



GUNSMITHING CLUB OF AMERICA



GUNTECH

ISSUE 185 • SEPTEMBER • 2021

DVD & MAGAZINE

**DISASSEMBLY &
REASSEMBLY COURSE**

TIKKA T3 RIFLE

**RECLAIMING A U.S.
MODEL OF 1917 RIFLE
FROM THE WOODS**

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CALICO M100S CARBINE

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powered by



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Champion EasyHit Shotgun Sight



My Favorite Gun:
John Bush's Madsen Machine Gun



Flashback: Pro Shooter Matt Burkett interviews the founder of Wilson Combat, Bill Wilson



Tips from the Workbench:
Birchwood Casey's Aluminum Black Metal Finish Touch-Up



Tool of the Month:
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NEWS FROM THE EXECUTIVE DIRECTOR

By Pam Simpson, GCA Executive Director



We are adding to our team here at GCA and our newest member is Jeff Quick who will be working directly with members to ensure you have a great experience. Jeff is our new Student Member Relations Coordinator for GCA and AGI and will be your direct contact if you want to talk about your gunsmithing journey and how to get the most from our content and services. He is also going to be looking for a few of you to help us as we develop new benefits and content. I've asked Jeff to introduce himself so you can get to know him better. Here's Jeff . . .



Greetings Members! I was taught gun safety by my Dad, a Police officer, and one of my earliest memories was at a chalkboard coloring at the Eugene Oregon Police department shooting range. My Dad was a member of the departments shooting team and I have many memories at the range.

I was told not to ever touch his Colt Python duty weapon. Apparently, I did not listen. So, the next time I went to work with Dad I was introduced to what a .357 really felt like to shoot . . . at 4 years old. I gained a healthy respect of firearms with that lesson and a passion for the shooting sports.

I inherited a Savage 99 from my grandfather and I have a centerfire rifle I used as a teen to this day. I discovered the joy of tinkering with guns after I bought my first bolt action, a Savage Model 110. It was in terrible shape but that's what I could afford being a newlywed and just having my first child. I took it completely apart, cleaned it, replaced a few parts, and refinished the stock three times. I learned quickly there is an art to working with wood stocks. I sure wish AGI was around then.

I didn't start serious hunting until my early 20s. That satisfied or perhaps enhanced my passion for firearms. I continued to

buy old beat up rifles at estate sales and pawn shops. I was determined to find guns I could put some elbow grease into and turn into a good solid reliable shooter.

Of course, that led me into reloading as the choice of factory ammunition was limited at the time. I had my wife convinced it was much cheaper to reload than to buy a box of Remington core lock .300-win mag. At the time it was around \$12 a box.

I took a small break during the next 10 years as my children started into sports and other extracurricular activities that included everything the outdoors had to offer. My wife of 30 years must have hidden athletic ability because two of my daughters played collegiate soccer and my son wrestled for the University of Great Falls.

During this period, I had a bit more free time on my hands and I discovered 3-gun competition. I moved more into pistols and shotguns and was the guy who went to the friendly local event with a Benelli Black Eagle in camo, Beretta PT92, and Colt AR with an A2 sight. I did change the shotgun, but stayed with the PT92 and AR. It was a local group and we had a lot of fun.

I was a manufacturer representative in the building material industry for many years. I transferred from Portland, Oregon to Idaho in 2001 and was responsible for ID, WY, MT, OR and NV. If you haven't spent time out here, I had a lot of drive time, and it wasn't uncommon for me to explore different areas during my trips.

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By Robert Dunn

CLENZOIL

There are a lot of good gun oils and cleaning products (CLPs if you will) out on the market and I have had the chance to use many different ones over the years. When needing to be field expedient, I have used transmission fluid and motor oil for cleaning and lubricating my firearms. Given the choice of which CLP I use on a daily basis, I have been using the same three products for a very long time. None of those three products had been challenged for their thrones in well over a decade until Clenzoil entered my workshop. The following is my story about being introduced to my new favorite gun care product, Clenzoil.

One evening I was following up on some posts made on the GCA website in regard to what our favorite gun cleaning products were. Fellow gunsmith and GCA Member Gus Morales sent me a message asking if I wanted to try a bottle of Clenzoil, as it was one of his favorite gun oils. Always eager to try new products, I sent Gus my address and in a couple of days a bottle of Clenzoil Field & Range showed up in my mailbox - thanks Gus! The timing couldn't have been any better as I was test firing several guns and cleaning them up to be placed on auction and it was time for me to clean all of my carry guns too.

The first thing I did when I sat down to work on the guns after test firing was to take the seal off of the bottle of Clenzoil and see what it smelled like. I was pleasantly and even nostalgically surprised at the scent of the Clenzoil. To me, it smells like pine pitch or the old school turpentine my Dad used to buy that smelled of pine as well. Not only do I not mind the smell, but I actually like the smell of Clenzoil.

Before using the product on the pile of guns before me on the bench, I decided to read the label and it states: *CLENZOIL Field and Range is a high quality one-step cleaner, lubricant and rust preventative for Lock, Stock and Barrel.* As I continued to read the label, I learned Clenzoil is recommended for use on



leather, wood, and it will not harm polymer or glass impregnated nylon parts. There is a caution about using the product on painted surfaces, but that does not mean finishes like Cerakote, DuraCoat, and ceramic finishes like the ones Brownells sells. I take this caution to mean beware of altering cheap rattle can finishes . . . no worries!

Many of the firearms I was working on that evening were spotted with surface rust. Using the Clenzoil with a piece of super fine grade steel wool (0000) made short work of any rusty blemishes on the guns, which upped their value by another 25%. This is a good return for the minimal effort applied (elbow grease) thanks to Clenzoil.

I then dug right into running Clenzoil saturated patches through the barrel with a cleaning rod. In most cases I ran just a few patches through the bore until the patch was clean. I then tested the cleanliness of the bore by running another couple of patches through the barrel with my other top two CLPs. The results indicated the other products could not muster up more grime to embarrass my new contender!

I moved on to conditioning a couple of moldy slings into supple leather cradles for some lucky foreign made rifles. Clenzoil was aching to become my top

choice for restoring old guns into safe shooting firearms.

During the time I was writing this article, I had also begun to refurbish a unique hunting rifle once owned by Master Gunsmith Bob Dunlap, a collectable extremely low serial numbered Dickson/Howa Golden Bear hunting rifle.

Unfortunately, the rifle suffered a lot of damage due to moisture and extreme long term storage. This rifle could not be disassembled because the rust and water damage had fused the gun itself to the stock. To top it off, the rifle had been epoxy bedded and the parts were fit to be tight! Having been tasked with selling the rifle for the family, I decided the firearm needed a lot of cosmetic alterations before it could go up for auction.

I had been using Clenzoil for all of my firearms maintenance for about two weeks and when this rifle would not let me separate its metal from the wood, without hesitation, I reached for the Clenzoil and saturated all of the rusty areas and perimeters around the firearm with Clenzoil Field & Range.

After conjuring up a bite to eat, I went back to the gun and with a few taps on the barrel with a rubber mallet and a final rap of the barrel on the carpeted bench, the barreled action sailed out of the stock and solidly met my hand. I continued to use Clenzoil and 0000 grit steel wool to easily get all of the surface rust off of the gun metal.

Some areas of the various gun parts demanded the use of a diamond file and then graduating grits of

finer and finer wet/dry sandpaper to take the pits out of the aged steel. I used Clenzoil to wet the sandpaper during this process. After accomplishing some stock work, I touched the gun up with cold blue and gave the rifle a complete clean and oil with Clenzoil. After the rifle received two new sling swivels, I used Clenzoil yet again to recondition the leather sling which was in need of care.

Truth be told, I wanted Clenzoil to prevail as my favorite CLP, which it did with flying colors, as Ballistol is a German product that still makes me cough and look for dead critters in my shop upon return in the early morning. Clenzoil is proudly "Made in the USA," smells wonderful, and the company has been Veteran owned since its inception in 1948. Let me take a moment to tell you about the rich heritage that Clenzoil possesses . . .

The founder of the company and inventor/chemist who came up with the recipe for Clenzoil was a World War II Veteran by the name of Ellis Christian Lenz. Take notice of how his last name Lenz perfectly fits into the self-descriptive product name of Clenzoil. Some things are just meant to be! Ellis Lenz achieved the rank of Captain during his service in WWII. It was during the war Captain Lenz realized his fellow soldiers could benefit from a better all in one solvent to clean, lubricate, and protect against the rust which hindered the ability of their weapons to function correctly. Once state side in 1945, Ellis studied to become a doctor and he put this knowledge to use in developing the recipe for Clenzoil. Dr. Lenz shared his invention with our great nation in 1948!



Clenzoil played a big part in refurbishing this Dickson/Howa Golden Bear rifle.

Behind the scenes, Clenzoil has contributed to our military's logistic support by supplying their products to the troops to make sure they are confident and combat effective with their firearms and weapons. The same holds true for the company's support for Law Enforcement agencies and their armorers. Clenzoil has donated many products to Law Enforcement to uphold the good fight.

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RECLAIMING A U.S. MODEL OF 1917 RIFLE FROM THE WOODS

By Robert Dunn; Charter GCA SilverPLUS Member, AGI Video Producer, and Certified Gunsmith

I had used masking tape to build small walls to contain the epoxy right where I wanted it to stay so it would dry exactly where I needed it. As I placed tiny spoonfuls of dyed epoxy into the space I needed to fill under the bolt lock, the void was almost filled to the bolt lock. No sooner had I given myself a big mental pat on the back to congratulate myself on a job well done, when suddenly, in cartoon fashion, a tiny burp of air arose from the epoxy and the entire filled portion drained down into the depths between the receiver and stock. Like slow flowing lava, the epoxy started flowing into the right side of the stock.

For the next three hours, past midnight at this point, I held the stock every which way but loose to make the epoxy flow to the least offensive areas of the underbelly of the receiver. Amazingly, once the epoxy dried, I only ended up having to chisel out a small portion of the rock hard epoxy above where the trigger drops down into position. The rest of epoxy miraculously, and quite nicely, bedded the receiver to the stock.

I then plugged up the hole that caused all the fuss with clay and successfully filled the rest of the voids in the stock, including around the trigger guard and the large area just behind the receiver. I must say the color matching was a win and it looks better than I thought it would. This repair will also prevent future cracking of the stock caused from the recoil of firing the rifle.

In addition to filling the cracks and areas of missing wood, I also filled and masked the old sling swivel holes. I wanted fresh meat for the new rear sling swivel and the original front swivel was placed way too close to the end of the front of the gun stock. The front swivel is generally placed three inches rearward from the front of the stock, which gives it more stability (wood to screw into) and it looks correct as well. The old sling swivels were so badly rusted away I purchased Super brand new Uncle Mike's Quick Detachable Super Swivels.

When the final coats of the Tru Oil had dried and cured, I drilled the holes for the swivels. A piece of masking tape over the areas drilled prevented the

wood from splintering around the mouth of the hole. After scraping a bit of hand soap on the swivel nut's threads, I effortlessly screwed them into the stock. Now the rifle is capable of using a sling/carry strap and a Harris bipod.

My attention now turned to cleaning up the barrel, receiver, and all of the miscellaneous parts so they could be blued. I attacked the rust and pits with 200 grit sandpaper, as I do not currently have a wire wheel or other power tools to aid in the job. Once I got all of the rust off, I used a file to eliminate almost all of the pits from the outside of the barrel. I then used finer and finer grades of sandpaper and then steel wool to refine and polish all the metal surfaces.

During the year or so the rifle sat around waiting for me to begin its repairs, I was introduced to a few products by a company called Blue Wonder by fellow GCA member and AGI trained gunsmith David Bremmer (007). Blue Wonder makes bluing and blackening kits for firearms and I decided to try their products on this rifle project.

When it was all said and done, I must say I really like the results I attained with their Gun Black Kit. The application process is different from any cold bluing or rust bluing techniques. Very briefly, you apply their gun cleaner, which will clean up everything

from rust and old bluing to all of the gun oil and other particles and contaminants that would prevent a good bluing job.

After letting the cleaner do its work, you simply rub it off with a paper towel and reapply a liberal amount of the gun cleaner back onto the metal surfaces you want to blue. Next, you use a propane torch or heat gun/blow dryer to heat the metal surfaces to about 125 degrees, which is just hot enough that it won't burn you.

The next step is to saturate a paper towel in the Gun Black (or Blue) solution and apply the solution to the metal surfaces in layers. Almost in a magical fashion, you can build up a progressively darker finish each time you wipe on a layer of Gun Black.

Here is the key to success when applying the Gun Black solution . . . you must shake the bottle and solution up vigorously before each application because there is actually sterling silver and gold in the mixture. The silver and gold is what chemically reacts with the next step of the process, which is applying the developer solution to all of the surface areas.

Right before your eyes the gun gets an even blacker finish as the chemicals react with the precious metals. Now all you have to do is set the gun aside



to cure for a few hours and then apply their KFR Premium lubricant to all surface areas as a last step.

That is as far as the instructions go, but I would like to add that with so many different alloys of gun steel being used by the various manufacturers, many of these will tend to absorb a few applications of lubricant. If you don't keep the metal wet with lubricant, some surface rust might develop, so keep an eye on your work for about a week until it stabilizes.

Blue Wonder states you should use their lubricant only for the curing process or terrible streaking may occur. I was forced into using Break Free CLP after the initial application of lubricant because I ran out of the other. My results did not produce any streaking of the finish, but I would use their lubricant as suggested for the best results.

Overall, I am very satisfied with the Blue Wonder product and will definitely use it again. The end results were a very dark grey, rather than a deep black, which was my preference for the overall look of this restoration.

Long ago, I knew I was going to commit to a large investment of time into this rifle project, so I purchased a high quality scope that would allow me to hunt earlier in the morning and later into the day.

I chose a Leupold VX-Freedom 3-9x40 CDS scope with a Duplex reticle. Having already restored a couple of other sporterized 1917 Enfield rifles, I knew I needed two Weaver #11 scope bases, which fit the 1917 Enfield and Remington Model 30 rifles. I have also mounted quite a few Leupold scopes and I chose Leupold's 1" Rifleman detachable rings for mounting the scope.

The rifle was already drilled and tapped for the Weaver bases, which was a real time saver on this project. With a drop of blue Loctite on each screw used for mounting the bases and rings, I got the scope mounted with no problems and took the rifle outside for a quick laser bore sighting. Over the next few months I will see what brands of ammo this rifle likes to digest and possibly work up a custom load for its .30-06 Springfield cartridges.

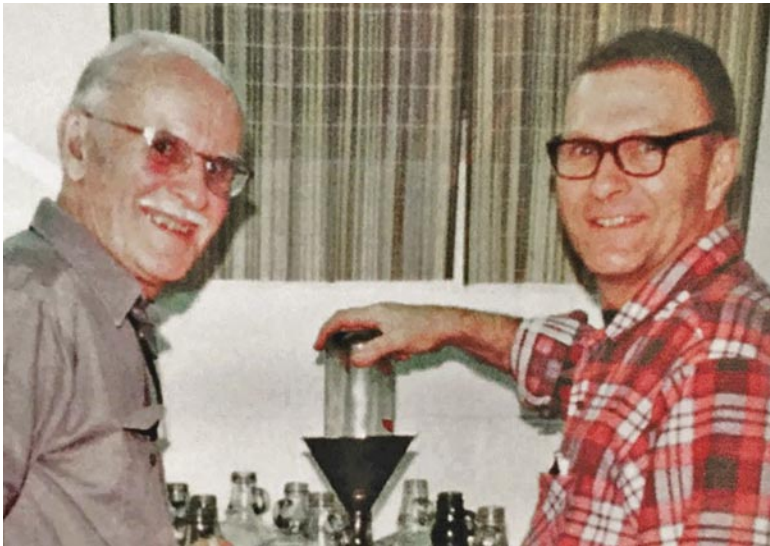
Once again, I learned a lot about how I can improve the quality of work I do, but all in all I am really pleased with the outcome of the rifle. I think that Bob would approve of the job I did as well. It is the closest I've come to duplicating the elusive finish and I think the stock wears the finish nicely.

I will have to take the Model 1917 deer hunting with me for its final test. I will make sure I don't leave it in the woods for some other gunsmith to find and toil over.

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Clenzoil continued . . .



l-r: Clenzoil's founder Ellis Christian Lenz and son

When you take a look at the company's track record, they have donated to causes that help to fortify our nation and support the endeavors of their employees. For instance, Clenzoil bought their employee a brand new Ford SUV when he signed up for an Option 40 Contract for the Ranger Assessment and Selection Program to make sure his family had a reliable vehicle while he was deployed.

The company continually offers discounts for Veterans, donates funds to Mission 22 to help prevent Veteran suicides via their Vintage Bottle Campaign, and gives back to the firearms industry with many generous programs and donations.

Clenzoil expanded operations in 2006 when they moved from their long time home of Canton, Ohio to a larger facility in Tampa, Florida. This move enabled the company to better service their clients both domestically and internationally. With opportunities increasing, the company expanded again and moved to a new improved facility in Dade City, Florida, where both corporate and manufacturing could be under the same roof.

After doing a little scratching around I found out Clenzoil also offers a wonderful line of products for household use and the Marine and Tackle crowd. I'm thoroughly impressed with Clenzoil's Field and Range CLP product and look forward to trying and reviewing the other innovative products from Clenzoil. Being a lover of the double barrel shotgun, the Clenzoil Hinge Pin Jelly sounds like another winner! To find out even more about Clenzoil products, visit their website at www.clenzoil.com

From the Executive Director continued . . .

If I happened to see a coyote or a prairie dog in the evenings, I'd do some varmint control. Most of my peers would go to a nice dinner and enjoy some adult beverages in evening. I was checking out the local gun stores and going shooting with my clients. I also decided I could expand my hunting experiences and got heavily into upland birds and waterfowl.

Grandkids were coming and I was burnt out on traveling. I was able to convince Gene Kelly to hire me as a Student Advisor for the American Gunsmithing Institute. AGI is a dream job that allows me to talk about guns and provide and gain the knowledge so many of us want. I'm very excited with this new role working with the GCA staff and especially the members.

You will be hearing more from me as I work to make this unique group the best it can be. Membership feedback is always welcome and I look forward to working for you and providing the best experience possible. The addition of Pam Simpson and being able to work with all the great instructors and support staff is a blessing.

I'm currently working on finishing Level One of the AGI Professional Gunsmithing Course. Who knows, I might become just like you and so many of the great students I have worked with at AGI and take my own advice down the road.

Great things are coming to GCA, so hold on, and God Bless the USA!

*Regards,
Jeff Quick, Student Advisor*





CALICO M100S CARBINE

I am a big fan of American firearms manufacturer Calico Light Weapons Systems and their high capacity spiral fed helical magazines. I have been fortunate enough to have fired some of the company's firearms over the years and I even wrote an article about their M-950 pistol, which is a delayed roller-locked pistol chambered in 9mm Parabellum.

The Calico carbine I spent the most wonderful weekend with is chambered in .22 Long Rifle. The Model M100S (the S stands for Sporter) is quite similar to other Calico carbine variations. The distinguishing feature that differs the M100S from other Calico models is the gun wears a thumbhole Walnut stock and utilizes an ambidextrous safety, which I appreciate as an ambidextrous left eye dominant shooter. The Model M100S was briefly manufactured between the years of 1985 and 86. This was back when Calico was located in Bakersfield, California. The company was sold twice before moving operations to Sparks, Nevada in 1998 because California was a political nightmare. In 2006, the company was sold again and they moved to Hillsboro, Oregon.

Calico began their quest to bring their helical fed high capacity magazines and firearms to the public in 1982. Some creative management was needed to keep the company afloat in 1994 when the Assault Weapons Ban occurred in the United States and magazines with the capacity of over 10 rounds were banned as well. This is not good for a company whose advertising slogan was "A Revolution in Firepower" and their marketing strategy was based on selling high capacity magazines and maniacal looking futuristic weapons. Reprieve came to us all in 2004, when the 10-year sunset provision was enacted.

The M100S reminds me of a futuristic firearm that retains a combination of the spirit of the old west and the retro 1950s space genre. As a matter of fact, it seems like quite a few Hollywood producers and directors feel the same way I do about Calico firearms. Calico firearms have been featured in such movies as Spaceballs, Total Recall, RoboCop 2, RoboCop 3, The Running Man, The Crow, Bad Boys, Resident Evil Code, Veronica, and others.



The takedown system for the barrel is simple and tightly secured with the forend wood in place.



Field stripping the Calico M100S is quick and easy.

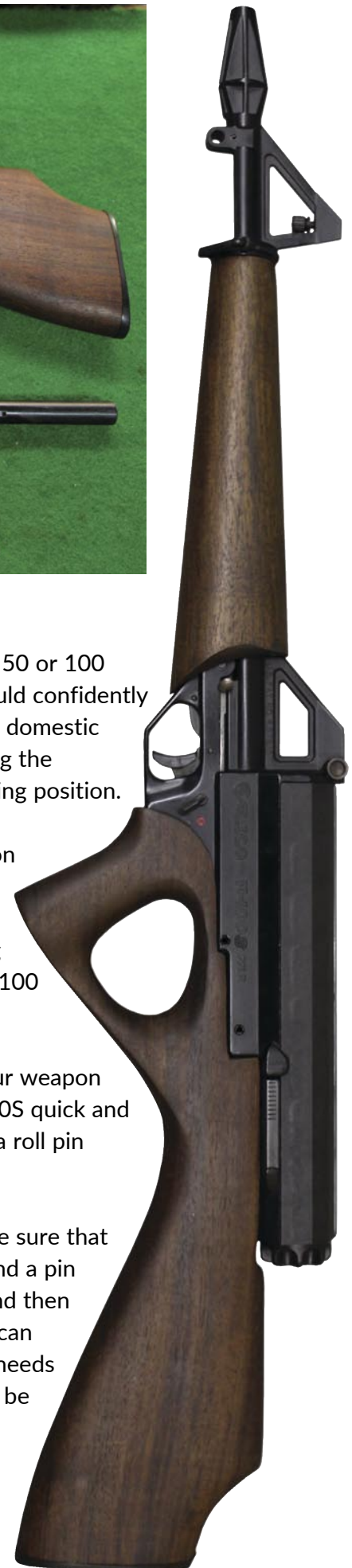
The M100S is a blowback operated semi-automatic firearm capable of firing 50 or 100 rounds of .22 LR reliably and accurately through each helical magazine. I would confidently grab this weapon to defend myself if I were to be invaded by space aliens or domestic terrorists. The length of pull takes a moment to get used to when shouldering the weapon, but I adjusted my posture fairly quickly to find a comfortable shooting position.

When firing from the hip, like when you're utilizing a BAR rifle or a Thompson submachine gun, the M100S had a natural feel. It was easy to walk rounds into a selected long distance target during a forward approach. I was ready for invading giant ants to creep over the mountainside when I was test firing but I just scared the cats into the dark recesses of the tin shed with my two 100 round magazines of fun!

When putting that many .22 rounds downrange, it's a good idea to clean your weapon at the end of the day. Calico's intuitive design makes field stripping the M100S quick and easy. You will need a few basic tools to disassemble the firearm; a hammer, a roll pin punch, a drive/push pin punch, and a Phillips head screwdriver.

After releasing the magazine from the gun and setting it aside, check to make sure that the weapon is cleared (no rounds in the chamber). Starting with a hammer and a pin punch, drive out the pin that holds the A1 type front sight onto the barrel and then pull the front sight compensator straight off of the barrel. The forend wood can now be slid forward and off of the barrel. This reveals the barrel nut, which needs to be unscrewed from the receiver. Once the barrel nut is off, the barrel can be pulled straight out from the receiver.

Next, use your Phillips head to take out the grip/stock screw and the screw that holds the receiver to the top of the buttstock. The stock can now be taken off of the gun and set aside. Use your roll pin punch to drive out the



A good look inside of the fire control system. The sear system is similar to other popular firearms like the Auto 5 shotgun and the M1 Garand and AR-15 rifles.



two roll pins that hold the upper and the lower receivers together. Now the upper can be carefully tilted upward from the rear to separate it from the lower. Use caution, as the bolt assembly can pop out and take a tumble.

While holding the upper open, pull the bolt handle back slightly rearward and upward to take the bolt assembly out of the receiver. When taking the bolt assembly out, it is common for the bolt return spring assembly, the buffer and the ejector to fall out of the bolt assembly. This completes tearing the weapon down so it can be cleaned and lubricated.

While the action is open, you can get a good look at the fire control system. Like many other long guns, the fire control system consists of a

primary and secondary sear system and a disconnecter, not unlike an AR-15. Reverse all of the takedown procedures to reassembly the weapon.

All in all, the Calico M100S is a well-designed firearm, a heck of a lot of fun to shoot, and the .22 LR ammo is still reasonably affordable. Though this futuristic looking gun would not be my first choice to grab out of the safe when going hunting for small game, it would more than certainly do the job. In a home defense scenario, the M100S would be a wicked choice indeed. The Calico would provide good cheap cover fire to pin down any retched space invaders trying to harvest you and your loved ones! To decide which Calico weapons you need to help save planet Earth, visit their website at

www.calicofirearms.com

To the right you can see where the magazine latches to the two spring loaded magazine catches on the receiver.



Some interesting patent drawings from the 1980s.

U.S. Patent

Jun. 30, 1987

4,676,137

U.S. Patent

Dec. 26, 1989

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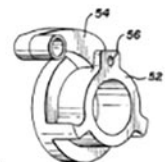
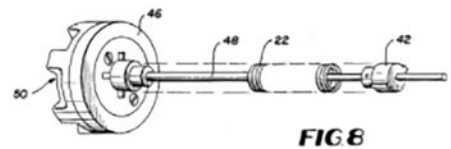
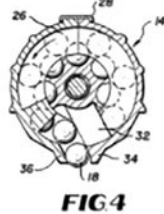
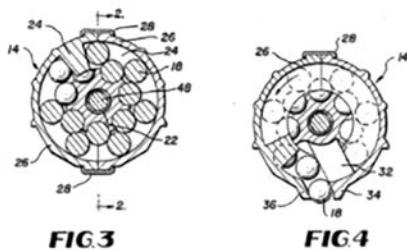
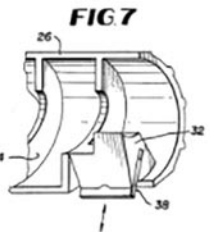
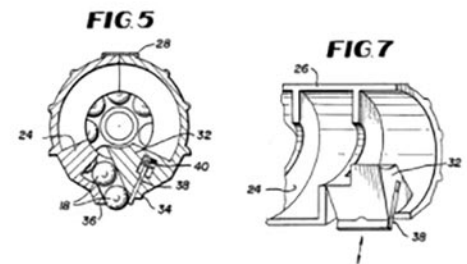
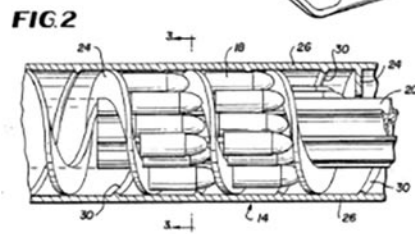
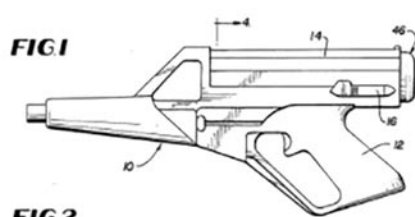
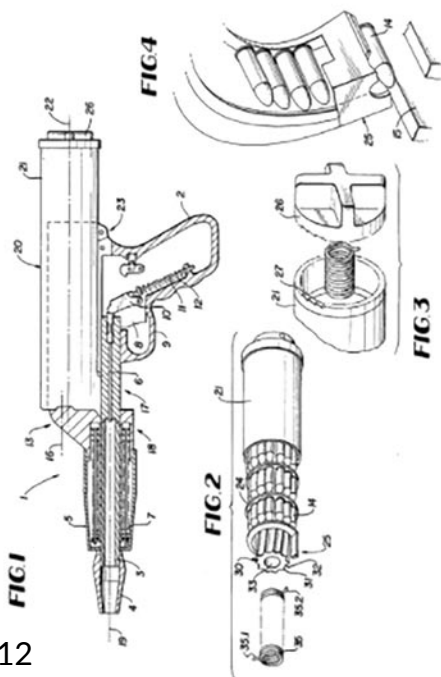
4,888,89

U.S. Patent

Dec. 26, 1989

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4,888,89



JUNE STUDENT CERTIFICATIONS

Introduction to Gunsmithing

Todd A. McGrew II
Philip T. Carter
Roy C. Murphy
Timothy A. Henson
Keith L. Grace
Kenneth J. Morris
Michael J. Thompson
Kyle Louis Krahn
Chad Stogdill
Scott A. Stone
Spencer Terwiske
Keith Lipscomb
Nickolas Grant Lewis
Patrick John Wilsey
Adam Broehl
Hubert L. Robertson
James C. Elliott
Chad R. Baldwin
Dennis Motzkus
Blaine Stewart
Lance Little
Victoria A. Belue

Pistolsmithing

Larry Arrey
Andrew K. Bedsole
David C. Knight
Darwin O. Yazzie
Jim Wellman
James P. Looney
James C. Elliott
Cody M. Belisle
Timothy M. Adams
Adam P. Vitelli
Perry Mesloh
Timothy Monroe Frye

Shotguns

Michael D. Dobbs
Ian J. Gale
Logan Twigg
Kevin Johnson
Tarlochan S. Heir Jr.
Drew A. Gilbertson

Rifles

Robert McCall
Jeffrey G. Davis
Steven Smith
Gary W. Holt
Scott Douglas Witt
Jassen Erazo
Mike Strube
James Fields
David R. Sammons
Kyle M. Kresge
William Russell Mooney

.22 Rimfire

Mike Strube
David R. Sammons
Clyfton L. Diseker
Gary Marsh
Kyle M. Kresge
Wayne Ernest Renfrow, ASN

Machine Shop Theory

Mike Strube
S. Neil Murphy

Welding

Mike Strube

1911 Pistolsmith

Jared Clark
Robert Hood
Timothy P. Meyer
Robert McCall

AR15 Riflesmith

James R. Maliwauki

Glocksmith

James R. Maliwauki
Mark Henneker
James F. Hendricks

Reloading

Steven W. Bartelt

Law Enforcement

AR15 Armorer

Peyton R. Petersen
Daniel R. Obed
Brian N. Baker

Law Enforcement

Glock Armorer

Kevin Stewart
Larry Arrey
Jay L. Stout

Law Enforcement

SIG P320 Armorer

Frederick J. Stone
John J. Capicchioni
John J. Wenker

Cowboy Action Armorer

William Thomas (Bo) Setliff Jr
Douglas D. Smith
William C. Schmalhorst
Michael St. Germain
Steven Smith
Thomas Hendrickson
Schoen R. Parnell

Firearms Appraiser

Blake Hogan
Carl M. Murray
Spencer Terwiske
Carl East
Storm Jenkins
Patrick John Wilsey
Jason Lawson

Reloading

Steven W. Bartelt

Practical

John F. Trofimuk Jr
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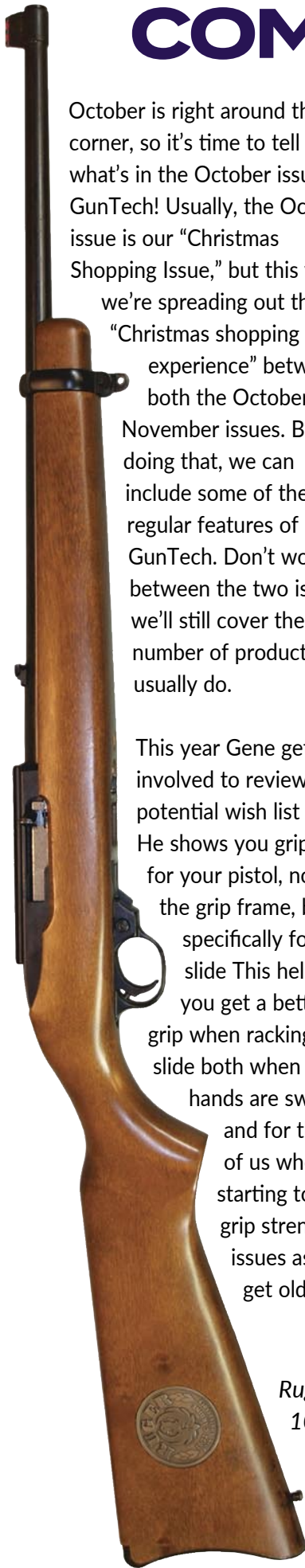
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COMING NEXT MONTH



October is right around the corner, so it's time to tell you what's in the October issue of GunTech! Usually, the October issue is our "Christmas Shopping Issue," but this year we're spreading out the "Christmas shopping experience" between both the October and November issues. By doing that, we can include some of the regular features of GunTech. Don't worry, between the two issues we'll still cover the same number of products we usually do.

This year Gene gets involved to review potential wish list items. He shows you grip tape for your pistol, not for the grip frame, but specifically for the slide. This helps you get a better grip when racking the slide both when your hands are sweaty and for those of us who are starting to have grip strength issues as we get older.

Ruger
1022

Now, it's time for another of Jack's favorite guns. This time it's the first gun he ever bought, a Parker Hale rifle. It's near and dear to his heart for a lot of reasons as many of our favorite guns are. Each time our instructors share their favorite guns, they give many of us an insight into a gun we knew little or nothing about, often igniting an interest in learning more or even acquiring one for ourselves.

Gene is back up with another wish list product, GO Bags for your magazines. Nothing's more frustrating than going to the range and not having a convenient yet protective way to transport a large number of your magazines. The GO bags he shows you are for both AR & AK mags and he gives you all the details on the features, construction, ease of use, durability, and value.

Next up, it's time for a *Workbench Tip/In the Classroom* as Keith shows you the process of how to disassemble and reassemble a Ruger 10/22 rotary magazine. Trust me, you'll thank him, because even though it's not complicated, it is tedious and difficult and unless you do it often. There are parts of it you usually don't get on the first try.

Time for another product. This time Jack shows you a lightweight handguard for your AR. Handguards are a dime a dozen, but if you want to change the balance of your rifle and/or save some weight then this is one to consider.

John is back *In The War Room* and up to his old tricks just in time for Halloween. You know every once in a

while he shows us something from the world of spies and counter-spies and he's back with more cool stuff. This time he shows you a writing pen that isn't a pen. Gee, I wonder what it is? He also shows a very small flare gun that could always be with you to call in the cavalry.

Gene returns with a product that is part of Darrell's way of keeping your rifle skills sharp during the off-season or inclement weather, without going to the range. Darrell sets up an indoor range and uses a precision air rifle. This little drop target from SIG is just the ticket to add some fun to your practice or to use with your kids!

It's now time to spend a few more *Moments with the Master*. This month we share another excerpt where Bob picks up a gun that just came into his shop and walks you through his thought process as he examines it to figure out what's wrong and how to correct it. This time it's a revolver and it's quite a challenge because the customer didn't send him the entire gun! You'll see . . .

We wrap up the October issue with a *Disassembly/Reassembly Course* on the ubiquitous Ruger 10/22 rifle. You might say "How can that little gun be difficult?" Well, by now, you should know every gun is difficult in some way or another and Ken will show you just how to get through it and what to avoid.

After that?! You'll have a great start on your Christmas wish list and be able to enjoy some of your kids or grandkids Halloween candy. See you next month . . . in GunTech!



DISASSEMBLY/REASSEMBLY VIDEO INDEX

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