we are good guys (and gals) with guns.

Congratulations MIKE FULIENZ Numismatic Consultant, First Fidelity Reserve

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Attention Competitors!

NRA Publications, your leading source for all things competitive shooting and firearms, is proud to present its newest web property: ssusa.org.

That's right! The captivating articles, helpful shooting tips and techniques, product reviews, historical pieces and interviews with the pros that can be found in the pages of the monthly Shooting Sports USA can now be found online at ssusa.org. In addition, the website's features allow us to post more competitive shooting championships and coverage of local matches, Shooting Sports USA Insider: a new email newsletter, and publish extra articles on news and special updates.

The new website gives you easy access to the last seven years of the online Shooting Sports USA monthly magazine. You can search, download and print any or all issues by going to "Monthly Magazine" under the "Menu" tab. If you run into any problems, please email us at shootingsportsusa@nrahq.org.

On behalf of the staff and NRA Publications, we hope you continue to read the monthly SSUSA and enjoy the new website. We thank you for your interest and support of the shooting sports.

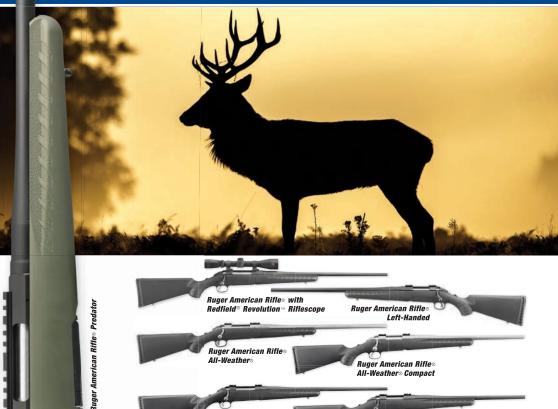
See you on the range.

John Parker

Managing Editor, Shooting Sports USA



EIGHT POPULAR MODELS, ONE VERSATILE LINE

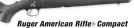


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20 **GOT A GARAND?**

Your M1 Garand used to throw empties forward and to the right as it should, but today it's been ejecting to the right rear. Or you've reassembled your Garand and now the action is locked up—what happened? Read this treasure trove of M1 Garand resources for guidance.

By Art Merrill

26

FIVE TIPS FOR 3-GUN AND ACTION PISTOL COMPETITION

These tips for 3-gun and action pistol will help you save minutes, as well as add precious points to keep you moving up the competition leaderboard.

By Michelle L. Cerino

30 **2015 CRAWFISH CUP**

Seventy-five competitors from 16 states made their way to Southwest Louisiana for this year's Crawfish Cup NRA Action Pistol Regional, much higher than the 51 competitors in 2014. Something must be in the water in Cajun country.

By George Mowbray

32 THE HISTORY OF WOMEN'S INTERNATIONAL SHOTGUN

Women shotgun athletes have overcome significant challenges to compete at the Olympic level. Women in coaching face similar challenges, aspiring to help our young women athletes achieve their Olympic dream.

By Frances Strodtman-Royer

ON THE COVER

Justin Petrick of Springfield Armory fires an M1 Garand at the CMP's new marksmanship park in Talladega, Alabama.

Photo by John Parker

▼ Competitors were in for a soggy mess after firing commenced at this year's Crawfish Cup Action Pistol Regional. Read on page 30 to see the outcome.

> Wayne R. LaPierre Executive Vice President

The NRA, the foremost guardian of the traditional American right to "keep and bear arms," believes every law-abiding citizen is entitled to the ownership and legal use of firearms,

and that every reputable gun owner should be an NRA member.







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Coming Events list national matches and provides a download link to the monthly list of 11,000 local matches each year.

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HAVE A SUGGESTION FOR A STORY? E-mail us at shootingsportsusa@nrahq.org

QUESTIONS ABOUT NRA COMPETITIONS? E-mail us at **comphelp@nrahq.org**

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The National Rifle Association **Tribute Shotgun**

Authorized by the National Rifle Association

After the United States Constitution was ratified, the Founding Fathers added a very powerful postscript – the Bill of Rights. High on that list is the Second Amendment, which states that "the right of the people to keep and bear Arms, shall not be infringed." Firearms enthusiasts know all too well that our Constitutional right "to keep and bear arms" is under constant attack by activists and politicians. And even though it has become a hot-button issue, the heart of the Second Amendment is American freedom.

Today, more than at any time in the past, the rhetoric and attempts to pass legislation limiting or banning firearms is unprecedented. With these on-going attacks on "America's First Freedom", the National Rifle Association is needed more than ever. Americans around the country have united to support and assist the National Rifle Association in their fight to strip away the very freedoms guaranteed to all citizens of our great country by

For over 140 years, The National Rifle Association has served as America's first line of defense in preserving the heritage our Founding Fathers left us. America Remembers is proud to honor the NRA's tireless and patriotic commitment as "Defenders of Freedom" with the National Rifle Association Tribute Shotgun. For this Tribute, the powerful Remington Model 870 Express Tactical 12-gauge shotgun was selected because of its unparalleled reputation for law enforcement and home defense. Craftsmen commissioned specifically by America Remembers decorate each Tribute in stunning 24-karat gold artwork on a blued-steel receiver. This ever-popular pump-action shotgun provides the perfect canvas for the elegant 24-karat gold artwork saluting the National Rifle Association and their steadfast support for protecting the freedoms guaranteed to every American in our Constitution and Bill of Rights.

A Trusted Tactical Shotgun

Home defense is one of the most important rights protected under the Second Amendment. In order to protect their homes, property and loved ones, many homeowners rely on their shotguns as their first line of defense. Many consider a shotgun as the best weapon for home defense - it doesn't require pinpoint accuracy, it is powerful, and shotguns have earned a special respect for these reasons. A shotgun can be an intimidating weapon in close quarters home defense. After decades of trusted service and an unmatched record for dependability, it is no wonder the Remington Model 870 shotgun is so trusted for home defense. Few firearms combine ease-of-use, sturdiness, and power in such a potent package. Today, Americans across our country rest easier knowing that their trusted shotgun stands at the ready to protect them and their property.

Only 500 Available

Only 500 National Rifle Association Tribute Shotguns will ever be issued and are available exclusively through America Remembers. Reservations will be accepted in the order they are received. Delivery of your working shotgun will be arranged through a licensed firearms dealer of your choice. As always, if you are not satisfied with your Tribute after personal inspection, you can return it in original, unfired condition within 30 days for a full refund.

■ Every shotgun is built for unmatched power and durability. Establishing the overall rugged appeal of the shotgun is the 18 1/2-inch matte blued barrel, and the sturdy all-black synthetic stock. Also featured is a Rem Choke Tactical extended ported choke tube.

▼ The right side features the "NRA Stand and Fight" banner, a reminder for all Americans to take a stand and support our rights, in order to protect the freedoms guaranteed to every American by our Founding Fathers. Also prominently displayed is a banner which bears the phrase, "... the right of the people to keep and bear Arms, shall not be infringed." An American bald eagle, symbol of American strength and resilience, is also featured above a banner which reads, "NRA - Constitutional Freedom".



▼ The left side features a militia member standing at the ready with his musket. Also featured is the NRA seal with a banner which proclaims, "Defenders of Freedom" above the familiar NRA seal. An American bald eagle alertly watches over the stars and stripes of the USA.



Model: Remington 870 Express Tactical • Edition Limit: 500 • Barrel Length: 18 1/2 - inches • Caliber: 12-Gauge

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I wish to reserve ____ of the "National Rifle Association Tribute Shotgun" a working Remington 870 Express Tactical shotgun, at the introductory issue price of \$1,895.* My deposit of \$195 per Tribute is enclosed. I wish to pay the balance at the rate of \$100 per month, no interest or carrying charges. Certificate of Authenticity included. Thirty-day return privilege. *All orders are subject to acceptance and credit verification prior to shipment. Shipping and handling will be added to each order Virginia residents please add sales tax

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F-CLASS

The U.S. F-Class squad won the prestigious Creedmoor Cup competition held June 28-29 at the Midlands National Shooting Centre in Tullamore, Ireland. This competition has a rich history, going back to the original Challenge Match in 1874 between American and Irish Teams in Creedmoor, New York. Way to go Team USA!

BLACK POWDER

NRA and the North-South Skirmish Association (N-SSA) have teamed up to present invitational competitive shooting events for N-SSA members. The events will take place at Fort Shenandoah in Winchester, Virginia, during the skirmishes taking place this May and October. For more information, please contact Barry Ranney at branney@nrahq.org.

SILHOUETTE

The Cowboy and Black Powder Cartridge Rifle Championships for 2015 have been completed. Now is your chance to win some awards-and possibly set a National Record at the Smallbore Rifle and High Power Rifle Championships in Ridgway, Pennsylvania. Keep the week of August 2-8 open if you want to compete in the Silhouette Championships in 2015—Smallbore is August 2-4 and High Power is August 6-8. Game on!

SMALLBORE

Bids to conduct a Sectional for the National Smallbore Indoor Championship will be open September 1, 2015. If you are interested in conducting a Sectional please contact Dian Bullock at dbullock@nrahq.org. Additionally, be on the lookout for an expanded State Team Postal match—more information will be forthcoming this fall. Finally, the location of the 2016 NRA National Smallbore Rifle Championships is expected be released in October or November 2015.

HIGH POWER RIFLE

The America's Rifle Match (NRA-AR Match), presented by **Daniel Defense** is a new and exciting rifle program designed by NRA to develop marksmanship skills of adults and youngsters of all skill levels. NRA-AR Matches can be conducted on just about any rifle range in the country, and is very adaptable for novice competitors—as well as setting up challenging scenarios for seasoned shooters. For questions on hosting a match at your



range, courses of fire or sanctioning an NRA-AR Match, please email nra-armatch@nrahq.org, or call 703-267-1487.

TEAM SIG

SIG Sauer has announced Team SIG, the gunmaker's new competitive shooting squad. Team SIG will operate under the leadership of world champion competitive shooter Max Michel, Jr. and team manager Bruce Gray. Team SIG will use the new P320 modular handgun. Emphasizing USPSA and NRA Action Pistol competition, Team SIG will show the versatility and durability of the P320 platform. In addition to the P320, Team SIG competitors will compete with the SIG M400 rifle and other SIG SAUER rifle platforms.



Max Michel,	Team Captain
Bruce Gray, M	lanager/Coach

Michael Boyd	Dennis Carroll	Tony Caspers	Shawn Clark
Alma Cole	Annette Evans	Allen Forkner	Bill Garland, Jr.
Bill Garland, Sr.	Harold Hawkins	Tim Herron	Rick Holm
Jacqueline Janes	Emilee Jones	Jerry Jones	Clay Klemm
Daniel Lampignano	Mason Lane	Yong Lee	Arik Levy
Roy Nelson	Tracie Rushing	Albert Salinas	
A.J. Stuart	Mike Vosen	Bryan Williams	









NEW RANGE APP

Time on Target is a tactical training app for the modern shooter. Grab your firearm, head to the range, and increase your competitive shooting proficiency. The app uses your smartphone as a shooting instructor to run you through various drills.

NEW F-CLASS COACH

The U.S. F-Class Rifle Team has announced that Michelle Gallagher will be head coach for the 2017 World Championship Team. Michelle grew up shooting smallbore and Palma with her family at ranges from Phoenix to Camp Perry, Ohio. In 2009 she decided to give F-Class a try. That year at Bisley, she along with her mom Nancy Tompkins coached the 4-man U.S. F-Open Team to a win at the Rutland Cup World Championship Match. At the U.S. F-Class Nationals, she coached the Long Shots to back-to-back National Championships in 2011 and 2012.

RIO AMMO

Rio Ammunition recently opened their new 105,000 square foot manufacturing facility in Marshall, Texas. Designed to accommodate the needs and wants of sportsmen in the U.S. and Canada, this factory will eventually produce over 1,000,000 shells per day and consolidate Rio's operations within the American market.



WHAT'S IN YOUR RANGE BAG, WILL BROWN?

BY BARBARA BAIRD, WWW.WOMENSOUTDOORNEWS.COM

hen asked to describe himself, Will Brown said, "I'm just a guy from Idaho who has been blessed with a loving family, great friends, and an awesome opportunity to represent my country at something I enjoy so much. When I'm not training, I'm working for my dad or grandpa, doing anything from running a tractor to swinging a hammer. I try to spend my time off in the outdoors with the ones that I love." In fact. the whole Brown family-Will, along with his mom, dad and

brother-can be found on firing lines at USA Shooting matches across the country.

Will has been shooting competitively since 2006, in International Slow Fire pistol events, 50 Meter Free Pistol and 10 Meter Air Pistol. He shoots a Morini CM 84 E with Eley Tenex ammunition for Free Pistol. For Air Pistol, he chooses a Steyr LP10 E, matched with RWS R10 pellets.

"My range bag is more of a box," said Will. "I use a big Storm case. It keeps all my guns and gear protected on those long international expeditions. So far, everything has always showed up to my destination in one piece and fully functional."

Here's what he packs in his range box:

- 1. Aforementioned firearms and ammo
- 2. LP10 as a backup
- 3. Champion shooting glasses



- 4. Visor, for ranges with bright overhead light, because a ball cap doesn't sit down over the glasses very well.
- 5. Howard Leight earplugs the red, white and blue ones, of course. "Because-'Merica!"
- 6. Gun permits if needed for international travel. "Don't show up without them!"
- 7. Cleaning supplies, tools, and a few small parts.
- 8. Batteries! "My guns have electronic trigger groups. Dead batteries=no bang!"

When asked to describe himself in three words, he said, "Disciplined, hardworking, and humble." One of Will's favorite quotes is a passage from the Bible, "I can do all things through Christ who strengthens me (Philippians 4:13)."

When he's not shooting, Will more than likely can be found outdoors somewhere. "I love to hunt, hike, fish, and spend time on my horse. And those things are always made better when I can share them with someone else."

The young shooter believes in the adage that practice doesn't make perfect. Only perfect practice makes perfect. He says it's important to "be smart, disciplined and methodical in your training. Keep it simple at the match; you've already done all the hard work!"

Learn more about Will Brown at USA Shooting.

MONTHLY PARTNER'S CORNER

PHOTO CAPTION CONTEST

▼ JULY PHOTO

"Let's see, I won because my watch shows your time had expired."

July's winning caption submitted by: Ken Lore of Hickory, North Carolina.





▲ AUGUST PHOTO Your Caption Here!



Submit your humorous photo caption to shootingsportsusa@nrahq.org no later than August 10, 2015, in order to appear in the September issue. Each month we will share submissions with our judges. The winning caption author will receive a complimentary WeatherFlow smartphone anemometer as reported here.





























WE SAVED YOU A SPOT!

This section of Shooter's News is where we list companies who display the Shooting Sports USA logo and link on their websites. Here, we return the favor. To join the FREE partners list, please contact us using the magazine's e-mail address: shootingsportsusa@nrahq.org @

PRODUCT FOCUS

- The tool has all that's needed to strip and clean a BCG quickly, and keep that AR running during a lengthy match.
- The 12 interchangeable driver bits will fix a myriad of minor rangeequipment problems for any gun.
- The extensive array of tool heads go beyond AR maintenance and make it a worth while edition to any shooter's range bag.



REALAMD

STORY AND PHOTOS BY CHRIS CHRISTIAN

AR15TC3L

DON'T LET THE NAME FOOL YOU.
IT'S A COMPACT TOOL KIT FOR ANY RANGE BAG.



chieving your best in any shooting competition is tough enough, even when everything goes right. Moreover, if you suffer an equipment problem, your match can be trashed.

It doesn't have to be a major problem. Loose grips on a handgun, wobbly optical sight mounts, retaining pins backing out, tension screws on a holster or magazine carriers loosening, or any other minor equipment malfunction can hurt your score. Most veteran shooters have experienced one, or more at a match.

Other than a catastrophic gun failure due to a broken part, these equipment malfunctions can usually be corrected quickly by a trip to the safe-handling area with the appropriate tools. The key words being appropriate tools, and including the right ones in an already bulging range bag can be a chore. The Real Avid AR15 Tool is a solution.

The AR15 Tool is a folding multi-tool with all steel construction, black oxide coating, and G10 grip plates. It comes with a MOLLE compatible ballistic nvlon sheath. When folded within the sheath, the tool is only slightly larger than a pack of king size cigarettes taking up little room in a range bag. Open it up and the array of tools is impressive.

As the name implies, the tool packs a number of AR-specific features that can be invaluable for High Power Rifle and 3-gun competitors.

Carbon build up on the bolt carrier group (BCG) can be particularly annoying with direct impingement gas operating actions. Impressively, the Real Avid tool provides all that's needed to disassemble and clean it. A curved pick removes the firing pin retaining cotter pin, and the tool is properly sized to clean carbon from the firing pin hole on the bolt. A punch pin is sized to remove and install the extractor pin. Both are interchangeable using 8-32 threads. The curved pick uses a male thread and the punch uses a female thread. This allows

those swing out arms to accept any other accessories using that 8-32 thread pattern and lets the user customize their tools for additional tasks.

With the BCG disassembled, a ten-function carbon scraper can remove carbon build up from multiple angles on the bolt, including the locking lugs. It will also ream out the gas key carrier. A separate carbon scraper is precisely sized to scrape the inner forward section of the BCG body that receives the bolt. This scraper also has a small section of flat file on one side.

A compartment on the MOLLE sheath holds a double-ended sight adjustment tool that will handle A1 and A2 front sights. Another flip out tool is a bolt override that can quickly free a jammed bolt.

> These features make it an excellent choice for AR shooters. However, additional

tools take it beyond the AR making

it valuable for any competitor.

Six double-ended interchangeable bits fit into a fold out bit driver, and five are stored in the sheath. The 12 bits include flat, Phillips, Allen, and Torx heads that will handle just about anything from delicate handgun sight adjustments to torquing down an optical sight mount, and everything

in between. One won't have to worry about having the wrong screwdriver.

The Real Avid AR15 Tool also has a tap hammer built in, and on more than one occasion I have used one of the larger Allen heads as a drift punch to move a shooter's fixed rear sight into the proper position.

The tool includes a sturdy set of combination needle nose pliers and a 3.25-inch serrated Tanto knife blade. These are a bit extreme for gun repairs, but this IDPA Safety Officer has used them a number of times to repair and adjust range props to keep the match moving smoothly.

That's a lot of versatility from a \$79.99 tool that isn't much bigger than a pack of cigarettes and can tuck comfortably into any range bag. Order your Real Avid AR15 Tool now.

PRECISION PISTOL

TEXAS STATE OUTDOOR PISTOL CHAMPIONSHIP

Amarillo Rifle and Pistol Club Amarillo, Texas May 30 39 competitors Submitted by Daryl Taramasso





This year's State Outdoor Pistol Championship was held at the Amarillo Rifle and Pistol Club the weekend of May 30-31. The weather was perfect for competitive shooting with some clouds, but mostly sunny with very little wind. The match winner was Steven Reiter from Tucson, Arizona with 2597-94X points. A close runner-up was Chuck Holt from Fort Collins, Colorado with a score of 2589-87X.

WINNER	Steven Reiter Tucson, Arizona	2597-94X
2 ND	Chuck Holt Fort Collins, Colorado	2589-87X
3 RD	Terrence Sears Belen, New Mexico	2571-92X
HIGH MASTER	Daniel Miller Mineola, Texas	2549-80X
HIGH SERVICE EXPERT	Terrence Sears Belen, New Mexico	2571-92X
HIGH CIVILIAN EXPERT	Michael Morgan Killeen, Texas	2544-61X
HIGH SHARPSHOOTER	Herman Baldwin Blanchard, Oklahoma	2389-41X
HIGH MARKSMAN	Larry Timmons Midland, Texas	2137-25X
HIGH WOMAN	Yvonne Roberts Stillwater, Oklahoma	2297-29X
HIGH SENIOR	Larry Redman Big Spring, Texas	2352-36X
HIGH GRAND SENIOR	Clark Calve Denver, Colorado	2461-49X





SILHOUETTE COWBOY LEVER ACTION

SOONER CLASSIC REGIONAL **CLA SILHOUETTE MATCH**

Oklahoma City Gun Club Arcadia, Oklahoma May 23 42 competitors Submitted by Michael Blackwell

THREE GUN

WINNER	Joe Atwood Arlington, Texas	104/120
2 ND	Mark Sternglanz Fort Worth, Texas	103/120
3 RD	Jim Luke Overland Park, Kansas	101/120

SMALLBORE RIFLE

WINNER	Joe Atwood Arlington, Texas	37/40
2 ND	Jerry Boydston Fort Worth, Texas	36/40
3 RD	Jim Luke Overland Park, Kansas	35/40

PISTOL CARTRIDGE

WINNER	Robert Massey Benbrook, Texas	37/40
2 ND	Mark Sternglanz Fort Worth, Texas	36/40
3 RD	Larry Reynolds Benton, Arkansas	35/40

CENTERFIRE RIFLE

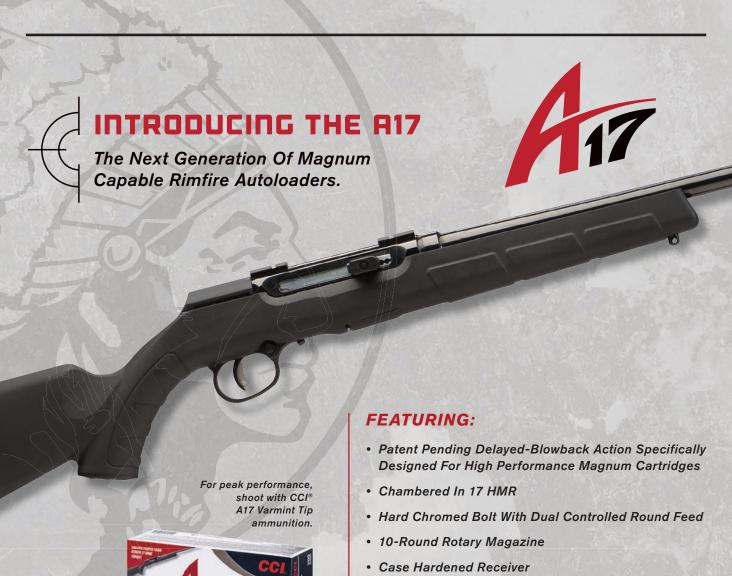
WINNER	Joe Atwood Arlington, Texas	36/40
2 ND	Robert Massey Benbrook, Texas	35/40
3 RD	Jim Luke Overland Park, Kansas	34/40







HE TO THE





- Adjustable AccuTrigger™
- Oversized Bolt Handle



There are plenty of resources out there, and most are free!

got a Garand?



IRA



our M1 Garand used to throw empties forward and to the right as it should, but today it's been ejecting to the right rear. What does it mean? Or you've reassembled your Garand and now the action is locked up—what happened? And do you really need a gas cylinder lock screw wrench and gas cylinder wrench to disassemble the Garand?

INFORMATION, PLEASE

The proper workings and care of the rifle, however, are not exactly intuitive for the average

- ▲ Military and civilian armorers have succeeded in crafting the semi-automatic M1 battle rifle into an equally effective match arm for competitive shooters. This example was originally produced in 1945 before being reworked into a National Match rifle. **Approximately 3600 National** Match M1 rifles were produced between 1953 and 1963.
- ◀ The M1 Garand was favored as a battle rifle and later became a favored gun for competition. Here the M1 appears in National Match configuration, with special components such as glass bedding for the receiver for extreme accuracy.

shooter unfamiliar with the M1. Happily, reliable information is easy to come by—and plenty of it is free—and so are tools, accessories and the necessary en bloc clips. Number one on your priority list should be an illustrated parts breakdown—an IPB or "exploded view" drawing-of the disassembled rifle showing the relationship and ID of the parts, accompanied by disassembly/reassembly instructions. Second are instructions on operating the rifle. Third, you'll certainly want to know the M1's critical lubrication points and some tips on troubleshooting

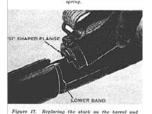
FEATURE | GARAND

- Among the best information resources you'll find on all things M1 Garand is at http:// www.nicolausassociates. com/M1_Garand.htm.
- The most concise "needto-know" information for the M1 Garand is within the U.S. Army Field Manual FM 23-5 "U.S. Rifle, Caliber .30, M1" of May 1965.





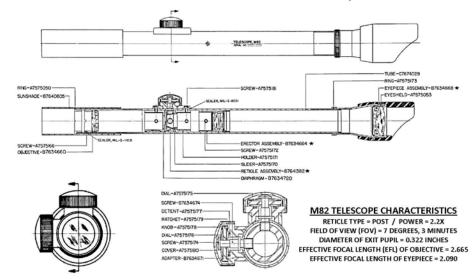




18. Replacing the trigger housing group

TELESCOPE M82: DIAGRAMS & PICTURES

Editor / Author: Eric A. Nicolaus



common problems. And then, of course, come the necessary accessories like slings and clips, as well as the stuff of historical interest such as manuals, bayonets, grenade launchers and the like, if you are so inclined. Let's see where to get it.

HI-PRI INFO

Beginning with our highest priority, there are maintenance information sources available both modern and contemporary to the Garand. Perhaps the most authoritative and yet concise "need-to-know" information is within the Department of the Army Field Manual FM 23-5 "U.S. Rifle, Caliber .30, M1" of May 1965 and reprinted by the government as late as 1987. This 28 page excerpt from the earlier 540-page full manual covers M1 operation & functioning, clearing and troubleshooting stoppages, and routine maintenance. A free, downloadable PDF scan is available at https://archive.org/details/Fm23-5. The FM lacks a full IPB and parts list, and the photos, reproduced on 1980's photocopiers and scanned as-is, are not very clear but it is useable.

Gun-Guides publishes a 16-page booklet on Garand disassembly and reassembly. Bright white paper and high contrast makes the photo and print quality far superior to original government publications, and spiral binding allows the booklet to lie flat for easy reference while breaking the Garand down or reassembling it. It has an IPB and parts list, but does not include info on lubrication points. Price is \$7; visit www.Gun-Guides.com for more information.

If you prefer to see it done, try the On-Target M1 Garand video. The disassembly/reassembly procedure is brightly lit and in-focus, hands are out of the way for good viewing and the speaker communicates clearly. A clean and lube tutorial takes up a good portion of the video's 72 minutes. Priced around \$20 and available at www.OnTargetVideos.com.

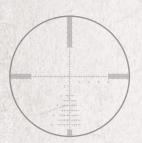
THE WORLD'S

CRITICS -

ARE ITS CHAMPIONS



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AS GOOD

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ALL IN ALL I WOULD HIGHLY RECOMMEND THIS SCOPE."

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ACIDO A LOT OF A LONG RANGE SHOOTING AND THIS SCOPE FITS THE BILL. THE QUALITY IS AMAZING AND IS BACKED BY A LIFETIME

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WITHOUT OUT ON!

""...comparing its glass TO OTHER FFP'S

THE BUSHNELL

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BETTER GUALITY, BETTER SCOPE



"Know Your M1 Garand Rifles" by E. J. Hoffschmidt and published by Blacksmith Corp appears to be out of print, but it is included here because used copies are available online and it is a valuable, though abbreviated resource. Includes field stripping, troubleshooting, operation, serial number table and an armorer's how-to on modifying pre-war Garands to wartime configuration. The first 45 pages touch on the developmental models of the Garand, including the "E" series and into the "T" series that became the M-14 rifle, the BM-59 and more. A book to arm you with info and factoids for your next Garand conversation.

For more in-depth information, there are specific "go-to" authors who have written excellent books on the M1 Garand; an online search of their names will show titles of interest to you. They are Bruce N. Canfield, Scott Duff and Joe Poyer.

NOW THAT WE'RE ONLINE...

The Civilian Marksmanship Program is the leading national authority on the M1 Garand, having inherited the responsibilities—as well as the remaining government surplus Garands—of the former U.S. Army Director of Civilian Marksmanship. In addition to sales of surplus M1s, their parts and ammo, CMP offers live webinars on proper M1 maintenance, marksmanship clinics, Garand clinics, sanctioned competitions and a whole lot more.

Nicolaus Associates is a veritable treasure trove of esoteric technical information on the M1 Garand, from the "gas trap" to the M1D and National Match versions. In addition to reprints of dozens of different U.S. Government M1 Garand Technical Manuals, Maintenance Manuals, Field Manuals and Bulletins, Eric Nicolaus offers his own work he's written on M1 Garand rear sights, the

◀ There is no lack of information, parts and accessories available for the M1 Garand competitor.

M81, M82 and M84 telescopes and the M1D sniper rifle, all with blueprints and detailed component parts ID and illustrations. His books and reprinted manuals are spiral bound to lie flat on your workbench, though Bulletin reprints I've ordered from Nicolaus, with lesser page counts, come stapled instead. Just about everything is printed on quality 24-pound or heavier "bright white" paper so that the illustrations and text stand sharp and clear, and the spiral bound books are protected by 19 mil polypropylene covers. Nicolaus also offers fun Garand goodies such as color reprints of WWII posters and technical diagrams for your wall, and Garand coffee mugs for your kitchen. Nearly all products are under \$25, many are under \$10, and there's a surprising amount of free, downloadable information. As an aside, Nicolaus gives similar treatment to the Springfield and M-14 rifles.

Definitely a website to bookmark is Garand Gear. There you'll find USGI spec parts, tools, gauges, clips and a few Garand accessories. They also have some interesting freebies, most notably a direct analysis of M1 gas port pressures produced by different brands of commercial .30-06 ammunition, showing which ones exceed M2 Ball pressure, as well as the

pressures produced by ammo manufactured specifically for the M1 Garand, such as Hornady's M1 Garand Match and Federal's American Eagle M1 Garand. Here you'll also find free, downloadable and printable PDF copies of War Department M1 Garand maintenance manuals TM9-1275 and TM9-1005. To the latter they've added some history of the Garand as well as some photos not found in the original.

TWO KINDS OF PARTS

Finding Garand parts is as simple as typing, "M1 Garand parts" in your browser bar. Most who sell parts also sell accessories and the en bloc clips; new-made clips are now available, bringing the per-clip price down into the \$1.40-\$1.75 range when you buy 12-20. Do be aware that Garand parts are segregated into "collector" and "non-collector" (a.k.a. new manufacture) categories, though both may be promoted as "USGI." And remember that adding any "NM" parts to your Garand disqualifies it for CMP "as-issued" competition. Here's a brief sampling of parts resources:

- http://thecmp.org/cmp_sales/
- http://www.fulton-armory.com/
- http://www.e-sarcoinc.com/ garand.aspx
- http://www.ellicottdepot.com
- http://www.ammogarand.com/ m1garandparts.html

TOOLS?

There are a number of armorer's tools and gauges specific to the M1 Garand, but none are necessary for a shooter to perform routine maintenance on the rifle. If you've got the spare coin as well



- ▲ The Garand Gear website features some interesting freebies, most notably a direct analysis of M1 gas port pressures produced by different brands of commercial ammunition, showing which ones exceed M2 Ball pressure as well as the pressures produced by ammo manufactured specifically for the M1 Garand.
- ▼ There is a treasure trove of information available online for your M1 Garand and keeping it in tip top shape for your next match.

as the historical interest, then certainly "the proper tool for the proper job" is always preferable. For routine maintenance disassembly and reassembly, a gas cylinder screw wrench, gas cylinder lock wrench and combination tool are really all you need.

But in answer to the opening questions, you can use a large flat bladed screwdriver to remove the gas cylinder screw and padding, an adjustable crescent wrench jaws with leather (or using extra care) will work to remove and tighten the gas cylinder lock without marring it. If the action is frozen in position on reassembly, then check that you correctly oriented the accelerator before you reinstalled the op rod catch assembly pin—an example of why an IPB is handy.

And those rearward ejections?The M1's ejected empties flying rearward rather than forward is an indication of excessive friction and forewarns of eventual failure to chamber and eject. The cure is to grease the seven op rod/bolt/ receiver contact points shown in Figure 33 in the free PDF download of FM 23-5.





TO HELP INCREASE YOUR SCORES

BY MICHELLE L. CERINO

n competitive shooting my goal is to increase my scores from the previous year. At first it was easy—as my rank started out pretty low. Now, however, I have to put more effort into it. The following tips have saved minutes and added precious points to keep me moving up in my ranking.

Understand the Course of Fire



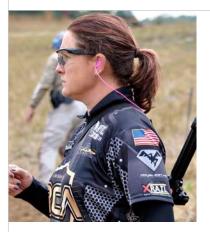
NRA Action Pistol is a standard course of fire. Prior to a match, I watch videos online and review the course. 3-gun matches are always different, so I am sure to pay close attention when a range officer explains the stage. Knowing what targets must be engaged with which firearm and from where keeps procedural deductions minimal.





Know Your Gear

For a competitor, it is imperative to have the ability to successfully manipulate gear and firearms. Knowing how and where to grab for magazines for reloads reduces fumbling, and saves time. Likewise, knowing my firearms and having automatic motor programs for loading, unloading and clearing malfunctions really helps. Spending time manipulating gear and firearms is just as important as practicing with live fire.



Have a Plan

When shooting 3-gun it's crucial to have a plan. Walking the stages the day before with pen and paper in hand, I decide how best to engage targets; what order, from where, and with which gun. This includes finding areas that can make my rifle shooting a little easier by using available supports like tables, railings, barricades or terrain. Timing is extremely important. NRA Action Pistol is only scored by hits, I use every second available to make each shot a wellaimed one. In 3-gun, on the other hand, time is of the essence. I try not to get sucked into a difficult target, rather I engage as many as I can.



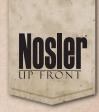
Mental Imagery Rehersal

Whether it's right before I shoot, as I'm walking a stage or the night before, I mentally rehearse exactly what I want to happen. Using a holistic approach to imagery, I involve many senses. These include visual (steel falling), kinesthetic (feeling the trigger), and auditory (the sound of the bullet hitting steel). Through research, I found that mental imagery works best when you imagine yourself performing perfectly, you in turn are creating neural patterns in your brain, just as if you had actually performed the action.



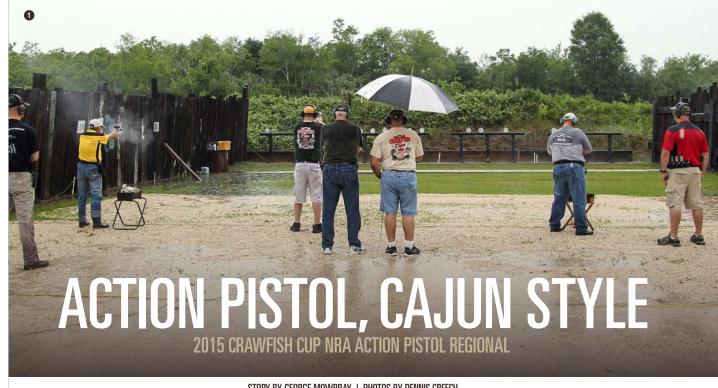
Breathing

Prior to and during shooting I use the combat breathing technique. Through controlled breathing, I get more air into my lungs, which means more oxygen to my body and brain, lowering my heart rate. Combat breathing is from the diaphragm, my stomach expands to make room for the air as I breathe in, and contracts as I breathe out. In for four, hold for four and out for four seconds each.



NOT ALL LOTTERY WINNERS RIDE AROUND IN FANCY CARS.

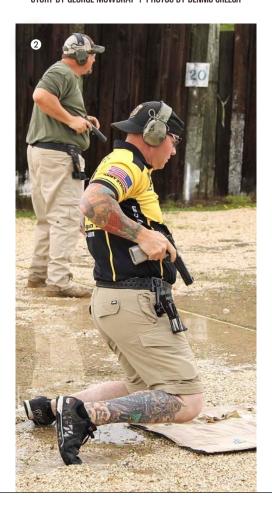




STORY BY GEORGE MOWBRAY | PHOTOS BY DENNIS CREECH

eventy-five competitors from 16 states made their way to Southwest Louisiana for the 2015 Crawfish Cup. This was a major increase from the 51 competitors at the match in 2014. Weather played a big part in this year's match when a huge line of thunderstorms started rolling through the area shortly after firing commenced. When the rain stopped and competition finally resumed, the range was soaked and there was standing water everywhere.

In the Open Division, four shooters were clean going into the final event. James Avenell was one



of the first to shoot the Moving Target Event and dropped four points, losing his lead to finish with a 1916-168X. Steve Weathersby also shot a 476 on the mover which gave him a 1916 as well. Next up was Bruce Piatt, who fired an impressive 480 with 40 X's to set the score to beat. Doug Koenig would need at least 41 X's on the mover to win the match. Unfortunately, Doug could only muster 37 X's. Five-time Bianchi Cup Champion Bruce Piatt, was this year's Crawfish Cup Overall Champion, with a score of 1920-176X. Doug Koenig, won 2nd place by only

three X's. James Avenell finished 3rd with a score of 1916-168X.

In the Metallic Division, it was a close match-up between U.S Border Patrol Agent Robert Vadasz and the AMU's SFC Patrick Franks. After the first two events, Franks led Vadasz by two points, 938-62X to 936-59X, with AMU team member SSG Lawrence Cleveland not far behind with 927-48X. On the Olin (Oli) C. Barjenbruch Falling Plate Event, Franks turned in a stellar perfect score of 480-48X to open up a lead over Vadasz and Cleveland. who both shot 46 plates. After three events, with only the mover remaining, SFC Franks lead with 1418 points to Vadasz's 1396 and Cleveland's 1387. Rob Vadasz made a gallant effort on the mover, shooting a 473-34X, but it was not enough to overcome SFC Frank's 22 point lead. SFC Franks finished the tournament with a 468-26X for an aggregate score of 1886-136X, winning the Metallic Division. Robert Vadasz, of the U.S. Border Patrol was 2nd with an 1869, and AMU shooter SSG Lawrence Cleveland finished 3rd in Metallic with an 1855.

In the Production Division, Jack Ragsdale

- 1 Competitors' experienced torrential rainfall as the match began. When competition finally resumed there was standing water everywhere, making for a very wet 2015 Crawfish Cup.
- 2 AMU team member SFC Patrick Franks won the Metallic Division Championship, with a score of 1886-136X. SFC Franks also won the 2015 Bianchi Cup Metallic Championship in May.
- (3) Seventy-five competitors from 16 states and one country competed in the 2015 Crawfish Cup NRA Action Pistol Regional, held near Lake Charles, Louisiana.





(4) Match Director George Mowbray (I.) shares a handshake with 2015 Crawfish Cup Overall Champion Bruce Piatt (r.). Bruce won with a score of 1920-176X.

and the AMU's SFC Adam Sokolowski posted the top score in the Practical Event of 465-23X. Next up was the Barricade Event, where Sokolowski took the lead for good with a 467-28X. SFC Adam Sokolowski won the Production Division with a score of 1869-119X. Bruce Grav was 2nd with an 1829, followed by Jack Ragsdale with an 1811.

Vera Koo won the High Woman and High Senior Awards. High **Grand Senior honors** went to 80-vear-old Louis Tomme. Tre Dixon won the High Junior Award, and Robert Vadasz won the Law Enforcement Award.

This year's Crawfish Cup was well supported by Briley Custom, Graf & Sons, Midsouth Shooters Supply, Sierra Bullets, and **Zero Ammunition among** others donating \$11,000 in merchandise for the prize table. Approximately \$2,800 was also distributed as prize money.

Next year's Crawfish Cup Regional Chamionship will be a two-day match in April. Come have some fun prior to your preparations for the 2016 NRA & Midway USA Bianchi Cup with crawfish and some Cajun hospitality. Contact George Mowbray at george@swlarifleandpistol.club for details.



Author Frances Strodtman-Royer believes if more women step up to coach and run youth programs, the U.S. will have a solid foundation that will help build the pipeline of future Olympians.

he 41st World Championships saw more women competing in the shotgun events than ever before. Due to this, the officials decided to host a women's team event. In the trap event the ladies of the U.S. won the first women's team race in trap staged at a World Championship. However, it was still considered unofficial. The ladies did not receive medals, and were given specially engraved pewter pitchers at the awards ceremony instead.

In 1975, ladies were segregated from the men in the squadding. Throughout the 20 years I competed some were shot segregated, and in other the women were squadded with the junior men. In 1982, discussion about whether women were strong enough to shoot 200 targets during a match ensued. Yet, after

much deliberation, it was decided that women could shoot the 200 targets, but the match had to be completed in two days. Conversely, the men had three days to shoot their 200 targets, and of course women were segregated in squadding and shot different settings than the men.

In 1978 at the World Championships in Seoul, Korea, Susan Nattrass scored 195x200 over the same settings as the men, making her the Women's World Champion in trap with a world record. Her score tied with the bronze medal winning score of the men, and some advocated for a shoot-off to determine the overall bronze medal winner.

In 1985 the concept of shooting 20-gauge for women was introduced. This concept did not receive much support from the U.S. shooting fraternity. In 1986 Double Trap was introduced to the international shotgun world. International shooting sport officials conceived the event to give new opportunities for participation in the Olympics. Through 1992, the Olympic shotgun events were open events, where men and women competed together.

In 1992 a young Chinese woman, Zhang Shan, won the Olympic gold in Skeet over all the men. This sent a shock wave throughout the shooting world. After this unprecedented event and the continuous efforts of Canadian Susan Nattrass to



The author (r.) competed for the United States from 1974 through 1995 in International Trap, and in 1993 Double Trap. She is an advocate for more women coaches in competitive shooting.

promote shotgun events for women at the Olympics, it finally gained momentum. So the International Shooting Sports Federation (ISSF) decided to allow women to compete in the event of Double Trap in the Olympics. From 1996-2004 women shot Double Trap as their Olympic event.

Over the past 40 years U.S. women shotgun athletes have won three World Championships in Trap (1983-C. Tomsovic; 1995-F. Strodtman; 1999-C. Gentry); three World Championships in Skeet (1985-T. Bankey-Carlisle; 2010-K. Rhode; 2014-B. Drozd); and one World Championship in Double Trap (1993-F. Strodtman).

U.S. Skeet women have won six individual silver medals and two individual bronze medals. The Women's Skeet Team medals include four gold, ten silver, and two bronze medals. From 1989-2003, the U.S. Women's Double Trap Team won two gold, three sliver, and two bronze. In Double Trap, two individual silver medals and three individual bronze medals were won from 1989-2003. In Olympic shooting Kim Rhode has won five Olympic medals, the most successful Olympic competitor over five Olympiads.

Women shotgun athletes have overcome significant challenges to compete at the Olympic level and have contributed to the U.S. team medal count. Women in coaching face similar challenges, aspiring to help our young women athletes achieve their Olympic dreams. If more women step up to coach, and run youth programs—that will help build the pipeline of future Olympians.

Author Frances Strodtman-Royer competed in shotgun for the United States. She won the World Championship in Double Trap in 1993, setting a world record. In 1995 she won the World Championship in International Trap, setting another world record. Along with her two golds, Frances also won two individual bronze medals in Trap.



10 Guns That Shaped America

Firearms have been a part of this nation since, well, long before it was a nation. The right to them was endowed by the Creator; they secured our Freedom as Americans, they helped expand the Nation, and then became the basis of the manufacturing ascendency of the United States for more than a century. Listed here are guns emblematic of a changing nation, guns that represent America's place in the world, but guns without people are mere objects. To tell the story of Americans and their guns, I have paired them with men who used them to string together a 10 point narrative of how these guns changed America—and the world. Read more here ...

Roosevelt's Saber

BY NRA STAFF

Commissioned by Theodore Roosevelt. this saber was carried by Col. Roosevelt of the 1st. U.S. Volunteer



Cavalry, the "Rough Riders," when he went to Cuba during the Spanish American War. How do we know? Roosevelt actually wrote about tripping over it. Oh, and it has his name on it, too. Watch the video here ...

Winchester Model Of 1895 .405 Win.

Patented in November 1895 by John M. Browning, the Model of 1895 Winchester was the first lever-action rifle with a box magazine. Until that time, most leveractions had tubular magazines in which the nose of one bullet rested against the base of the cartridge in front of it. With the development of smokeless ammunition came radical changes in cartridge design and performance. High-power, smaller-caliber spitzer or pointed bullets became practical and highly sought after by sportsmen everywhere. In response, Browning designed a leveraction with a box magazine that stacked the ammunition to eliminate the danger of accidental discharge. The resulting 1895 lever-action has been a favorite of sportsmen ever since.

Read more here ...



JIM SHOCKEY
Professional Hunter, Guide, and TV Host



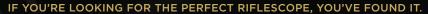
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The Leupold* VX*-6 features 6:1 zoom, Index Matched lenses, and the ruggedness that has made Leupold famous. If legendary hunter Jim Shockey can count on it for hunts all around the world, you know it's truly made for any situation. With a VX-6 on your rifle, you're ready for anything.



LEUPOLD



A Look Back at the 1886 Winchester

The last quarter of the 19th century was a flurry of activity and innovation. With America leading the way, the industrial revolution was coming into its own as the leader in improving peoples' lives, not only in terms of product development but financially as well. Real innovation was occurring at a rate previously unseen. In the firearms' industry, improvements were not simply a change in finish or barrel length; wholesale changes in basic designs were considered the norm of the day. Such was the case of what became known as the Model 1886 Winchester.

Read more here ...

The Remington Nylon 66

In the early 1950s, Remington Arms Co. did not have a midpriced .22-cal. semi-automatic rifle. Management knew that there were three high-cost components of any sporting armthe barrel, receiver and stock. Engineers analyzed each to see if any significant cost savings could be obtained. They soon concluded that barrels did not offer much opportunity for savings, so they focused on the receivers and stocks. Remington asked the chemical engineers at DuPont to come up with a plastic that could replace both the wooden stock and the receiver.

Read more here ...



FN: The First 125 Years

It all started with an order for 150,000 rifles. By European standards, Belgium is a fairly new country. Ruled at times by the Romans, the French (Bourbons and Bonaparte), the Holy Roman Emperor and eventually the Dutch, Belgium separated from the Netherlands in 1830, and King Leopold I was installed in 1831. While the



nation of Belgium might be a relatively young, gunmaking around what is now Liège in the Meuse River Valley has been ongoing there about as long as guns have been made in Europe, with the earliest reference dating to 1346. Before that it was swords, pikes and other useful items made of iron or steel. And it turned into one of the great gunmaking regions in the world. When Confederate agents set out to buy arms in 1861, they went to Liège first. Read more here ...

To some, sunglasses are a fashion accessory...

But When Driving, These Sunglasses May Save Your Life!

Drivers' Alert: Driving can expose you to more dangerous glare than any sunny day at the beach can... do you know how to protect yourself?

The sun rises and sets at peak travel periods, during the early morning and afternoon rush hours and many drivers find themselves temporarily blinded while driving directly into the glare of the sun. Deadly accidents are regularly caused by such blinding glare with danger arising from reflected light off another vehicle, the pavement, or even from waxed and oily windshields that can make matters worse. Early morning dew can exacerbate this situation. Yet, motorists struggle on despite being blinded by the sun's glare that can cause countless accidents every year.

Not all sunglasses are created equal.

Protecting your eyes is serious business. With all the fancy fashion frames out there it can be easy to overlook what really matters-the lenses. So we did our research and looked to the very best in optic innovation and technology.

Sometimes it does take a rocket scientist. A NASA rocket scientist.

Some ordinary sunglasses can obscure your vision by exposing your eyes to harmful UV rays, blue light, and reflective glare. They can also darken useful vision-enhancing light. But now, independent research conducted by scientists from NASA's Jet Propulsion Laboratory has brought forth ground-breaking technology to help protect



Slip on a pair of Eagle Eyes® and everything instantly appears more vivid and sharp. You'll immediately notice that your eyes are more comfortable and relaxed and you'll feel no need to squint. The scientifically designed sunglasses are not just fashion accessories—they are necessary to protect your eyes from those harmful rays produced by the sun during peak driving times.

human eyesight from the harmful effects of solar radiation light. This superior lens technology was first discovered when NASA scientists looked to nature for a means to superior eye protection specifically, by studying the eyes of eagles, known for their extreme visual acuity. This discovery resulted in what is now known as Eagle Eyes®.

The Only Sunglass Technology Certified by the Space Foundation for UV and Blue-Light Eye Protection.

Eagle Eyes® features the most advanced eve protection technology ever created. The TriLenium® Lens Technology offers triple-filter polarization to block 99.9% UVA

and UVB-plus the added benefit of blue-light eye protection. Eagle Eyes® is the only optic technology that has earned official recognition from the Space Certifica-

tion Program for this remarkable technology. Now, that's proven science-based protection.

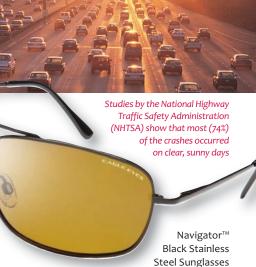
The finest optics: And buy one, get one FREE!

Eagle Eyes® has the highest customer satisfaction of any item in our 20 year history. We are so excited for you to try the Eagle Eyes® breakthrough technology that we will give you a second pair of Eagle Eyes® Navigator™ Sunglasses FREE—a \$99 value!

That's two pairs to protect your eyes with the best technology available for less than the price of one pair of traditional sunglasses. You get a pair of Navigators with stainless steel black frames and the other with stainless steel gold, plus two microfiber drawstring cleaning pouches are included. Keep one pair in your pocket and one in your car at all times.

Your satisfaction is 100% guaranteed.

If you are not astounded with the Eagle Eyes® technology, enjoying clearer, sharper and more glare-free vision, simply return one pair within 60 days for a full refund of the purchase price. The other pair is yours to keep. No one else has such confidence in their optic technology.



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† Special price only for customers using the offer code versus the price on Stauer.com without your offer code.

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To be listed, NRA must sanction matches by the 15th of the month, two months prior to the month of the magazine issue. If you are interested in entering a tournament, contact the individual listed. For any cancellations or changes to this listing, please contact Shelly Kramer, NRA Competitive Shooting by phone (703) 267-1459; or by email at mkramer@nrahg.org.



2015 NATIONAL RIFLE & PISTOL CHAMPIONSHIPS

CAMP PERRY. OHIO JULY 7-AUGUST 14, 2015

July 29-August 2 NRA High Power Rifle Long-Range Championship

August 3-7 NRA Fullbore Championship

August 7-14 World Target Rifle Palma Championship

Online Registration for the National Championships is available at: https://competitions.nra.org/campperrysignup. Information about the 2015 World Target Rifle Palma Championship is available on the website.

2015 NRA NATIONAL SILHOUETTE CHAMPIONSHIPS & BLACK POWDER TARGET RIFLE CHAMPIONSHIP

August 2-4 Smallbore Rifle Ridgway, Pennsylvania August 6-8 **High Power Rifle** Ridgway, Pennsylvania September 21-26 Black Powder Target Rifle Raton, New Mexico

For information please write: NRA Silhouette Department, 11250 Waples Mill Road, Fairfax, VA 22030, call (703) 267-1474 or email silhouette@nrahq.org.

2015 NRA NATIONAL F-CLASS CHAMPIONSHIPS

October 23-27 Mid-Range Championship Phoenix, Arizona October 27-31 Long-Range Championship Phoenix, Arizona

For entry and the Championship Program please go to this link: http://competitions.nra.org/documents/pdf/compete/Programs/ 2015-F-Class-Nationals.pdf.

2015 NRA WORLD SHOOTING CHAMPIONSHIP

PRESENTED BY MAGPUL **GLENGARY, WEST VIRGINIA SEPTEMBER 24-26, 2015**

Registration is open for the 2015 NRA World Shooting Championship, presented by Magpul. Sign up to compete at www.peacemakernational.com/WSC. All firearms and ammunition for competitors will be provided.

DOWNLOAD THE ENTIRE COMING EVENTS LIST



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Membership Account

NRA Headquarters	(703) 267-1000
Internet Address	www.nra.org
Member Service	(800) 672-3888
NRAstore.com	(888) 607-6007

Information

(877) 672-2000

MEMBER PROGRAMS

(800) 654-2200
(800) 225-7094
(877) 672-3006
(888) 436-3700
(888) 331-6767
(866) NRA-VISA
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NRA Endorsed Moving Program

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INSTITUTE FOR LEGISLATIVE ACTION Grassroots/

Legislative Hotline

(800) 392-8683

Office of Advancement/ Gift planning	(877) NRA-GIVE
The NRA Foundation	(800) 423-6894
NRA Instructor/ Coach Firearm Training	(703) 267-1500
Eddie Eagle Gunsafe Program	(800) 231-0752
Refuse To Be A Victim	(800) 861-1166
Recreational Programs	(703) 267-1511
NRA Affiliated Clubs	(800) NRA-CLUB
Range Services	(877) 672-7264
Competitive Shooting	(877) 672-6282
Law Enforcement	(703) 267-1640
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Haul<u>¶Master</u>

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LOT 69780

41005 shown

TRAILER JACK

1000 LB. CAPACITY

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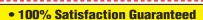
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