



**THE RUGER-
LESS 10/22**

Build Your New
Rimfire From Scratch

Gun Digest

WE KNOW GUNS SO YOU KNOW GUNS

THE MAGAZINE

JANUARY 2024
VOLUME 41 • ISSUE 01

Smallbore Buyer's Guide

Head-to-Head
Ballistics of the
Small Shooters



PLUS

FOUR FOR THE TWO- TWO-THREE

Ammo to Make Your .223 Rem.
a Do-All Rifle

Top Ragged-
Hole Rimfire
Scopes

NOT GRANDPA'S PLINKER



The AR Aficionado:
Sweeney's AR-15
Expert Checklist

Burying Bob:
Is the .257 Roberts
Officially Dead?

Well, That's New:
Stag Arms is
Building a Bolt Gun

CCW Skill:
Mastering the
Tactical Reload



LIFE SAVING TOOLS



BRAVOCOMPANYMFG.COM

RECOILTV

WWW.RECOIL.TV



RecoilTV is a **2A** friendly streaming platform created to entertain and inform you on the latest guns and gear associated with the firearms lifestyle.



PRESENTED BY

HONEST. RELEVANT. UNFILTERED.

THE PREMIER AUTHORITY FOR FIREARMS NEWS AND MEDIA THE WAY YOU WANT AND DESERVE.



DOWNLOAD THE FREE APP

AVAILABLE ON



Download on the
App Store



Download on
Apple TV



GET IT ON
Google Play

Roku

fire tv

Chromecast

CONTENTS

DEPARTMENTS

- 6 First Shot
- 8 Know Your Cartridge

COLUMNS

- 10 Defensive Handgunning RICHARD MANN
- 12 Hardware Talk PATRICK SWEENEY
- 16 Reloading Bench PHIL MASSARO
- 18 Modern Gunnery GDTM EDITORS
- 22 Guns & Gear GDTM EDITORS
- 89 First Look GDTM EDITORS

FEATURES

- 24 Little Fellas: The pleasures and pitfalls of the smallest centerfires.
PHIL MASSARO
- 32 The ‘Not a Ruger’ 10/22: Building your own tack-driving 10/22 is easier than it’s ever been.
JOSH WAYNER
- 40 Four for the Two-Two-Three: Four .223 Remington loads, four applications-using one primer and one powder.
RICHARD MANN
- 68 The Essential AR-15 Checklist: AR-15 Wizard Patrick Sweeney reveals the critical things he checks on every new—or used—AR he brings home.
GDTM EDITORS
- 78 Rimfire Riflescopes: With the right optics on a good rifle, it’s possible to print .22 LR groups that would make your grandpa’s jaw drop.
MICHAEL R. SHEA

THE BEST GUN LIST IN PRINT

- 47 Show & Auction Listings
- 56 The Gun Digest Marketplace



Gun Digest the Magazine (ISSN 1938-5943) is published monthly by Caribou Media dba Gun Digest Media, LLC. Corporate Headquarters is 5583 W. Waterford Ln., Suite D, Appleton, WI 54913. Periodicals postage paid at Appleton, WI 54913 and at additional mailing offices. POSTMASTER: Send address changes to PO Box 182, Williamsport, PA 17703. Copyright © 2023 Gun Digest Media. GUN DIGEST THE MAGAZINE and its logo are registered trademarks. Other names and logos referred to or displayed in editorial or advertising content may be trademarked or copyrighted. The publisher and advertisers are not liable for typographical errors that may appear in prices or descriptions in advertisements.

REINTRODUCING

 **917C**



AN ICON RETURNS.

SAFELY CARRY
COCKED & LOCKED
OR HAMMER DOWN

9MM DA/SA,
18+1 CAPACITY

ULTRA-CONCEALABLE
4.3" TARGET
CROWNED BARREL

ACCESSORY RAIL





EVERYTHING CYCLES

Every month, when I sit down in front of my computer and stare at the blank screen that is this column before it actually becomes this column, I'm pulled to write about my grandpa and the Model 61 Winchester pump-action .22 LR ... I got from my grandma. Every time, without fail.

If you follow my ramblings here, you've undoubtedly read a word or two about that gun, and I suppose it's because that gun, and those two people, played such a huge role in the first two decades of my life. A young man can learn a lot about life with a good .22 LR, a woods full of critters and a farmyard plagued with rabbits—and a grandpa pushing just the right buttons to cause just the right amount of trouble.

But that was a long time ago already.

Just the other day, I was rummaging through the gun safe and saw that ol' Model 61 leaning up against a new Ber-gara B14R ... and I was taken aback for a moment. Both capable of chambering identical ammunition, neither looking like anything that resembled the other.

Imagine, if you will, a '57 Chevy pickup (with some road rash and mild hail damage) parked adjacent to a

hot-off-the-line Cybertruck. New is always cool. But new becomes old, old becomes retro ... and retro is always cool, too. Everything cycles in this life: It always has, and it always will.

And right now, the .22 LR market is looking much more like a Cybertruck than a Model 61 Winchester—which is a very, very good thing. It's possible to do more with a smallbore rifle today than many big-bore centerfires were capable of 75 years ago.

Did you know that "long range" .22 LR ammo is available at nearly 50 cents per round? Excessive? Maybe. But if you watch the wind, it's possible to put together a jaw-dropping group at 400 yards with the right setup ... with a .22 LR. Don't believe me? The Faxon build on the cover of this issue is one of those rifles.

So, while sending a silent apology to Grandma, I pushed past the Model 61 in my safe and grabbed the B14R. Sure, I felt bad for a little while, but that disappeared quickly upon inspecting the first 100-yard cloverleaf of the day.

GDTM

GunDigest

5583 W. Waterford Ln., Suite D
Appleton, WI 54913
Phone: (920) 471-4522 • FAX: (920) 471-0031

GunDigest.com

E-mail us: info@gundigest.com

CARIBOU MEDIA GROUP PUBLISHER

JIM SCHLENDER

EDITOR-IN-CHIEF

LUKE HARTLE

MANAGING EDITOR

LAURA PELTAKIAN

ONLINE EDITOR

ELWOOD SHELTON

BOOKS EDITOR

COREY GRAFF

SR. ART DIRECTOR

GENE COO

ART DIRECTOR

KATIA SVERDLOVA

COLUMNISTS

FRANK GALLI, RICHARD MANN,
PHIL MASSARO, PATRICK SWEENEY,
MARTY HAYES

ADVERTISING SALES

ASSOCIATE PUBLISHER

RYAN FARNER

(760) 809-8729

rfarner@recoilweb.com

SENIOR ACCOUNT EXECUTIVE

ALEX OSTROWSKI

(920) 212-5677

alex@gundigest.com

SENIOR ACCOUNT EXECUTIVE

DAVID FIGG

(813) 418-1060

dfigg@recoilweb.com

SENIOR ACCOUNT EXECUTIVE

LORI MCDANIEL

(715) 498-3768

lori@gundigest.com

ADVERTISING ASSISTANTS

BROOKE CASTLE

CHING CORNFORTH

GUN DIGEST MEDIA, LLC

GM/PUBLISHER

GLEN CASTLE

DIRECTOR OF FINANCE

JENNIFER SEXSTONE

NETWORK MANAGER

TOM MARSHALL

NEWSSTAND SALES

NPS MEDIA GROUP

rmurray@npsmediagroup.com

Subscription Services

U.S. and Canada: 1 (800) 829-9127

P.O. Box 182

Williamsport, PA 17703

E-mail: support@gundigestservice.com

GunDigest
BLADE
THE WORLD'S #1 KNIFE PUBLICATION





BLOOD, SWEAT, AND
VENOM®

SCAN TO SEE THE **NEW**
VENOM® **FAMILY**
TACTICAL RIFLESCOPES



VENOM® WORKS HARDER.

.22-15-60 STEVENS



A blip on the radar.

HISTORICAL NOTES

One of a number of cartridges for the Stevens 44 or 44½ series of single-shot rifles, this cartridge was introduced by Stevens in 1896. Actual design is credited to Charles H. Herrick, of Winchester, Massachusetts. It did not enjoy a particularly long life, as most shooters preferred the .25-21 or some of the larger-caliber cartridges. Many shooters claimed the .22-15 Stevens gave better accuracy than the .22 WCF.

GENERAL COMMENTS

This is an improved centerfire .22 of better killing power than other .22s of

.22-15-60 STEVENS LOADING DATA AND FACTORY BALLISTICS

BULLET	POWDER	GRAINS	VELOCITY	ENERGY	SOURCE
60 Lead	Unique	3.4	1,070*	152	Lyman No. 22636
60 Lead	Blackpowder (FFg)	15.0	1,150	176	Factory load

*Estimated

its day. With the heavy 60-grain bullet, it would shoot flat for 125 yards or so. As a target or match cartridge, most of the blackpowder .22s fouled the bore badly and required frequent cleaning. Most shooters preferred the larger calibers of .25 on up.

The .22-15-60 was displaced by the .22 WCF and smokeless powder developments in the rimfire group. Orig-

inal primer was the 1½ size, the same as the modern small rifle or pistol primer of .175-inch diameter. Charge was 15 grains of FFFFg or FFFg. Lyman No. 22636 or 22637 in 54- to 60-grain weight is the proper bullet. Therefore, if you should have one of these old rifles in shooting condition, you can still shoot it—if you can find cases.**GDTM**

BA MUZZLE BRAKE ON ALL CALIBERS

MATTE BLACK
CARBON STEEL HEAVY BARREL

SAVAGE FACTORY BLUEPRINTED ACTION

AICS MAGAZINE

1.5-4 LB USER-ADJUSTABLE ACCUTRIGGER

EXCLUSIVE SKELETONIZED STOCK
WITH FULLY ADJUSTABLE COMB
HEIGHT AND LENGTH OF PULL

PERFORMANCE IS DEFINED BY PASSION.



110 PRECISION

Savage has outfitted the industry's most accurate long range rifles—the new Precision Series—with premium upgrades. The goal? To upgrade every shot you take. Now, the exclusive aluminum chassis from Modular Driven Technologies (MDT), adjustable comb height and length of pull, factory blueprinted actions and self-adjustable AccuTrigger all come together to redefine your long range game.

 **SAVAGE**®

AMERICAN STRONG



SAVAGEARMS.COM

DON'T DROP THE BALL

A practical variation of the tactical reload.

Reloading a defensive handgun is a basic skill. It's something every defensive handgun training course should spend a good bit of time teaching and something everyone who carries a defensive handgun should spend time practicing. Most doctrine separates reloading into three techniques: the administrative reload, the tactical reload and the speed reload. Although all three serve the same purpose of keeping your pistol full of ammunition, they all have different applications.

I've detailed these techniques here before, but to refresh, the administrative reload is a range reload that's conducted at leisure, and the speed reload is done when your handgun is out of ammo and you need more ammo in it *immediately*. The tactical reload is something between an administrative and speed reload, and its conduct and proper application is one of the most misunderstood concepts of defensive handgun management.

HURRY, JUST A LITTLE BIT

A tactical reload should be conducted when you have time ... but when there are also tactical considerations remaining. It's suggested that you conduct a tactical reload during a lull in the gun fight or action. I'm not sure how to precisely define "a lull in the action," but I am sure that the more ammunition you have in your



gun the better off you are, and that you should never holster a handgun that's not fully loaded. Those two considerations are what drives the conduct and need of a tactical reload.

At the basic level, with a tactical reload you retain the magazine you're ejecting from the pistol because it's not empty and you might need it later, or because you're in a situation where you might need the ejected empty magazine later on so that you can load it with more ammunition.

Most trainers teach the conduct of a tactical reload as follows:

- Bring your pistol into your work-

space while retrieving a fully loaded magazine with your support hand, holding it in your palm and between your index and middle finger.

- As you eject the partially expended or empty magazine, grab it between the thumb and index finger of your support hand.
- While holding both magazines, insert the fresh magazine into the pistol.
- Store the ejected magazine in a pocket, or if it's the only extra magazine you have, put it your magazine pouch.

This is not a timed activity, but it's one you should be able to conduct smoothly and with minimal focus, while keeping at least some of your attention on your surroundings. Those talented at conducting a tactical reload can accomplish the task with graceful fluidity in about 5 seconds.

My main problem with the above method is that you must manage two magazines with one hand at the same time. Granted, you're not supposed to be doing this with blistering speed or while you're being shot at, but there's still a reasonable possibility that you'll drop one—or both—of the magazines. That's not a good thing, and I think it makes just as much sense to conduct a tactical reload as follows:

- Bring the pistol into your workspace.



TACTICAL RELOAD (common method)

STEP 1

Pull the pistol into your workspace and retrieve a fully loaded magazine, holding it in your palm and between your index and middle finger.

STEP 2

As you eject the partially expended or empty magazine, grab it between the thumb and index finger of your support hand.

STEP 3

While holding both magazines, insert the fresh magazine into the pistol.

STEP 4

With the partially expended—ejected—magazine in your support hand, store it in your pocket or magazine pouch.



- Eject the partially expended or empty magazine into your support hand and store it in your pocket.
- Retrieve a fully loaded magazine and insert it into your pistol.
- If you still have time and the partially expended magazine is your only other magazine, move it to your magazine pouch.

Though speed is not a principal concern, this second method can be conducted just as swiftly, and it limits the possibility of dropping the partially expended magazine, or more importantly, the fully loaded magazine. Admittedly, the second method leaves your pistol unloaded for a second or so longer. But remember, you should only be conducting a *tactical* reload when time is not a priority, such as when there's no immediate threat or when you've solved the problem and are holstering your handgun.

If time is of any concern, conduct a speed reload.

DON'T DROP IT!

Outside of tactical considerations, the tactical reload can and should be frequently used on the range during practice or training sessions, too. Why? Well, the worst thing you can do with a pistol magazine is drop it on the ground where the feed lips

might become bent, or where it can be gobbled off with dirt, debris or mud. Yes, when practicing a speed reload, your ejected magazine goes to the ground, but the most common reason for stoppages in pistols is magazine related. There's no reason to risk damage unnecessarily.

I'm not suggesting you replace the practice of a speed reload with a tactical reload. What I am suggesting is that if you've finished a drill and have depleted your magazine to the point you cannot run the next drill, if you conduct a tactical reload—especially if you use the second method described above—you'll circumvent the possibility of a magazine being damaged or fouled because it was dropped either intentionally or accidentally.

Hopefully, you'll never be in a dangerous situation where you need to conduct a reload of any type. And, hopefully, if you do need to reload your pistol in conjunction with some sort of dangerous situation, you'll have the time and cover necessary to allow for you to do it tactically. Pick either tactical reload method described here, the one you like the best and feel is the most practical, and practice it. It might save you from fumbling when you can't afford to drop the ball. **GDTM**



LEAVE NO TRACE

Sights that are pushed, not pounded.

Previously, referring to someone as a “pusher” meant they weren’t to be trusted. That’s not the case with XS Sights. Today, it’s used to adjust your sights, and the Inline Sight Pusher kit for Glock is a simple and straightforward tool.

Normally, sight pushers are designed to work with, well ... everything, making them complex. I mean, when you actually have to read the instructions, perhaps it’s too much of a good thing. The XS Sight Pusher, however, is simple and straightforward (or sideways, if you get what I mean).

There’s an adjustment bolt, a sliding brass pusher and an included nylon wedge. Wedge? Yep. You slide the wedge along the angled base of the pusher to adjust the position of the slide and produce a non-slip surface that won’t mar your slide.

Then, you crank the bolt to push the sight. XS Sights also made the brass pushing part with a marked

The XS Sight pusher with the brass pusher retracted and the wedge in place, ready to receive a Glock slide.





The XS Sight pusher and its Allen wrench, showing the QR code etched on the side.

scale, so you can see how much you've moved the sight and get a better estimate of how much is "enough." The best part of all this is that it's compact and lightweight enough that you can put it in your range bag and take it with you.

Shoot and adjust until your Glock is on-center. If you're doing the adjustments at home, then the XS Sight Pusher, with its scale on the brass plate and index marks on the pusher body, will tell you when you have your sight centered.

Now, even a Glock-specific tool has to have some complication. In this case, it's one provided by Glock themselves. If you're working on a Glock 42, the .380 micro-Glock, you'll have to read the G42-specific step to make sure you do it correctly. Oh,

and for those who are online maven, use the QR code etched on the side of the pusher to download and read the instructions, should you need them at the range. (Brave new world indeed.)

It should go without saying that any and all Glock-clone slides will work just as well in the XS Sight pusher. The kit is the pusher, wedge, Allen key to turn the adjustment bolt, steel Glock front sight tool (so if you're installing a complete new set of sights, you can do the front one as well), oil and thread-locking goo.

This is the sort of thing that we gunsmiths back in the dark ages wished for or made ourselves to avoid marring sights with aluminum, brass

or steel drift punches. No more hammering rods to move sights and no more brass marks or dinged sights. The DIY Series runs \$150, which if you own a couple of Glocks is not a big deal. If you only own one Glock, it might seem like a bit, but wait until someone at the gun club has a sight-in issue and you have the tool to solve their problem right there in your range bag.

Being the hero of the day makes the cost go down easier, and getting your own Glock on-center is a whole lot easier. **GDTM**

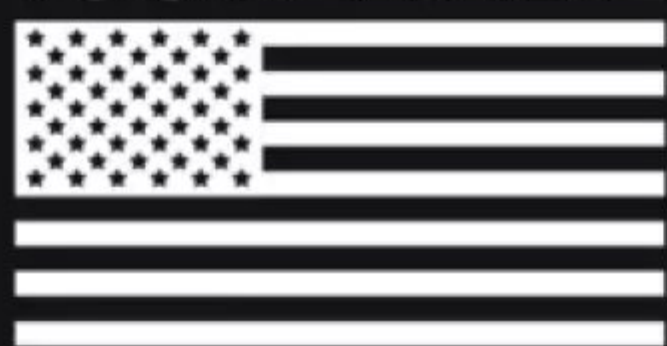


ZAFFIRI PRECISION

PASSION. PROGRESS. PRECISION



100% MADE



IN THE USA

Find out more at
ZaffiriPrecision.com

PRECISION MADE

SLIDES | BARRELS | TRIGGERS

CUSTOMIZED SLIDES - CHOOSE: MODEL • OPTIC CUT • COLOR



SMALL PROJECTILES, SMALL DETAILS

Finding big success when reloading the small stuff.

The processes involved in reloading a centerfire rifle cartridge don't vary drastically when comparing case and bore size, but there definitely seem to be some idiosyncrasies involved with the smaller cartridges. Perhaps it's the accuracy expectations of a small-bore cartridge, or the game species that are hunted with those smaller cartridges, which have us looking for one-hole groups ... or at least tiny little clover leaf groups.

In my experience, the moderate velocity big-bore cartridges can often be more forgiving than the speedier small-bores, or perhaps I should say I've often been able to reach the goal line faster with a big-bore cartridge. Along the line, I've had some trials and tribulations with the smaller cartridges, and depending on the application for your reloading needs, there are some ideas and techniques that might save you some time.

LEARNING THE HARD WAY

I started the small-bore journey by loading for the .223 Remington and .22-250 Remington, in a couple of rifles that gave me fits. My dad had purchased a Ruger Mini-14, which, no matter what we fed it, was a 2-inch rifle. We tried multiple factory loads and then began to handload for the clunker. I thought I didn't know what I was doing, until we tried the handloads in a buddy's bolt rifle and saw ½-MOA groups; the strict regimen was working, but the rifle didn't read the script.

My next experience was with a Ruger Model 77 MKII in .22-250, with

a sporter-weight barrel, that I purchased for hunting coyotes, fox and woodchucks. No matter what I tried, I couldn't get the gun below an inch, often with a flier. Some shooting buddies who had heavy-barreled Remington 700s with finely tuned triggers were routinely printing ¼-MOA groups, and they were kind enough to share their load data.

No dice in my rifle.

What it took was a change of projectile and a new trigger—those mid-1990s Rugers had a non-adjustable trigger that broke at about 6 pounds, and my rifle has a crown that much prefers the flat-base Sierra MatchKing bullet. A Timney trigger and a 53-grain Match-King, plus an appropriate charge of Hodgdon's H380, saw the rifle finally print ½-MOA groups.

Both those rifles had issues, but they

taught me some lessons that came in handy later in life. Because I couldn't get them to print, I started to examine each and every detail of the equation, from the components and their consistencies to the fine-tuning of the cases and the methods of assembly. Small-bore cartridges—especially those which generate higher velocities—can magnify any errors or deviations, and the target board can reflect that. So, I learned some tricks and tips to obtain the best results with these little guys.

SMALL PROJECTILES, SMALL DETAILS

Velocity comes at the price of pressure, and consistent pressures can equate to consistent velocities, and correlative precision. If your cases are of differing volumes, the same powder charge will generate a slightly different pressure



Small-bore cartridges have some unique personality traits.



(Far left) The Sierra 53-grain flat base MatchKing that saved the author's Ruger .22-250 Remington; it remains his go-to bullet for that rifle.

(Left) The diminutive .17 Hornet has very little case capacity; powder charges should be weighed in order to achieve safe, accurate handloads.

(Below) The .223 Remington can be a very forgiving cartridge to load, able to use a wide array of powders.

level, so trying to keep things as uniform as possible will best keep velocities even.

If you're after the finest precision, weighing your cases after trimming and resizing can indicate which cases have slightly thicker walls; the outside dimensions being the same, a case with thicker walls will be heavier and have a smaller combustion chamber. For best precision and consistency, sort your cases into lots, using the most uniform for the best match-grade accuracy.

Primer choice can make a big difference in small-bore loads, and I've long felt this class of cartridge is more susceptible to differences in primer heat. If you like the .220 Swift or .22-250 Remington, any large rifle primer will get things to go bang, but I like a match-grade primer like the Federal Gold Medal Match GM210M. That primer has given such excellent performance across the board that I generally reach for that first to save me time and effort.

The same can be said for the small rifle primers, where the Federal GM205M Gold Medal Match offers the same consistency for the smaller cases, though I've had good results with the CCI 400 or the CCI BR-4 Bench Rest primers. In the end, whichever primer gives the lowest velocity spread is usually the one that gets the nod from me. The point: Simply switching a brand or type of primer has made all the difference in some rifles.

Powder choice is also highly important, as it has made an absolute world of difference in some cartridges. Where



I can feed my .375 H&H Magnum just about any powder, from IMR 3031 to H4350, some of these little cases are very particular about the powders they like. My .22-250 shows a marked preference for Hodgdon's H380, and the 17 Hornet likes Hodgdon's CFE BLK and Accurate LT-30.

On the other side of the spectrum, the .223 Remington is one of those cases that seems to be more forgiving. I've used H335 and BL-C(2) with great effect, and a couple of Shooters World powders—the AR Plus and Tactical Rifle—have been excellent performers, with the latter giving very tight and consistent groups.

Case preparation can also help tighten up groups; I like to full-length resize in most instances, and I also feel that a uniform flash hole can make a real difference. When it comes to the highly frangible varmint bullets, or those match bullets that stake their

reputations on highly concentric jackets, a poor chamfer on a case mouth can scratch and sometimes deform a bullet to the point where the ballistic coefficient will change, and long-range accuracy will degrade.

A good VLD chamfer tool, like Redding's piloted P15 chamfer tool—which uses the cartridge's flash hole to keep the chamfer as concentric as possible—will allow for easier seating of your projectile and minimize any damage to the jackets.

Lastly, I feel small-bore cartridges warrant the weighing of every powder charge, especially when it comes to the smaller cases like the .17 Hornet and .22 Hornet. With minimal case capacity, an overcharge of 0.2 or 0.3 grain can push pressures into the red, so err on the side of caution and weigh each charge—it'll also give the best accuracy and consistency in your handloads.

GDTM

IS IT TIME TO BURY OL' BOB?

Performance-wise, the .257 Roberts can keep up with the best of them, so why is this cartridge always overlooked?

A lot of people think .257 Roberts is a total Fudd cartridge—an anachronism, destined for the brass pile of history. It's a shame, too, because it has nearly all the virtues modern rifle shooters look for in any cartridge bigger than .223 Rem. and lighter than .308 Win.

Unfortunately, the .257 Roberts has long suffered from a botched release (more on that soon) and never got quite the same development as other more popular cartridges.

HISTORY OF .257 ROBERTS

The .257 Roberts started life as a wildcat, devised by gunwriter and tinkerer Ned Roberts in the 1920s who tried his hand at necking down a case to shoot a smaller bullet. The idea, as always, was to decrease recoil and gain ballistic advantage through sheer velocity.

The parent case is 7x57mm Mauser. Roberts necked it down to .25 caliber (6.35mm) while changing the neck angle to 15 degrees for a long neck and keeping the original powder charge.

Initially dubbed .25 Roberts, it was eventually stumbled upon by Remington and the company decided to make a few changes and introduce it commercially. Remington increased the projectile size to 6.5mm and named it



Ned Roberts (far right).

.257 Roberts, after its creator.

As a result, the projectile could potentially gain anywhere from 200 to 400 fps (depending on the bullet, powder charge, barrel length, etc.) over the .250-3000 Savage, the other popular cartridge of that caliber from this era.

Remington's idea was to put out a new caliber that was equally adept at blasting woodchucks, prairie dogs and other varmints but would also make a fantastic medium-game hunting round—a combination of attributes prized at the time.

THE .257 ROBERTS IN ACTION

When Remington released the .257 Roberts in 1934, it was initially praised as a dual-purpose cartridge. It was celebrated for its light recoil and excellent

accuracy, but it was hampered by the rotten factory ammunition of the era in two key respects.

First, .257 Roberts was loaded lighter than necessary. The ammunition makers of the day did not want to take chances with chamber pressure, so it was generally only loaded to about 51,000 psi—much lighter than most rifle calibers today. There's a good reason for that: If someone re-barreled a surplus rifle (Spanish Mausers and Type 38 Arisaka rifles were commonly rebarreled to .257 Roberts), there's a good chance it wouldn't withstand the pressure.

Second, Remington elected to use a 117-grain round-nose soft-point as the hunting load. Factory velocity for the 117-grain bullet was a lackluster



2,650 fps, the literal equivalent of the .250-3000 Savage. That won it few fans overseas and severely hampered its trajectory, limiting its useful range.

Handloaders were quick to realize that a bit more powder and a more aerodynamic projectile would propel a 117-grain spitzer to 2,800 fps or more. However, just like today, most people then relied on available factory ammo rather than handloads.

P.O. Ackley also created an improved version—the aptly named .257 Ackley Improved—which is quietly considered an absolute Goldilocks rifle cartridge. However, given ammunition is (and always has been) very hard to come by, the improved round never really caught on.

Making matters worse, Remington decided to squeeze the cartridge into short-action rifles (7x57mm Mauser is halfway between .308 and .30-06), which hampered accuracy as there was less leade for the longer, heavy-for-caliber bullets. Worse still, when Winchester released the .243 Winchester in 1955, just about everyone quickly discovered it did everything .257 Roberts did, arguably did them better, and did so for less money.

.257 ROBERTS VS. .243 WINCHESTER

To give you an idea of what the classic .257 Roberts load is capable of, less use Remington's 117-grain soft-point load with a G1 BC of .240, with a 100-yard zero, a 1.5-inch height-over-bore, a 90-degree 10-mph crosswind and no corrections for atmosphere.

A spread of different bullets used for reloading .257 Roberts (above). A variety of .257 Roberts cartridges (right).

The bullet drops quickly, goes transonic just after 550 yards and, in general, is not much to write home about.

Now let's compare that to the trajectory for Hornady's American White-tail load in .243 Winchester using a 100-grain soft-point bullet and a G1 BC of .405.

The .243 Winchester drops dramatically less, is still supersonic at 1,000 yards and still has more energy at 650 yards than the average .357 Magnum has at the muzzle. Given that this load of .243 has about the same recoil energy, there's no reason to even think about ol' Bob ... unless you picked up a more contemporary load for it, as modern .257 Roberts +P is a different animal.

Let's consider a Nosler 110-grain AccuBond +P Trophy Grade load with a G1 BC of .418.

With additional velocity and a modern high-BC bullet, .257 Roberts remains supersonic past 1,000 yards and has more energy at 800 yards than a .357 Magnum has at the muzzle. Not too shabby, huh?

Modern .257 Roberts +P satisfies the 1,000 foot-pound minimum for big game out to 500 yards, and when zeroed for maximum point-blank range it can hit within 3.5 inches of point-of-aim to 300 yards.

If, that is, you could ever find any ammo to buy.

WHAT IS .257 ROBERTS GOOD FOR?

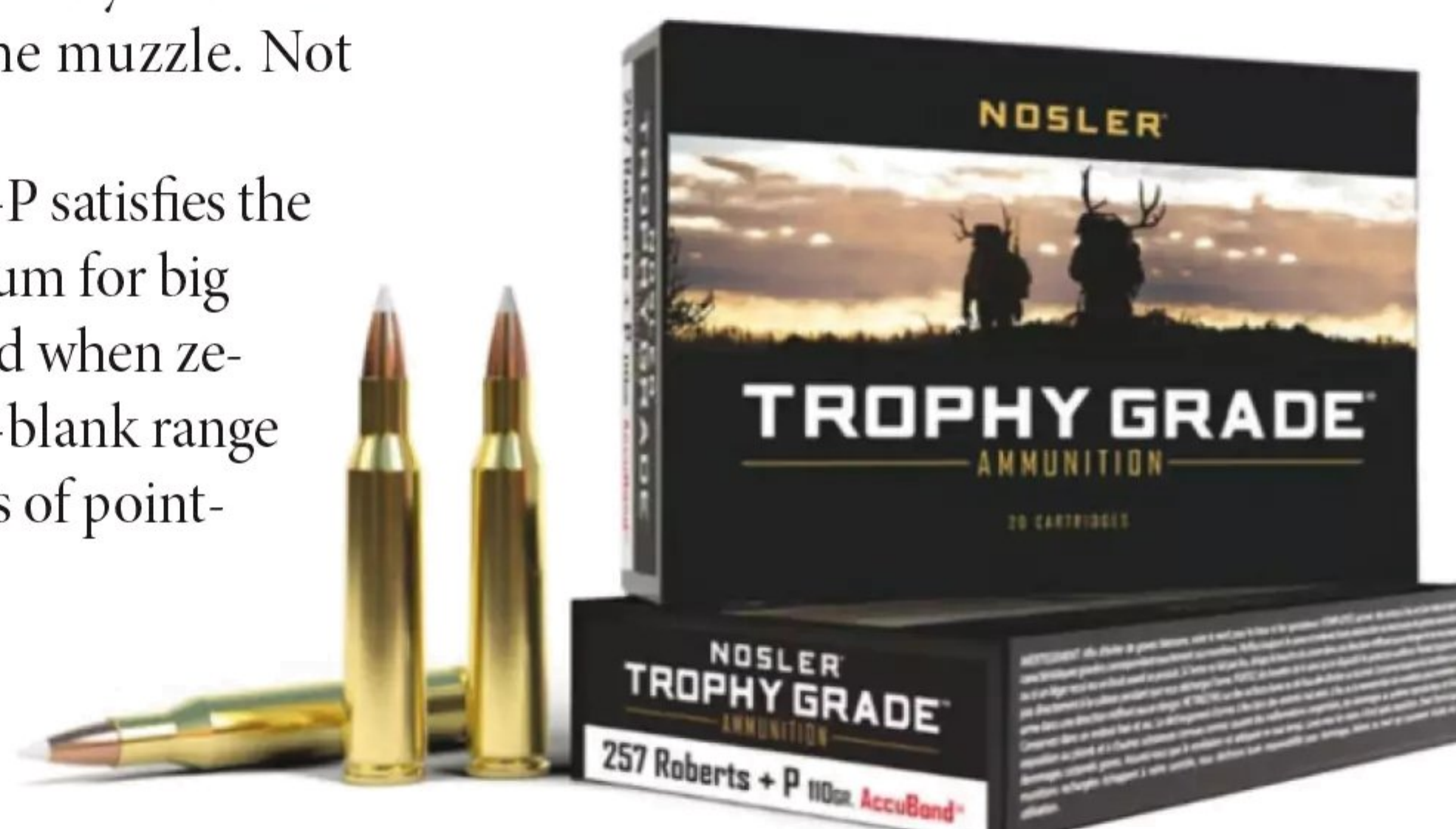
The .257 Roberts, in its classic factory loading, is underpowered and drops more than .243 Winchester, all while costing more than it should for the dearth of benefits.

Sure, you could use it to shoot varmints or hunt, but there's no good reason to when .243 Winchester exists.

In modern +P loadings, however, .257 Roberts is capable of everything .243 Winchester is. It could be effectively used on medium game and varmints at some fairly impressive ranges, and it would make a sheep, mountain goat and pronghorn cartridge *par excellence*. With the right rifle and right load, it would even make a capable precision rifle cartridge as well given its recoil energy of less than 11 ft-lb.

Is .257 Roberts Ammo Still Made?

Yes, manufacturers do still make .257 Roberts ammunition, but not in any significant volume. Most ammo shops





The .257 Roberts has been dying a slow death ever since. Modern loads exist for it, but few people buy them.

zero new-production rifles for sale, and only secondhand outlets like Gun-Broker had a few used options.

The point is that, despite modern bullets making this venerable old cartridge vastly more capable, you can't get the ammo, you can barely get a rifle and the truth is other cartridges perform pretty much the same while having ammo and guns available for them.

.257 ROBERTS IS DEAD OR DYING, THERE ARE OTHER OPTIONS

The only reason to fool with .257 Roberts anymore is because you inherited a rifle from a relative, and even then you're going to have a hard time feeding it. Frankly, re-barreling the gun would pay for itself if you shot it enough. The fact of the matter is this cartridge is dead or dying, and there's almost no reason to resuscitate it.

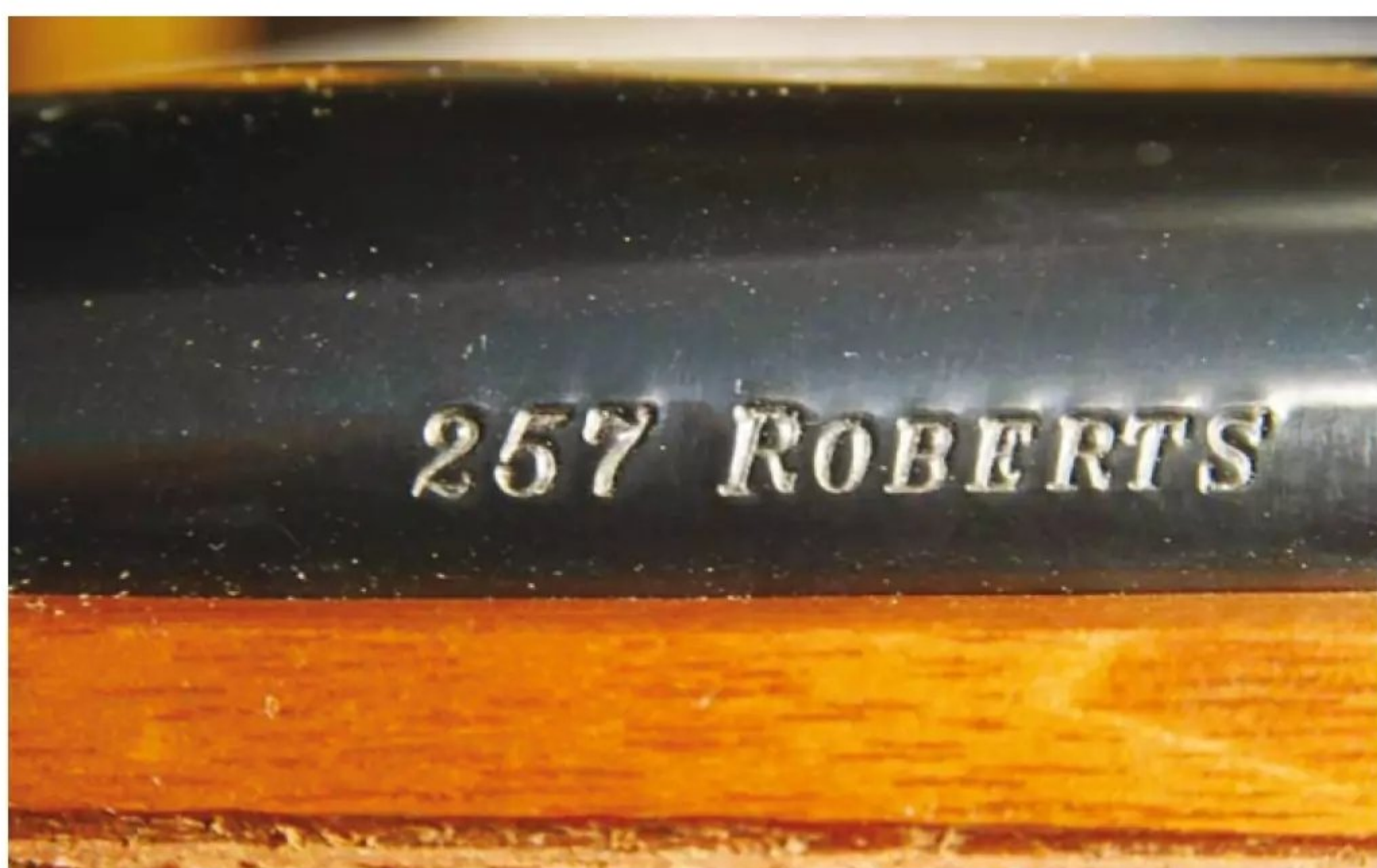
Light-recoiling, multi-purpose rifle cartridges exist outside of .257 Roberts.

For example, .243 Winchester is ridiculously available, affordable and can be found in bolt-action and modern semi-auto rifle platforms.

The same is true of 6mm Creedmoor, 6.5mm Creedmoor and .260 Remington, all of which are highly capable light-to-medium game-getters even at long range, are excellent for varmints and have been used to win a bevy of precision rifle matches. The same is also true for 7mm-08 Remington.

Every single one of the mentioned calibers is light enough for youth hunters and is a fantastic varmint, predator and light game (even some heavier game; 6.5mm Creedmoor and 7mm-08 are more than viable for elk, moose and black bear) cartridge, not to mention, are available in a variety of different platforms.

While more than capable on paper, the availability of guns and ammo is simply the final nail in the coffin for .257 Roberts. **GDTM**



The caliber marking of a Ruger Hawkeye in .257 Roberts.



you visit likely won't even have any in stock.

Browsing online retailers tells a similar story: At the time of writing, sites like MidwayUSA and GrabAGun only have a handful of loads listed, none of which are currently available.

Further, AmmoSeek didn't return a single in-stock result. Finding factory .257 ammo for sale is difficult, to say the least.

Rifles chambered for .257 Roberts are also hard to come by these days. The online retailers we perused had

MRADLR

EXTREME

— LONG RANGE —

CHAMBERED IN



AT LAUNCH



The MRADLR™ is a high quality, military tested, off-the-shelf, extreme long-range system with user changeable barrels. Designed to deliver precision typically achieved only by custom-built rifles, this rifle expands the bolt-action MRAD family to include 416 Barrett with additional large caliber options available in the future.

barrett.net

01 Rock Island Armory TM22 Feather

Plinking, pest control, teaching youth—there are a lot of different roles a rimfire rifle can fill. Whether you already own one or several, given its very affordable price, the Rock Island Armory TM22 Feather is worth a look. With aesthetics inspired by old-school AR carbines, the TM22 is a lightweight semi-auto chambered for .22 LR. Despite the removable carry handle rear sight, it still has plenty of modern features. Among these are a top optics rail and fully adjustable stock. Plus, the pistol grip and buffer tube adapter can both be replaced by AR-pattern aftermarket parts. The rifle ships with two, 10-round magazines, but 15- and 25-round mags are available as well.

MSRP: \$249

02 Chiappa Little Badger Take Down Xtreme Rifle

Whether you're a bush pilot or a back-packer, having a firearm of any type can mean the difference between life and death if things go south. When space and weight considerations take priority over firepower, Chiappa's Little Badger Take Down is a top option. A break-action single-shot .22LR, the Little Badger is capable of breaking down into two pieces, each about 16 inches in length. With a total weight of only 2.9 pounds, this is ideal for anyone who needs a compact survival gun. The rifle features built-in iron sights as well as Picatinny rail segments on the barrel and grip area for attaching accessories like a red-dot or a proper pistol grip. It might not be a standout at the range, but it could save your skin.

MSRP: \$310.37

03 Smith & Wesson M&P22 Magnum

Fans of .22 Magnum should be excited to see Smith & Wesson's latest foray into the caliber. Called the M&P22 Magnum, the pistol uses the same TEMPO barrel system as Smith's new M&P 5.7 pistol chambered for 5.7x28mm. This unique system will theoretically improve the full-size polymer handgun's performance and reliability, but perhaps the most notable feature of the M&P22 Magnum is its 30-round capacity. That's a lot of firepower for what's a relatively small package, and it would be just as useful for varmint control around one's property as it would be fun at the range. Modern features like an optics-ready slide, accessory rail and flat trigger only make it more appealing.

MSRP: \$649

04 Heritage Manufacturing Co. Tactical Rancher

Tactical is a word that's not too often used to describe revolvers, but Heritage's Tactical Rancher is one of them. Just how tactical is it? Honestly, not that much, but it has a Picatinny rail for mounting optics, a threaded muzzle and provisions for attaching a sling, and that's more than most revolver carbines can claim. The rifle comes with a six-round .22LR cylinder, but it can accept a .22 Magnum cylinder as well. Whatever cowboy operator fantasies you might have, the Tactical Rancher would be a solid way to live them out.

MSRP: \$355.99



05 CCI Clean-22 Hyper Velocity

Anyone who shoots a lot of rimfire knows just how dirty these little guns can get. If you're a high-volume .22LR shooter, CCI's Clean-22 Hyper Velocity is a great option. This ammo is loaded with 31-grain round-nose projectiles that have been coated in purple polymer, resulting in less fouling. This is especially true if you have any cans on your rimfire guns, as CCI says that Clean-22 will reduce lead buildup in suppressors by up to 80 percent. With an advertised muzzle velocity of 1,550 fps, CCI ensures that the ammo is both accurate and reliable in semi-auto firearms.

MSRP: \$10.99 / box of 50

06 Lapua .22 LR Super Long Range

The .22 LR cartridge is good at a lot of things, but shooting at long ranges isn't one of them. Thankfully, companies like Lapua are working hard to mitigate that. Lapua .22LR Super Long Range was designed specifically for use at distances beyond 100 yards, making it a great choice for any shooter who needs accuracy at extended ranges. The load features a 40-grain round-nose projectile with an impressive G1 BC of 0.172 and an advertised muzzle velocity of 1,106 fps. Whether you're a hunter, competition shooter or anything else, this ammo should help you hit your mark. It's not cheap, but it could revolutionize your .22LR rig.

MSRP: about \$0.45 per round

07 Winchester Ammunition XPERT .22 LR

Winchester Repeating Arms released the Xpert .22LR bolt-action rifle not that long ago, and now Winchester Ammunition has designed the perfect ammo to go along with it. Bearing the same Xpert name, the ammunition features a 42-grain copper-plated hollow-point projectile and has an advertised muzzle velocity of 1,320 fps. Winchester says that the ammo is loaded very consistently and describes it as very flat shooting, making it easier to score good hits at longer ranges. Plus, the impressive velocity helps ensure reliable expansion. Whether you shoot paper for sport or game for sustenance, Xpert .22 LR will help get the job done right.

MSRP: about \$0.10 per round

.22-CALIBER

GEAR



07



05

LITTLE FELLAS

The pleasures and pitfalls of the smallest centerfires.

When a rifleman decides to make the move to a small-bore rifle—whether for hunting, target shooting or for defensive measures—their choice of cartridge usually ends being highly debated. I've seen guys who were friends for decades get extremely hot under the collar when arguing the .22-250 Remington versus the .220 Swift, to the point where I thought it might come to blows.

Bring up the .204 Ruger and you might find a shooter who feels that all other bore diameters are an absolute waste of time, and the shooting world was just waiting for a .20-caliber cartridge. And then there's the huge crowd of folks who feel that small-bore cartridges begin and end with the 5.56mm/.223 Remington, and that's that.

For the hunter/shooter looking for a small-bore cartridge to best fit his or her needs, there are some considerations to keep in mind with any of the small-

bore choices, and the more you know, the easier the choice will be. Let's look at some of the more common choices between .17 and .22 caliber, and what each has to offer.

THE TEENAGERS

This .17 caliber is the smallest bore diameter of the commercially loaded cartridges and offers some serious heat. This bore diameter can be traced back to the Flobert rifles—using no powder, only a primer as propellant—and was championed by P.O. Ackley. Remington was the first to legitimize the 0.172-inch-caliber cartridges, with the 1971 release of the .17 Remington.

Based on a slightly modified .223 Remington case, the .17 Remington will propel 20- and 25-grain bullets to a muzzle velocity of 4,250 fps and 4,040 fps, respectively. This velocity level will test the mettle of any bullet, let alone frangible varmint bullets of 20 to 25 grains, and the .17 Remington can be nearly explosive upon





impact. The hydraulic shock generated will certainly create “red mist” when used on woodchucks and prairie dogs, and if placed correctly, it will hold even the bigger Eastern coyotes.

The .17 Remington can be hell on barrels, especially if you overheat them, and fouling can be a real issue if you don’t stay on top of it. Accuracy will degrade, and cleaning any of the .17 bores can be a challenge, as it requires a cleaning rod of special diameter, as well as tiny little patches.

Remington also had the distinction of producing the second commercial .17-caliber cartridge, when interest in the .17 Mach IV wildcat warranted the development of the .17 Remington Fireball in 2007. Necking down the .221 Fireball resulted in a cartridge that offers a muzzle velocity rather close to the .17 Remington—driving a 20-grain bullet to just over 4,000 fps and a 25-grain bullet at more than 3,700 fps—in a smaller case. I find the .17 Remington Fireball to be a bit more barrel friendly than the larger .17 Remington, but despite a bit of fanfare upon release, factory ammunition is becoming increasingly rare ... if you can find it at all.

The youngest of the bunch—Hornady’s



.17 Hornet—is based on a P.O. Ackley wildcat, which necked down the highly popular .22 Hornet to hold .172-caliber bullets. While the Ackley variant used a 30-degree shoulder to help increase case capacity, the Hornady version uses a 25-degree shoulder, albeit with less body taper.

Despite the rimmed case, the .17 Hornet feeds well in bolt-action rifles, including the Ruger rotary magazine. With a 20-grain bullet leaving the muzzle at 3,650 fps, the .17 Hornet is the best bal-

anced of the .17-caliber cartridges. Despite the fact that it gives up 600 fps to the .17 Remington, the lack of ear-splitting report, while still delivering a respectable trajectory, makes a huge difference.

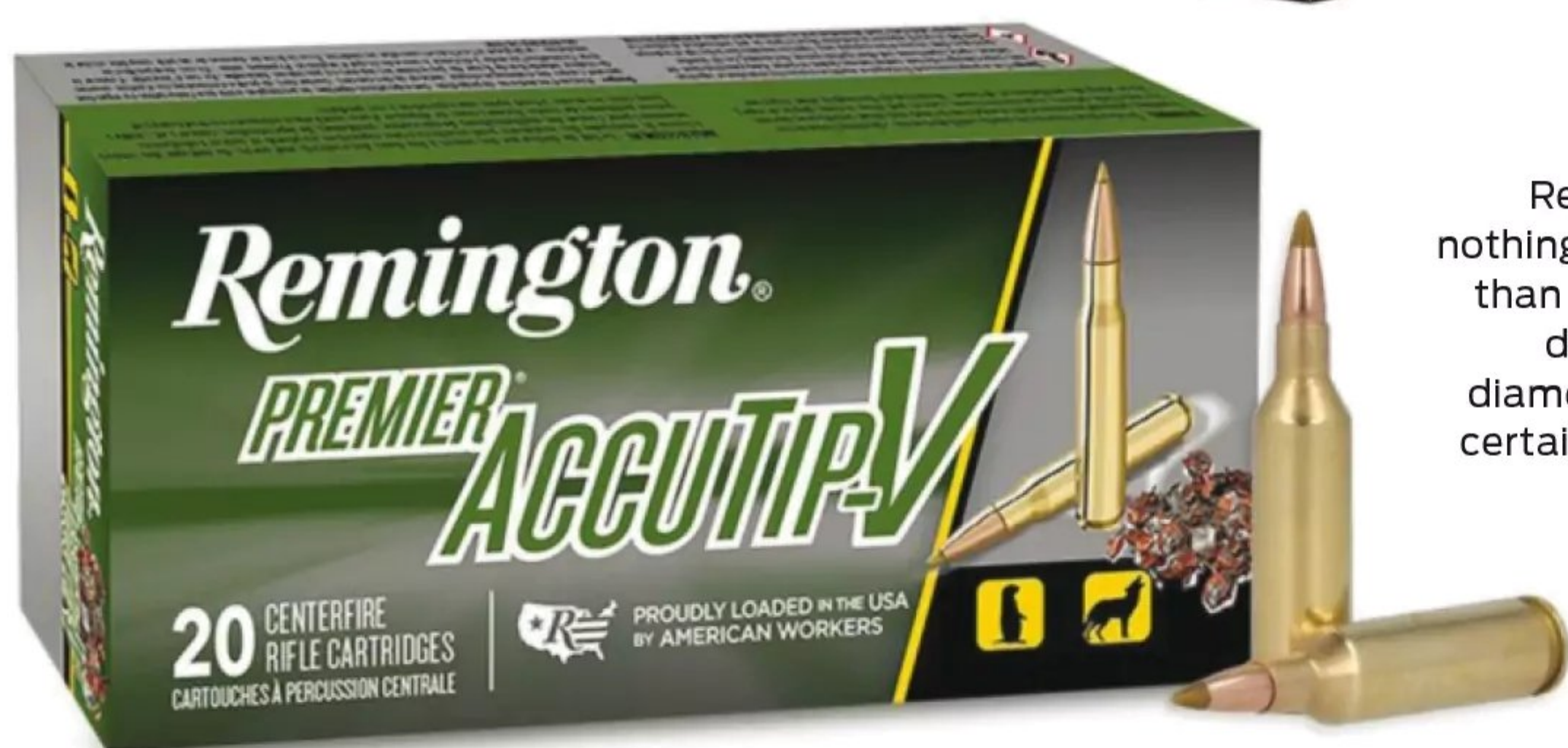
Looking at downrange trajectory, you’ll see an arc very similar to that of the .30-06 Springfield. That 20-grain V-Max—when zeroed at 200 yards—will strike 6½ inches low at 300 yards and 20½ inches low at 400 yards, though the wind deflection of the diminutive cartridge is twice that of the ought-six. But

(Above) The .22 Hornet is a classic, but the author finds the .17 Hornet to be a better and more useful cartridge.



(Right) The .204 Ruger is a collaborative effort between Ruger and Hornady, and makes a great cartridge for small game and target shooting alike.

The .22 Nosler has a tight twist rate, and a rebated rim for use in a AR-15 platform. It can use the heavy-for-caliber 0.224-inch-caliber bullets.



Remington's .17 Fireball is nothing more and nothing less than the .221 Fireball necked down to hold 0.172-inch-diameter bullets ... and it will certainly ruin a varmint's day.

once you become accustomed to the .17 Hornet in the wind, you've got a rather potent little package. A 20-grain bullet will work on bigger coyotes up close, but outside of 150 yards or so it might struggle to hold them. Nonetheless, I like having a .17 Hornet in my lineup.

ANYONE FOR A 20?

In 2004, Hornady worked with Ruger to create what would become the second-fastest small-bore: the .204 Ruger. Based on the .222 Remington Magnum and using a bullet of nominal diameter, the factory loads would use a 32-grain bullet to break the 4,200-fps barrier. A 30-degree shoulder handles the headspacing duty.

Although the 32-grain bullet generates some impressive velocity figures, there are bullets available weighing up to 55 grains, including Hornady's 40-grain V-Max at 3,900 fps, making a good load for longer range hunting and shooting. The heavier bullet weights require a 1:10 twist rate for proper stabilization, rather than the standard 1:12 supplied in most factory barrels. I like the .204 Ruger as a happy medium between the .17s, which use considerably lighter bullets, and the .22-caliber centerfires, which have the bullet weight but can sometimes be too

much of a good thing when it comes to small-bores.

Hornady is a prime source of ammunition, but there have been factory loads from Federal, Winchester, Remington, Nosler, Sierra and more. Many of the loads seem to be produced as seasonal runs. There are plenty of good component projectiles out there, and the .204 Ruger isn't a particularly finicky cartridge to load for. If you enjoy cartridges a bit

out of the norm, the .204 Ruger is a neat choice, which will be effective in the field or at the target range.

CATCH 22

When I think of centerfire small-bore cartridges, my mind goes immediately to .22 caliber; perhaps it's because that was as small as things went when I was a young. From the classic .22 Hornet of the 1930s, to the undeniable popularity of the .223 and Triple Deuce, and the faster .22-250 Remington and .220 Swift, it seemed that these cartridges were re-signed to killing woodchucks and foxes. There were, however, some adventurous deer hunters who would employ a .222 Remington or .22-250 Remington to fill the freezer, with mixed results.

There are plenty to choose from, with some fading into obscurity and some older ones still hanging on. Yes, I think the .219 Zipper, .224 Weatherby, .225 Winchester and .22 Savage HiPower are cool, but they aren't popular *at all* any longer. So, I'll compare and contrast the more popular—and attainable—.22-caliber centerfires.

The .22 Hornet has its roots back in the late 19th century, but the cartridge we all know and love came onto the scene in 1930, having been molded by the likes of Grosvenor Wotkins and Townsend Whelen at the Springfield



The .223 Remington has the advantage of being highly popular and has been loaded with a wide array of projectiles. These 62-grain Federal Fusion bonded core bullets will handle deer-sized game, if properly placed.



Armory, bearing a serious resemblance to the blackpowder .22 WCF. Though it's rimmed, the Hornet has been adapted to a wide number of rifle actions, from bolt-action to falling-block single-shots, to double rifles and drillings. With a slight shoulder measuring just over 5½ degrees, the Hornet feeds nicely from a box magazine and will push a 45-grain bullet to nearly 2,700 fps.

While this might not be setting any velocity records, it's good enough for varmints and furbearing predators up to and including coyotes. It has very little recoil, and the report won't flatten eardrums. Ammunition is still available from a number of manufacturers—though it seems to be produced in limited runs—and offers projectiles weighing between 30 and 46 grains. If you want a low-recoiling choice for taking varmints and furbearers inside of 200 to 250 yards, the .22 Hornet surely deserves consideration.

The .222 Remington was a gamechanger when it burst onto the scene in 1950 in the Remington Model 722 bolt rifle. Developed by Mike Walker, the Triple Deuce was the first commercially loaded rimless .22-caliber centerfire cartridge, and it smashed all sorts of accuracy records. Compared to the larger, speedier cases, it has very tolerable recoil, and a 50-grain bullet traveling at right around 3,200 to 3,350 fps doesn't exactly disappoint at moderate ranges. The 23-degree

shoulder handles the headspacing duties, and the neck measures 0.313 inch, giving plenty of neck tension.

The .222 Remington had its heyday here in the United States, but it long ago lost the popularity contest to the .223 Remington and .22-250 Remington. However, it remains popular in those European countries where military ammunition is prohibited for hunting. Inside of 400 yards, hits were rather consistent, but past that distance it became increasingly difficult, especially in comparison to the .223 Remington. But for the eastern woodchuck hunter who wants a target cartridge for shorter ranges, the Triple Deuce might be a great solution. Should you find a rifle so chambered, don't count it out.



Wanna turn a woodchuck inside out? The .220 Swift is a perfect candidate, as it has the case capacity to generate serious velocities.

THE STANDARD

There really isn't too much I can add to the .223 Remington that hasn't been said a million times, but it does possess some qualities that set it apart from other .22-caliber cartridges. It's slightly longer than the .222 Remington, with the same 23-degree shoulder and 0.378-inch case diameter, yet has a shorter neck. This yields a greater case capacity and a correlative faster velocity.

And, to change the game even further, many modern rifles chambered in .223 Remington offer a tight twist rate—sometimes as tight as 1:7—which allows the use of heavy-for-caliber bullets that best retain energy and resist wind deflection. A 77-grain bullet at 2,700 fps will perform much better at longer ranges

than any lighter bullet when the targets are out past 500 or 600 yards, and the winds begin to wreak havoc with your bullet. If you want a flexible package, which is affordable to shoot, with a multitude of ammunition choices, look no further than the .223 Remington; it can be handloaded easily, it's easy on the shoulder, and though it may lack the sparkle of newer cartridges, it just plain works.

THE NEWBIES

The .22 Nosler reared its head in early 2017, and was designed to mate up perfectly with the AR platform, giving superior ballistics to the .223 Remington/5.56 NATO, and approaching those of the .22-250 Remington. With a 1:8 twist rate, the .22 Nosler offers heavier bullets in the loaded ammunition, including 70-, 85- and 90-grain choices. It has a rebated rim and a 30-degree shoulder for head-spacing, but it makes the most sense in an AR rifle.

The main issue with the cartridge is that Nosler is the only source of ammunition, and the cartridge seems to be fading fast. Nonetheless, the formula makes sense and if speed is your thing, the .22 Nosler has no flies on it.

Federal's .224 Valkyrie is a long-range

cartridge, for sure, with a twist rate of 1:7 to handle the heaviest .22-caliber bullets. Based on the 6.8 SPC, the .224 Valkyrie was released at 2018's SHOT Show. The rimless case uses a 30-degree shoulder like the .22 Nosler but is more adaptable to a bolt-action rifle. Factory ammunition will offer bullet weights between 60 and 90 grains and is available not only from Federal, but from Hornady and Sierra, in both hunting and match-grade target loads.

It's probably the best choice for those who want a .22-caliber centerfire that can readily handle deer and similar-sized game, as well as the varmints and furbearers, yet readily handle a 1,000-yard target range. Of the new releases, I like the .224 Valkyrie a whole lot.

THE SPEEDSTER

Remington's .22-250 spent more than a quarter-century as a wildcat cartridge, being nothing more and nothing less than the .250-3000 Savage necked down to hold .224-diameter bullets. One of the most popular variants was developed by Grosvenor Wotkins, J.E. Gebby and J.B. Smith, rivaling the .220 Swift's velocity levels. Ironically, the .22-250 was one of the only cartridges to have a commercial rifle chambered for it before any

commercial ammunition was available. Browning made a rifle chambered in 1963, while the Remington ammunition wouldn't be offered until 1965. Our own John T. Amber commented on the situation in the *1964 Gun Digest Annual*, reporting, "As far as I know, this is the first time a first-line arms-maker has offered a rifle chambered for a cartridge that it—or some other production ammunition maker—cannot supply."

The .22-250 is still a highly popular cartridge among the small-bore crowd, as it offers impressive velocities and can deliver hair-splitting accuracy. But, the cartridge has both pleasures and pitfalls: The case



(Above) The .22-250 Remington—being a necked down .250 Savage—was a wildcat for many years before Remington legitimized it. It remains one of the author's favorite small-bore cartridges.



(Left) Federal's .224 Valkyrie is equally at home in an autoloader as it is in a bolt gun, and as it can handle the heaviest bullet in .22-caliber, it's well suited for deer, antelope and similar game species.



Housed in a light rifle, the .22 Hornet can be a wonderful training tool for a youngster, yet it will handle bobcats, foxes and coyotes at “woods” ranges.

capacity is almost wasted because the twist rate prevents bullets heavier than 55 grains, or maybe 60 grains if the conformation is correct. A 55-grain slug can be driven to 3,800 fps, and while that’s impressive, I contemplate re-barreling my rifle from the standard 1:12 twist down to a 1:8 or 1:7 twist to accommodate the 85- and 90-grain bullets, which would take full advantage of the case capacity.

Factory loads are available from nearly any company that loads ammunition, and the handloaders have long embraced the case. In fact, Hodgdon’s H380 spherical powder is named for the 38.0-grain load of surplus military powder that Bruce Hodgdon used under a 55-grain bullet in the (then wildcat) .22-250 case.

With a 0.473-inch rim, and a neck measuring 0.248-inch long, the case has all sorts of capacity, but unlike the modern cartridges, is handicapped by the twist rate common to yesteryear. Or is it?

If you want your small-bore rifle to simply handle the smaller species and some target duties at moderate ranges, the .22-250 Remington has no drawbacks whatsoever. But if you want to stretch the capabilities, extending the .22-250 into the regions of a deer rifle, the standard design with the slower twist rate will not stabilize the heavier

projectiles, and even the .223 Remington can be a better choice.

THE SWIFT

The .220 Swift has been a topic of debate since its release in 1935. Again, Grosvenor Wotkins had a hand in the development (seeing a trend here?) of the world’s fastest cartridge, and in the midst of the Great Depression it broke all sorts of barriers. It’s fast—well over 4,000 fps—and that came at a price, namely eroded throats and worn barrels.

Much like the .22-250 Remington, using the .220 Swift in a high-volume shooting situation isn’t the best for the throat or rifling, as things heat up pretty quickly. And again, like the .22-250, the majority of rifles chambered for the .220 Swift use a barrel with a relatively slow twist rate—either 1:14 or sometimes 1:12. This twist rate was common for .22-caliber barrels of the era and will preclude the use of bullets much heavier than 55 grains, as they won’t be properly stabilized, and you’ll see those nasty keyhole marks on your targets.

AND THE WINNER IS?

So, which cartridge do you choose?

Like so many things in life, the answer is highly subjective and truly depends

on your hunting/target needs. If you’re looking at things from a purely practical viewpoint, the .223 Remington offers the greatest amount of flexibility and literal bang for the buck. It’ll check all the boxes and do so affordably.

But practicality isn’t always applicable, and some folks enjoy shooting a cartridge that’s either a nostalgic classic—in the case of the .22-250 Remington or .220 Swift—or one of the technological wonders designed to be cutting edge, like the .224 Valkyrie or the .204 Ruger.

I’ve settled on two: the .17 Hornet and the .22-250 Remington. The former chose me, after spending a week killing prairie dogs with a plethora of different cartridges, and the latter I chose as a much younger man, who believed he needed the velocity. I’ve had many opportunities to revise both choices—yet I have not—as I know both the rifles and cartridges very well, and they cover all the bases I need a small-bore cartridge to cover.

Be honest with yourself regarding hunting distances and game pursued, or if you’re looking for a target cartridge, assess your goals and needs and pick a cartridge that’s both available and accessible. You’ll probably make a friend for life. **GDTM**

THE ZION-15 SPR



**The Final Product May be Different*

The Zion-15 18" Special Purpose Rifle (SPR) pays tribute to the MK12 with a modern-day update which includes a 17" Free Float Handguard with integrated ARCA Rail, steel barrel nut, a B5 Systems Stock, and Grip, IWI 2-Stage Precision Match Trigger, and includes one (1) 30 round Magpul PMAG. Proudly manufactured and assembled at the IWI US facility in Middletown, Pennsylvania.

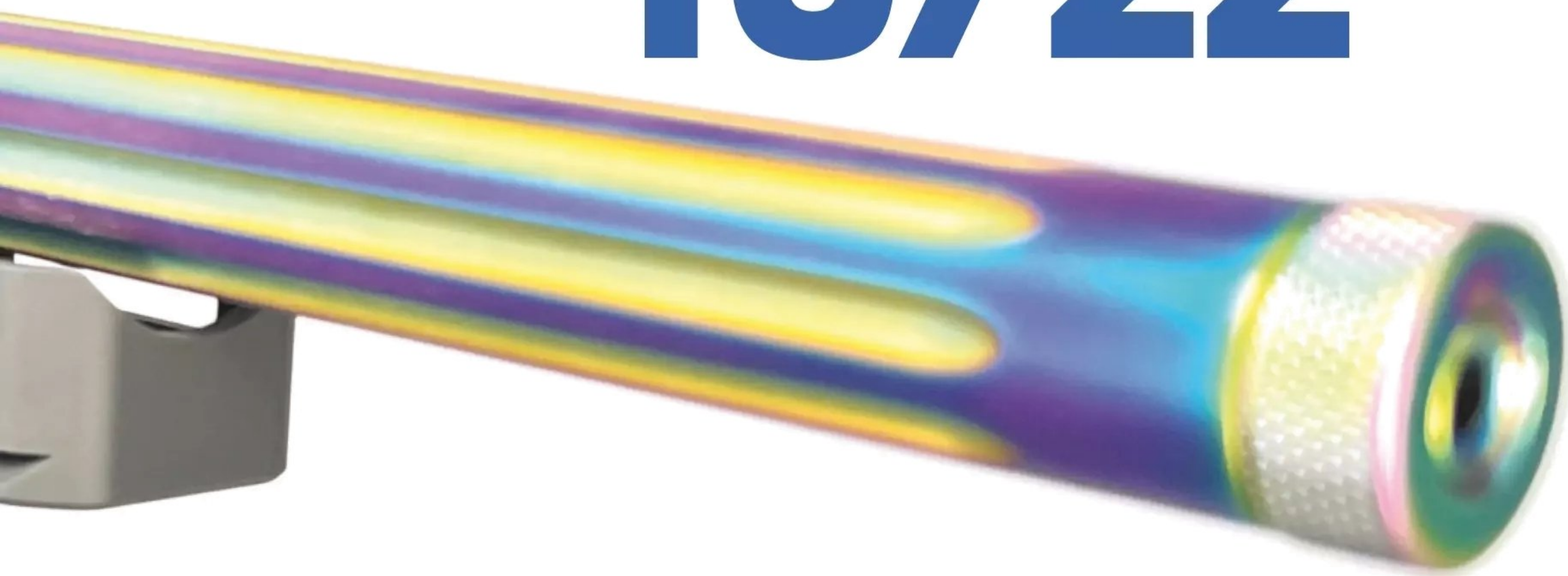
IWI.US



LEARN MORE



THE 'NOT A RUGER' 10/22



Building your own tack-driving 10/22 is easier than it's ever been.

In the era we currently live in, there are platforms that dominate, and one of the more interesting examples has occurred in the rimfire world, where one general family of products has become the flagship for the entire genre.

Ruger's 10/22 is a worldwide classic and one of those ubiquitous firearms that almost everyone and their brother (and sister, dad, uncle, etc.) owns. Unlike literally hundreds of other rimfire rifle designs that have come and gone with each passing season, the 10/22 platform has hung on, in my opinion largely because of its extremely reliable magazines.

The design was not originally some-

thing that was "modular," but in our day it has become the go-to platform for all things rimfire. You can build your own not-technically-a-Ruger "10/22" out of parts from many companies now; in a way, it has become to rimfire what the AR-15 did for centerfire.

But, before we get into the meat of what notable maker Faxon Firearms has done with it, we need to take a bit of a look at what got us to the place we are now at in rimfire modularity.

A FLEXIBLE DESIGN

If you've read my words long enough on the pages of *Gun Digest*, you'll know I like to keep things simple, and I don't really go

for the industry jargon unless I am made to, often begrudgingly. The thing with the 10/22 is that, while all these parts are compatible with one another, only Ruger guns can be called "10/22" in earnest.

Unlike the AR platform, where it's all pretty much open source and you can call it what you like, that 10/22 designation belongs to Ruger. As a result, all other parts, while compatible, are "for 10/22," "10/22 compatible" or otherwise designated. I do need to make note of that here because we are dealing with independent designs that are outside that Ruger copyright. What I am going to discuss here is what made the original Ruger 10/22 design suitable for becoming a platform—

and not just the product of the company that originally made it.

The main basis for an expanded aftermarket, in any firearms category, is popularity: think AR, Remington 700, and every other design that lends a particular dimension in physical size to expanded options. The AR is obvious and needs little explanation. The Remington 700

The Faxon build is decked out with a Sig 3-15x FFP scope, a great option for mid- to long-range plinking.

The Grey Birch Solutions chassis is configurable when you order it. There are several variations to choose from.

“footprint” is a wide-reaching standard across the industry and the base standard for virtually all custom actions in terms of receiver length and shape, as well as screw spacing and magazine inlet.

Some platforms are designed literally as a launch point, such as the Sig P320 and P365. The company in this case wanted to foster an aftermarket and openly welcomed these independent innovators to the point of including their products on their website as custom options.

MODULAR BY DEFAULT

The Ruger 10/22 was, as far as all research I’ve done on the topic, not intended to be a modular product. The ease of modularity comes from the construction of the gun, which is held together with just a few screws. The barrel isn’t even screwed into the receiver; instead, it’s held in with a V-block setup featuring two screws and a clamp that tensions to the barrel to the receiver. It takes all of a minute to install a barrel using this system.

The trigger assembly is a self-contained unit that includes the hammer, in a way similar to that of the M1 Garand or M14 rifles. The entire unit is held to the receiver by two pins. With the barrel and trigger group attached, the barreled action is simply lowered into the stock and secured by a single screw.

Some variants have a barrel band that encompasses the barrel and stock, though this is common to factory guns and is lacking from virtually all “custom” build options. A large reason here is that few aftermarket barrels follow the exact contour of Ruger factory barrels and, as a result, are incompatible.

The overall ease of changing parts on the factory 10/22 and its overwhelming popularity inevitably led to an aftermarket. This was initially slow and somewhat rigid as far as options. I remember when there were many types of cheap plastic kits you could use to “go tactical” with your 10/22, but there weren’t many options as far as actual new parts or triggers.

All that changed in the past decade, and there has been an ex-

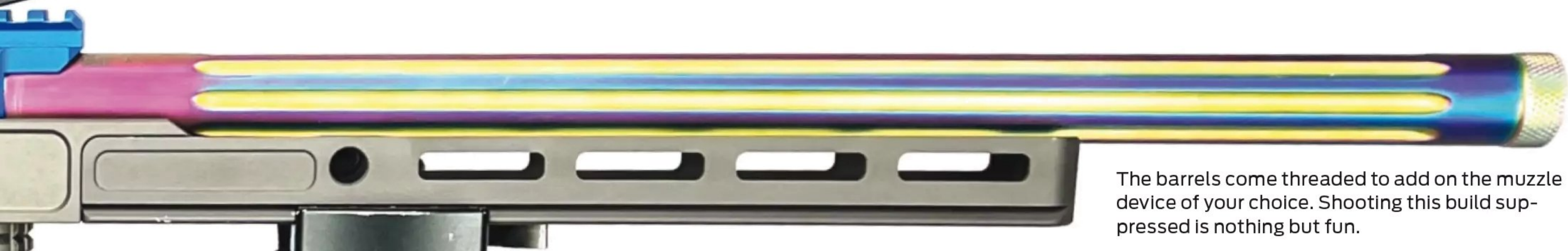




plosion of high-end parts available for the platform, to the point where you can build a parts-compatible complete rifle or pistol without any OEM Ruger parts. The aftermarket for the 10/22 is massive now, and there are new options available nearly weekly as the current trends go. Enter Faxon Firearms and their game-changing rimfire products.

FAXON GOES RIMFIRE

I'll be up front about the fact that I've worked with Faxon on many of their AR parts for years. I have yet to find a bad one, to the point that I heartily recommend them at every chance I get. I put thousands of rounds through a single .224 Valkyrie Faxon barrel and featured it in many articles on these pages. It shot



The barrels come threaded to add on the muzzle device of your choice. Shooting this build suppressed is nothing but fun.



The GBS chassis can accept a variety of AR-style grips, but not all "low back" options will work.

½-MOA all day ... in all bullet weights. Likewise, my experience in .450 Bushmaster, 5.56 NATO, .308 Win. and .350 Legend were all incredible, not to mention that their parts, bolt carrier groups and handguards are all excellent. I hadn't worked with their rimfire line until this

article, and I'll just spoil the end here by saying that these are some of the best barrels you can hope to find for your build. The rainbow heavy contour barrel featured on these pages is so accurate you'd think you were shooting a centerfire ... at 400 yards.

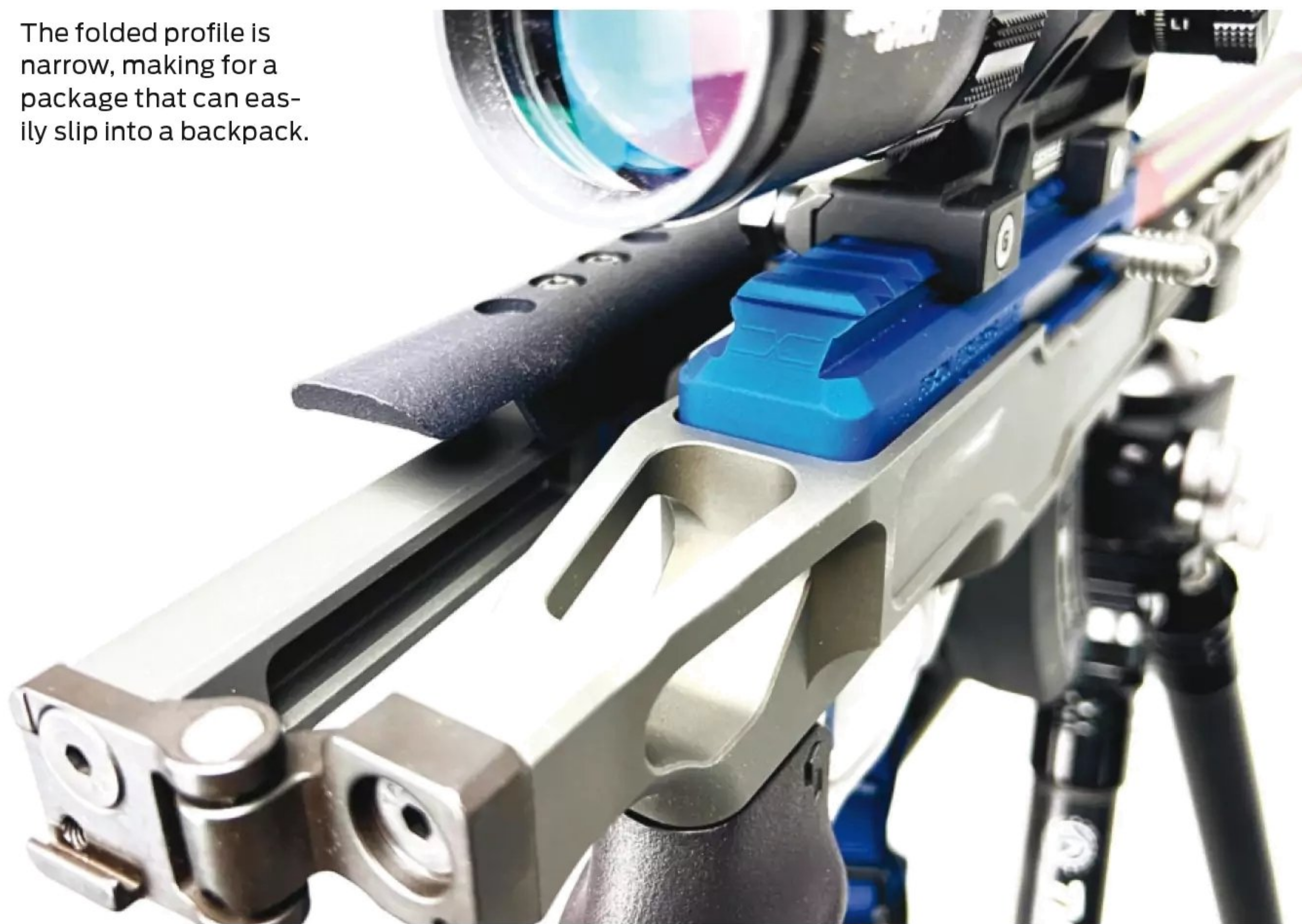
Faxon got into rimfire because there was an obvious demand for it. Many AR builders find the classic semi-auto rimfire as an excellent build project situation for the kids or a long weekend in the workshop. I know that the build bug has a strong bite, and once you begin seeing your options, you really can't stop at just ARs.

Faxon began making rimfire barrels in 2020, and soon other parts followed. The barrels started as the tapered standard option, and they sold extremely well. The idea was to make it an accessible rimfire line, and the emphasis was on maximum accuracy with the greatest appeal to the average builder—not just the match-grade elite.

The barrels have a sporter chamber, so they can accept virtually any and all .22 LR ammo (there is more than one .22 LR chamber profile, think .223 Rem., 5.56, Wylde, etc.). Faxon wanted people to be able to run Eley Match and Remington Bucket o' Bullets ... creating a chamber for all occasions, from long range to plinking, without sacrificing precision.

Receivers started rolling out shortly after barrels, and they offer drop-in compatibility with triggers and barrels. Other

The folded profile is narrow, making for a package that can easily slip into a backpack.



receivers are currently in development. I reached out to the company for some "cool" colors, because I do love my bold builds. These aren't tactical guns, won't be used for any mall ninja events and are really what I like to see when I think of having fun at any range. That's not to say that rimfire rifles can't be lethal, but the world is a rough place and sometimes just having fun is enough.

BARREL ROLL

Faxon currently offers 17 options in rimfire barrels. Sizes vary from pistol length to full size. Presently, the company plans to stick with .22 LR for the foreseeable future, though other calibers might come in the future. I'm

interested to see what these might be, though I'm pretty sure there's a limited selection available in that category—unless the company plans to release their own cartridge design.

I went to two extremes in accomplishing the article builds: one a fast and light barrel in gold meant for speed, and the other a heavy, thick stationary build for precision at longer ranges. I paired the heavy barrel in the rainbow color to the blue receiver and built out a stellar rifle that has wowed me with its accuracy. The light contour gold barrel went to the red receiver. This was intentional, as I wanted to make it have all the matched fire-themed colors in red, gold, orange and black. It turned out nice.

The accuracy of Faxon barrels is hard to argue against. At 50 meters, both of



Timney makes a variety of custom-color triggers, and even the trigger shoe can be adjusted to your preference.

The optic is an over 20-year-old rimfire scope that used to belong to the author's dad.

The KRG stock is affordable and can instantly add adjustability to your rifle.

The "Red" build complete with orange sling from Short Action Precision.

THE WORLD'S BEST MAGAZINE

ELITE TACTICAL
SYSTEMS



HARDENED STEEL FEEDLIPS AND FRAME
FACTORY RELIABILITY
SUPERIOR VISIBILITY

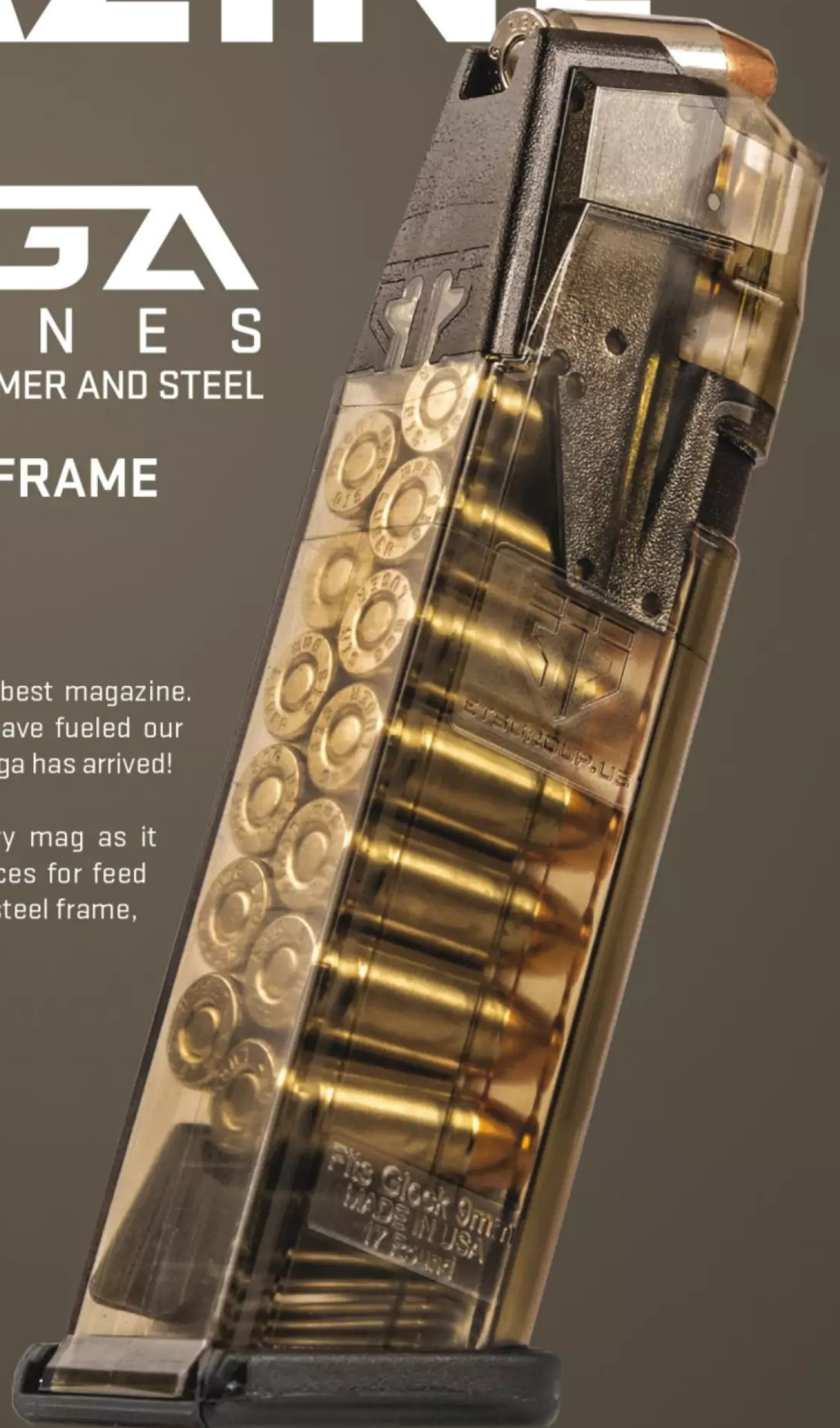
Our mission for the last decade has been to create the world's best magazine. Hard work, relentless testing, and invaluable customer insights have fueled our obsessive pursuit of magazine perfection. The pursuit is over—Omega has arrived!

The steel frame of Omega enables it to function like a factory mag as it reduces friction, increases stiffness, and maintains key tolerances for feed reliability. Moreover, the fusion of our legendary polymer with the steel frame, an industry-first, makes Omega superior to all other magazines.



**LIFETIME
WARRANTY**

WWW.OMEGAMAGS.COM



FAXON FIREARMS SUPPORTS COLLEGE PROGRAMS

Faxon currently sponsors three college teams: Michigan State, Oklahoma State and Florida State practical shooting teams. Some teams want the complete FX22 rifles, some request just barrels. I really love seeing this. I do wish more schools would get back into shooting sports, but I think we all know the universities today are less about thinking critically and more being critical about thinking.

these barrels shot to under an inch, with the lighter contour losing a bit of accuracy as it heated up. At 100 meters, the heavy contour barrel still printed an inch, which truly impressed me. I was achieving 2 MOA at 100 meters with the light barrel.

At 200 meters, the separation was obvious, with the heavy barrel producing centerfire accuracy of 2.5 inches using standard Remington Bucket o' Bullets ammo. It held 2 MOA with Eley Match loads. I eventually took the heavy blue gun to 400 meters and could keep every shot on an IDPA silhouette at that range ... if the wind cooperated.

STOCK OPTIONS

When it comes to stocks and triggers, you'll have to look to companies other than Faxon. My favorite trigger company for all things rimfire is Timney, and each of my feature rifles here is graced with one of their triggers. In fact, all of my rimfire

rifles in my stable have Timney triggers. There are many, many variants you can pick from, and I color-matched my Timney models to the theme of each of my rifles.

These triggers are incredible and truly are the choice for your builds based on customization alone. You can get exactly

the trigger you want without having to go through a custom shop, and the best part is that they drop in easily. There's no additional effort other than inserting two pins.

Stocks are plentiful for this platform. I decided to use two different brands, KRG and Grey Birch Solutions, for these builds. KRG is a known player in the industry: I've worked with their incredible centerfire products for the better part of a decade and have never had a bad experience. I currently run their stocks on several builds and love them.

The KRG stock is simple, affordable and offers a good degree of customization. I found out a little too late that they offered a red-colored stock I could've used, but the black with red accents was no consolation. What's nice is that these stocks are compatible with many of KRG's accessories, making for a truly competitive edge. You can add weights, extra rails, extend the length-of-pull and more—just as you can with a centerfire stock.

Grey Birch Solutions makes some absolutely topnotch stocks. Not only are they modular on their own, but they also offer the builder a match-grade solution to their rimfire problems. The stocks they make are constructed in much of the same manner as the best centerfire chassis currently available: solid metal with all the right features at a weight savings.

The forend I went with has an integral

ARCA rail, making it instantly accessible to my Two Vets tripod. The stock itself is a folder, akin to the mechanism used in many other high-end modern rifles. It's minimalist, solid and helps deliver maximum accuracy. Ergonomics are a bit skeletal, but this is by design; nobody wants to be carrying a 19-pound rimfire rifle, and weight adds up drastically when working in any medium associated with metal. It's not like riding in a Cadillac for comfort, but rather a sport bike.

YOUR GAME IS ON

Using Faxon receivers, barrels and bolts, you can craft some truly excellent rimfire builds based on the Ruger 10/22. I find this is such a fun thing to do that I have several, and I plan to build several more. I enjoy that Faxon makes these parts so affordable and at the same time accurate—your accessibility to all things rimfire is maximized in match shooting, field use and recreation.

We're at the cusp of an explosion in the rimfire market as the AR situation reaches peak saturation, the dollars and ideas simply must flow in a different direction lest we lose our way entirely. I think that the middle half of the '20s will be a golden age for rimfire rifles, especially the Ruger 10/22 and its growing aftermarket offerings. **GDTM**



The GBS chassis has the ability to fold, making for a compact setup.



HYDRAULIC RECOIL BUFFERS



KYLE LAMB
SPECIAL OPERATIONS SGM (R)
FOUNDER, VIKING TACTICS

**"KynSHOT IS
THE ONLY BUFFER
I RECOMMEND"**

**Reduces Kick
& Muzzle Flip.
Dramatically Improves:**

- Accuracy
- Clustering
- Dependability
- Shoulder Flinching
- Felt Recoil
- Service Life
- Stainless Steel Construction
- Conditional Warranty



KynSHOT has the recoil solutions
the firearms industry calls for,
and what all marksmen deserve.

- AR-15 Platform
- AR-10 Platform
- AR-9mm PCC
- Tactical Shotgun

5775 Big Tree Road, Unit 3, Orchard Park, NY 14127 USA
1-716-616-3630 • www.kynshot.com



CFE 223, as the name suggests, is a great general-purpose powder for the .223 Remington.



One case, one primer, one powder and four different bullets can deliver most of the loads anyone shooting a .223 Remington needs.



FOUR FOR THE TWO- TWO-THREE

Four .223 Remington loads, four applications, one primer and one powder.

The .223 Remington is one of my most used rifle cartridges, and I wanted to develop four loads for it that could be relied upon to do everything I need to do with that chambering. I wanted a load for varmints and small game, another for big game, one for tactical applications and one for precision on paper and steel. But—and here's the kicker—I wanted to keep it as simple as possible by only using one powder and one primer, and I wanted to do it all with moderate to high velocity and sub-MOA precision.

I began the project by looking over my .223 Remington load notes that go back more than three decades. I also talked with other handloaders, and then I compared reloading data from various manuals. Here's a look at what I ended up with, and I believe that these four, one-primer/one-powder loads,

might very well work for you and your rifles, too.

BRASS

I had a lot of .223 Remington brass on hand, but not more than a hundred or so empty cases from the same manufacturer, and I wanted to build these loads with duplicate components. Over the years, I've had great success creating consistent loads with Nosler brass, so that's where I started.

I ordered 500 new cases, and when they arrived, I weighed 100 of them and found the standard deviation to be less than a half-grain. The only case preparation I performed was to slightly chamfer the inside and outside of the case necks. Remember: The goal was to keep it as simple as possible.

PRIMERS

Primers can drastically impact pressure

and velocity consistency, and precision. Years ago, working at a ballistic lab with pressure testing equipment, I witnessed the same primer deliver pressure variations of as much as 6,000 psi, while only altering velocity by about 30 fps. More importantly, this resulted in a point-of-impact variation at 100 yards of more than 2 inches.

Primers matter a lot more than many shooters think. My notes indicated some of the best loads I have assembled for cartridges that use small rifle primers were put together with Federal small rifle primers. Fortunately, I had 1,000 of those.

POWDER

I like powders that meter consistently, especially when loading from a powder dispenser. This generally means ball/spherical powders. If you want to build loads with wide variance in



For a load you'll want to use on steel or paper, especially at distance, the Nosler 77-grain Custom Competition bullet is ideal. It does, however, require a 1:8 twist or faster.



Nosler's 50-grain Ballistic Tip bullet is ideal for predators or small game.



Though often thought of as antiquated, Nosler's 60-grain Partition bullet is excellent at defeating intermediate barriers, penetrates well and creates massive wounding.

bullet weight, it also means you need a versatile powder. You can consult load manuals, but it's easier to just visit Hodgdon's website to plug in the cartridge and the bullet weights you want to use and see what pops up. I did this for the .223 Remington, specifying 50-, 60-, 70- and 77-grain bullets, and eight powders were offered.

Over the years, I had used all but one of these powders in the .223 Remington. That one untested powder was CFE 223. I had heard lots of good things about CFE 223 in the .223 Remington, and though its burn rate is minutely slower than the other seven powders, I took a gamble. CFE stands for "copper fouling eraser" to highlight that the powder has been tweaked to deter copper fouling.

I cannot comment with any supporting definitive proof on how well this works, but my impression is that it does limit copper fouling. During the development of these four loads, which consumed more than 100 rounds, I never once cleaned my rifle's barrel, and precision only improved throughout the process.



Primers matter because they can deliver fluctuating results when paired with certain powders in certain cartridges. Federal's small rifle primers provide very consistent ignition.



In West Virginia, you can turkey hunt with any gun you want. This spring gobbler was taken at 239 yards with the 50-grain Nosler Ballistic Tip load.

BULLETS

This is where diversity with a cartridge happens, and it's especially true with the .223 Remington, which can be used successfully in so many different applications.

I chose the 50-grain Nosler Ballistic Tip, which is very volatile on small critters.

I've probably killed more big game with Nosler AccuBonds than any other bullet, so the 70-grain 0.224-caliber version seemed perfect for deer, black bears and hogs.

For tactical applications, many overlook the Nosler Partition, but these bullets do a great job against intermediate barriers.

And finally, for paper and steel, I chose the Nosler 77-grain Custom Competition.

THE DATA

With each load, I started 5 percent below maximum and worked up while watching for high pressure signs and keeping an eye on velocity. Because the chamber and magazine length of my New Ultra Light Arms rifle allows for it, I used a longer than normal overall cartridge length. I stopped when sub-MOA groups and practical velocities were consistent. Though velocity consistency was better with the lighter bullets—in some cases with single-digit standard velocity deviations—the combination of the Federal primer, Nosler Brass and CFE 223 powder was capable of producing excellent on-target precision with all four bullets.

A few things are worth noting. Out of my 22-inch barrel, the 50-grain load did not deliver near advertised veloci-

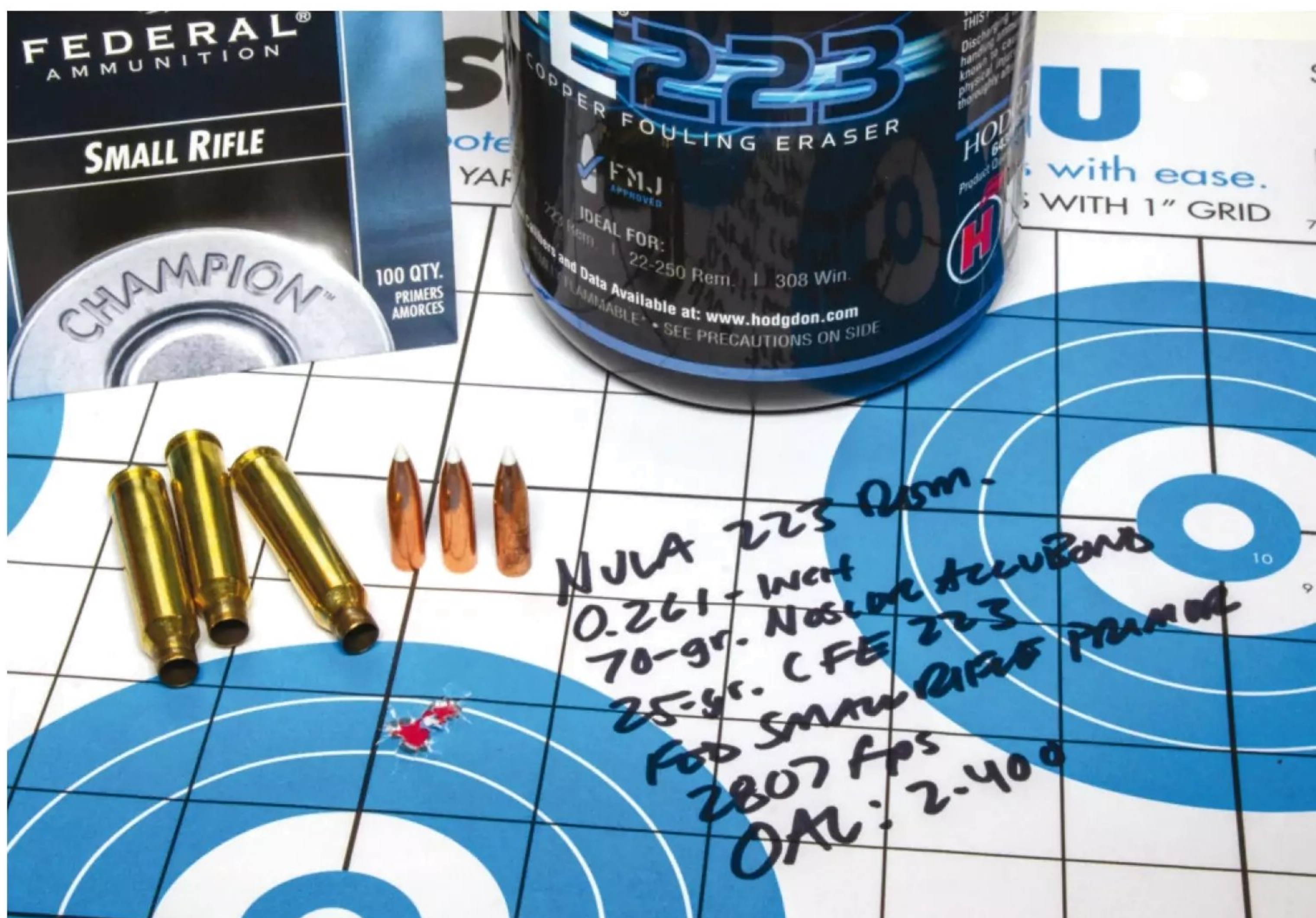
ties for a maximum charge. Also, many claim Nosler Partitions are incapable of extreme precision. However, if you kick up the throttle just a bit, they shoot better. This is especially true—and possible—in a modern bolt-action rifle, because .223 Remington load data is kept right at or below 55,000 psi. The Partition and the other three loads all delivered sub-MOA precision.

The remaining question was this: Would these four loads also work well in my 5.56 NATO chambered AR-15? I dropped all the loads to slightly below the maximum listed powder charge and reduced their overall length to 2.248 across the board to work with AR-15 magazines. CFE 223 powder does not crowd the case, so seating bullets deeper was a non-issue. Out of that rifle's 16-inch barrel, which also

has a 1:8 twist, velocity consistently was similar, and based on all the AR-15s I have tested over the years, precision on target was better than average ... with flawless reliability.

GOALS ACHIEVED

Initial terminal performance confirmation was conducted by shooting into blocks of Clear Ballistics. (See Table 2.) Last spring, I used the Ballistic Tip load to take a turkey gobbler at 239 yards (rifles are legal for turkeys in West Virginia). I also put a doe in the freezer with the Partition load, and a 200-pound whitetail buck on the meat pole with the AccuBond load. Both the Partition and AccuBond bullets will penetrate more than 16 inches and upset to about 1.7 times their original diameter. They are much deadlier on



Though from a velocity consistency standpoint it might seem that CFE 223 is not a good match for heavy bullets in the .223 Rem., this target would beg to differ.

Sub half-MOA accuracy was easy to obtain with Nosler's 50-grain Ballistic Tip and CFE 223 powder.



Some folks will tell you Nosler Partition bullets are not accurate. They're wrong. With the right combination of powder, primer and twist rate, they'll shoot with extreme precision.



The overall length and powder capacities for these four .223 Remington loads were reduced for compatibility with the AR-15, and they performed very well.



THE MOST VERSATILE COMPACT DROP-IN KITS FOR THE AR-15



RIGHT/LEFT FOLDING ADAPTERS



SCW STOCK OR BRACE



DFA UNDERFOLDER



MADE IN USA

DEADFOOTARMS.COM



DFA PISTOL KIT

CLAM
PACKS



For years, the standard ammo storage container was hard plastic boxes with a folding lid. These are nice but will set you back somewhere between \$5 and \$15 per. A few years ago, I stumbled on a neat ammo storage device called the AmmoBuddy. It's a simple clamshell-like clear plastic ammo holder that's compact, easy to access and keeps each round separate. And for the .223 Remington, these retail for about \$2.50 each. I've become addicted to these carriers because I like how I can slip one in my pocket, how they hold each round or empty case captive, and how easy they are to stack and label for different loads. Granted, if you are going to load in bulk, they might not make sense for all your ammo, but they are still extremely handy for trips to the field.

In fact, I now commonly transfer ammunition from factory packaging to an AmmoBuddy for convenience, especially for hunting. The company—Calmtainer—even offers these unique containers for a lot of other gear, such as batteries and toilet paper. And they even have one that encases a mouse trap.

big game than conventional wisdom and most hunters realize.

I do think there is some tweaking to do with the AR-15 loads; I might have left a little velocity in the powder can. But, as they are, and for both of my most-used .223 rifles, this collection of handloads is capable of handling any task I need to tackle with a .223 Remington, and all I need is one powder, one primer and four bullets to do it.

Handloading is an enjoyable pastime that will allow you to create loads not commercially available, while possibly saving a little money. And it's all much easier to do if you can use a single powder and primer. If you're looking for a stable of .223 Remington loads that will allow you to extract the most of what the cartridge can offer, these four bullets are a good start, and I suggest you give CFE 223 a shot. **GDTM**

The Calmtainer Ammo Buddy cartridge containers allow you to see the ammo that's inside them without opening. They're compact and stackable.



.223 REMINGTON LOAD DATA WITH CFE 223

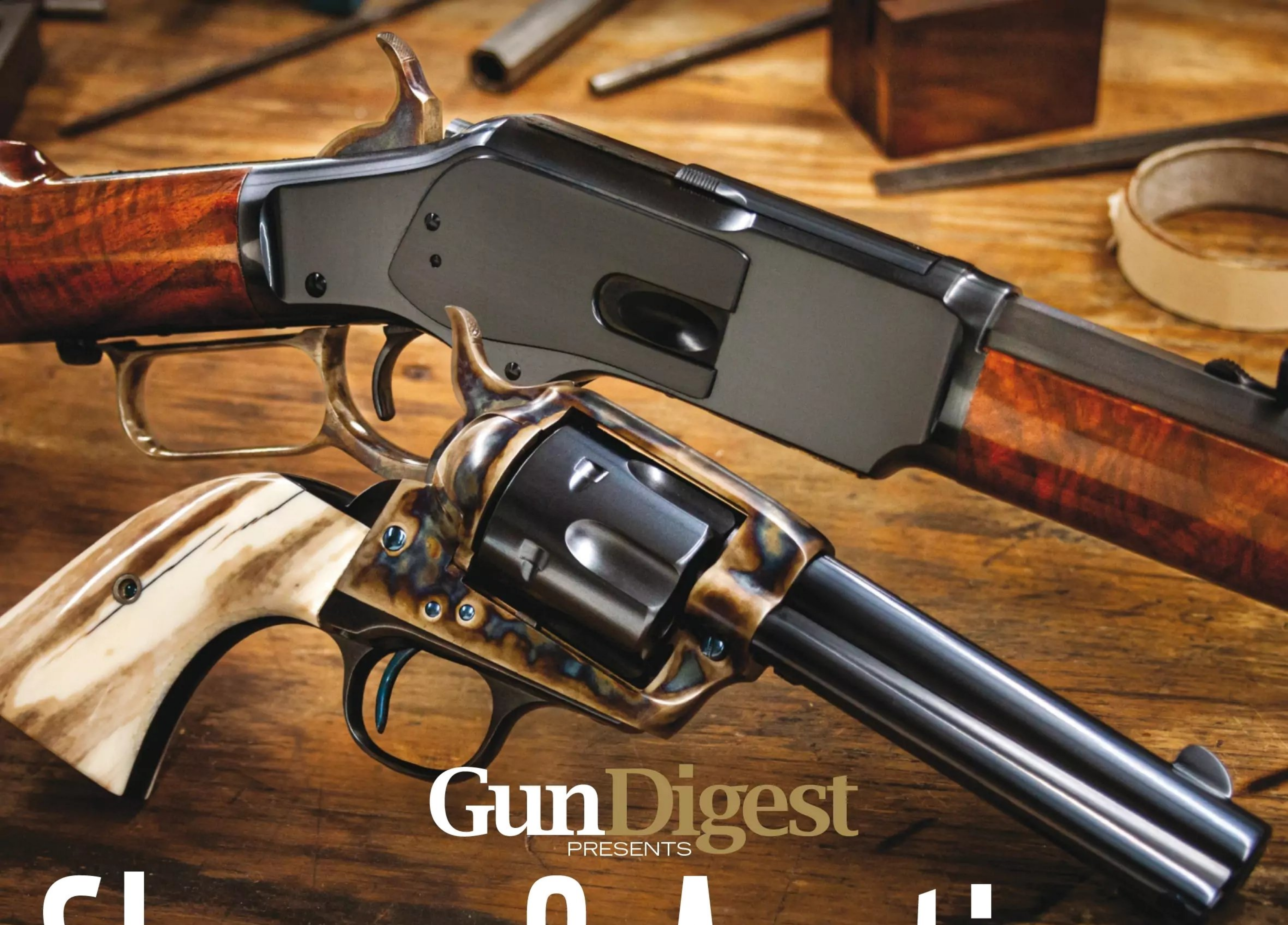
BULLET	CHARGE	OAL	VELOCITY	SD	PRECISION
Bolt-action rifle with 22-inch, 1:8 twist barrel					
50-grain Ballistic Tip	28.5*	2.294	3,245	04	0.504
60-grain Partition	27.0*	2.331	3,174	15	0.633
70-grain AccuBond	25.0*	2.400	2,807	30	0.561
77-grain Custom Competition	24.3*	2.400	2,680	33	0.598
AVERAGE: 0.574					
AR15 semi-automatic rifle with a 16-inch, 1:8 twist barrel					
50-grain Ballistic Tip	27.7	2.248	2,912	04	1.119
60-grain Partition	26.0	2.248	2,700	09	1.288
70-grain AccuBond	24.0	2.248	2,460	18	1.187
77-grain Custom Competition	22.9	2.248	2,240	29	0.971
AVERAGE: 1.141					

NOTES: Reported velocity and standard velocity deviation (SD) is the average for 10 shots fired over a Caldwell G2 chronograph with the screens set 10 feet from the muzzle. Reported precision is the average of three, three-shot groups fired from a sandbag rest at 100 yards.

TERMINAL PERFORMANCE TESTING

BULLET	VELOCITY	PENETRATION	RECOVERED
50-grain Nosler Ballistic Tip	3245	9.50	Fragmented
60-grain Nosler Partition	3174	19.50	0.394/45.6
70-grain Nosler AccuBond	2807	17.25	0.389/47.4
77-grain Nosler Custom Competition	- not tested -		

NOTES: Reported velocity is the average for 10 shots fired over a Caldwell G2 chronograph with the screens set 10 feet from the muzzle. Reported penetration and recovered bullet frontal diameter and weight are the average of three shots fired into blocks of Clear Ballistics at a distance of 50 yards.



GunDigest
PRESENTS

Shows & Auctions

LISTINGS ARE
FREE!

Simply go online to create
or manage your Gun Show Listing.
Login or Register to create an account

GunShows.GunDigestMedia.com

"YOUR ONE STOP GUN SHOP"
Showmasters
Gun Shows Inc.

P.O. Box 10277 Blacksburg, VA 24062
(540) 951 - 1344 | (540) 951 - 2344
info@ShowmastersGunShows.com
www.ShowmastersGunShows.com

*Visit our website for full show listings
ALWAYS CONFIRM DATES BEFORE TRAVELING!

MONROEVILLE CONVENTION CENTER
MONROEVILLE, PA

PITTSBURGH GUN SHOW

FEBRUARY 10 - 11, 2024

APRIL 6 - 7, 2024

HOURS: SAT 9 - 5 | SUN 9 - 4

Augusta Expo Center
Fishersville, VA

FISHERSVILLE GUN SHOW

JANUARY 27 - 28, 2024

APRIL 6 - 7, 2024

HOURS: SAT 9 - 5 | SUN 10 - 5

DULLES EXPO CENTER
CHANTILLY, VA

THE NATION'S GUN SHOW

DECEMBER 29, 30 & 31, 2023

FEBRUARY 2, 3 & 4, 2024

APRIL 19, 20 & 21, 2024

HOURS: FRI 3 - 8 | SAT 9 - 5 | SUN 10 - 5

www.TheNationsGunShow.com



RICHMOND RACEWAY COMPLEX
RICHMOND, VA

RICHMOND GUN SHOW

JANUARY 6 - 7, 2024

MARCH 16 - 17, 2024

HOURS: SAT 9 - 5 | SUN 10 - 5

OCEAN CITY CONVENTION CENTER
OCEAN CITY, MD

OCEAN CITY GUN SHOW

OC Adventurefest - Annual Show

SEPTEMBER 21 - 22, 2024

HOURS: SAT 9 - 5 | SUN 10 - 5

Firearm & Knife Show/Sale



MARLBORO, MA

Best Western Royal Plaza Trade Ctr

181 Boston Post Rd., Marlboro, MA

JAN 27 & 28

SAT 9-5 **500 TABLES** SUN 9-3

FINE COLLECTIBLE FIREARMS-CUSTOM KNIVES
MODERN RIFLES-HANDGUNS-SHOTGUNS-SWORDS
AMMO-ANTIQUE FIREARMS-PARTS-MILITARIA

- FREE PARKING

DEALER INFO: 914-248-1000

INFO & LARGER DISCOUNTS GO TO:
northeastgunshows.com

\$1 OFF ADMISSION W/AD

RUN GUNS



IT'S THE WYO WAY!

GunRunnerAuctions.com



PRESENTS OUR
**ANNUAL COWBOY
& INDIAN AUCTION**

FEB 3RD & 4TH 2024



3525 S. HWY 69/P.O. BOX 789, HUMBOLDT, AZ 86329 • P: 928.632.8000 • F: 928.632.0107
WWW.REATAPASSAUCTIONS.COM • MON - FRI 10AM - 5PM • GIGI GANGEL

High Caliber Gun & Knife Shows, Inc.



www.texasgunshows.com

Email: hicalsho@aol.com



Mary Bean • P.O. Box 2616, Alvin, TX 77512 • (281) 412-4824

Pasadena
TEXAS

Convention Center
300 Tables - \$90 Advance
January 6-7, 2024
February 3-4, 2024

Conroe
TEXAS

Lone Star Convention Center
300 Tables - \$90 Advance
January 13-14, 2024
February 17-18, 2024

Show Hours

Saturday 9 a.m. - 5 p.m.
Sunday 10 a.m. - 4 p.m.

Dealer Set-up

Friday 12 p.m. - 7 p.m.
Saturday 7:30 a.m. - 9 a.m.

FOR INFORMATION ABOUT

Tyler (TEXAS) **Belton** (TEXAS) **Ft. Worth** (TEXAS)
Harvey Hall Bell County Expo Center Will Rogers Center
Call: LSGS 214-636-2009



WWW.REATAPASSAUCTIONS.COM

FULL SERVICE AUCTION HOUSE
SPECIALIZING IN COLLECTIBLE FIREARMS



ALWAYS ACCEPTING QUALITY CONSIGNMENTS
E: INFO@REATAPASSAUCTIONS.COM
P: 928.632.8000 F: 928.632.0107
3525 S HWY 69, HUMBOLDT, AZ 86329

TRADER KEITH RIFLE STRAP
\$70 Call Now 800-338-3146



www.traderkeith.com

37th Year Anniversary

The Show of the Year
Feb 24, 25, 2024

THE SIZE OF "3" FOOTBALL FIELDS
* * * * IN ONE ROOM * * * *
IT'S GUN SHOW TIME!!!!

The Show of the Year
Feb 24, 25, 2024

PROCLAIMED
WHO'S WHO IN GUNS
(PRESENT AT SHOW)

CELEBRATE
WHO'S WHO IN GUNS

NATIONAL GUN DAY

"THE MONEY SHOW"

Feb 24, 25, 2024
KENTUCKY EXPO CENTER
LOUISVILLE KENTUCKY
1250 Tables (8 Ft.)

NO FLEA MARKET ITEMS
T-SHIRTS, JEWELRY, COINS
GUNS AND RELATED ITEMS "ONLY"

"BRING OUT YOUR BEST"
EXTENSIVE NATIONAL ADVERTISING
RADIO + TELEVISION + NEWSPAPER
SHOW HOURS: 9am to 5pm Sat.
9am to 3pm Sun.
SET-UP Hrs: 3pm to 8pm Fri.
(Dealers only)

Next Show: Louisville, KY
Sept 14, 15, 2024

ALERT!! ALERT!! ALERT!!
Please Read! Important!
National Gun Promotions LLC
has a new plan, The National Gun Day Shows
are being consolidated into TWO MEGA
Special Grand Extravaganza Collector Shows,
including modern guns and accessories, per Year.
Bigger and Better shows will bring in more
Collectors and the General Public.
Our next MEGA Show will be February 24, 25, 2024.
If you would like to part of this New Exciting Plan,
please send in your reservation NOW!
It is a WIN, WIN, for everybody!!
Everyone wants to see the **BIG ONE!**
I can't wait to say "It's Gun Show Time"

Gun Show Protection Union
Membership \$25 Donation

TRADE TABLE: \$135 E-mail: Ron-Dickson@nationalgunday.com
Send to: Ron Dickson, P.O. Box 741, Oxford, Ohio 45056 (Info (513)523-3574) No refund if cancelation is 7 days before show. www.nationalgunday.com

Charles Layson, KY

Nick Apergis, NC

Bob Axelrod, NC

John Crowley, ME

Dean Dillon, IL

Ken Hamilton, KY

Charles Hancock, TN

Bob Land, GA

Michael Zomber, CA

Randy & Annette Jones, AR

Kelly Ritter, IL

Joe Mazur, CAN.

Norm Vegely, MO

Walter Kanzler, FL

David Rachwal, OH

Brian Akins, TN

Don Crum, KY

John Thomas, OK

David Carroll, AL

Bud Clark, MI

Jennifer & Gary Gole, OH

Mickey Kiser, TN

Denny Stima, MI

Ralph Petrilli, OH

Larry Munther, NJ

Craig Zink, MI

Jim Behring, MI

Bob Allen, IN

John Korompilas, CA

Richard Binger, IN

Terry Stull, OH

Wayne Driskill, TX

George Everhart, OH

Al Vaccaro, NY

Fred Jolly, IN

Lloyd Jackson, AL

Larry Carpenter, TN

Vin Caponi, NY

O.C. Young, TX

Sam Abdalla, OH

Walter Crutcher, KY

Bob Allsop, Sr., MI

Bob Everhart, OH

Ed Birnbaum, GA

Dawn & Jim Scannapieco, NY

Tim Prince, TN

BUY, LOOK!



**TRADE
OR
SELL!**

INDY 1500 GUN & BLADE SHOW



***One of the Largest Gun and Knife Shows
East of the Mississippi!!!***

**INDIANAPOLIS
INDIANA STATE FAIRGROUNDS**
OPEN TO THE PUBLIC
HOURS: FRIDAY – 2-7 p.m.
SAT. 9 a.m.-6 p.m. SUN. 9 a.m.-4 p.m.

- DOOR PRIZES
- SPECIAL MOTEL
ARRANGEMENTS
- ESTABLISHED 1983

- EXTENSIVE MEDIA COVERAGE
- 24 HOUR SECURITY
- CAMPING HOOKUPS AVAILABLE
- RESTAURANT ON PREMISES

GUNS, KNIVES, SURVIVAL GEAR, SPORTING ARMS, MILITARY ARMS, ETC.

**INDY 1500
P.O. Box 14194
Oklahoma City, OK 73113**

**Phone: (405) 408-6197
Fax: (405) 478-0700
www.indy1500.com**

EXHIBITORS MUST ABIDE BY SHOW RULES AS WELL AS ALL LOCAL, STATE & FEDERAL LAWS.

JAN. 12, 13 & 14 MARCH 8, 9 & 10



300 TABLES
9-5 SAT
9-3 SUN

FOR SALE

AMMO - HANDGUNS - RIFLES - SHOTGUNS
JAN 6 & 7
GUN & KNIFE show/sale
STURBRIDGE, MA
STURBRIDGE HOST HOTEL & CONF. CENTER
366 MAIN STREET, STURBRIDGE, MA
SALE OF SPORTING GUNS - ANTIQUE & COLLECTIBLE
FIREARMS - AMMO - MILITARIA - HOLSTERS - BOOKS
KNIFE MAKERS & PURVEYORS - PARTS - SWORDS
APPRAISALS-BRING IN YOUR UNLOADED GUNS
FREE PARKING HOTEL: 508-347-7393 DEALERS ONLY 914-248-1000
LARGER ADMISSION DISCOUNTS GO TO:
northeastgunshows.com
\$1 OFF ADMISSION WITH AD
CHILDREN UNDER 12 FREE WITH PARENT

NORTH DAKOTA

Sep 6-7 ND, West Fargo. Red River Range Gun Show. Red River Regional Marksmanship Center, 640 16th St NE.

PENNSYLVANIA

Jan 20 PA, Greencastle. Franklin Co. Pa Izaak Walton League Gun & Sportsman's Show-Greencastle, PA. Winter Cabin Fever Gun Show, 3260 Sportsman's Road.

SOUTH DAKOTA

Dec 2-3 SD, RAPID CITY. Rapid City Firearms Association Gun Show. The Monument Civic Center, 444 W. Blvd. N.

Jan 13-14 SD, RAPID CITY. 33rd Annual Tom Wenn Memorial Winter Gun Show. Fine Arts Bldg., 800 San Francisco St.

TENNESSEE

Jan 20 TN, Knoxville. Knoxville TN: Smoky Mountain Gun Collectors Association Gun Show. Kerbela Shrine Temple, 315 Mimosa Ave.

Jan 21 TN, Knoxville. Knoxville TN: Smoky Mountain Gun Collectors Association Gun Show. Kerbela Shrine Temple, 315 Mimosa Ave.

Apr 6-7 TN, Crossville. Cumberland County Gun and Knife Show. Cumberland County Community Complex, 1398 Livingston Road.

Aug 3-4 TN, Crossville. Cumberland County Gun and Knife Show. Cumberland County Community Complex, 1398 Livingston Road.

UTAH

Mar 8-9 UT, Vernal. Vernal Gun and Knife Show. Uintah Conference Center, 313 East 200 South.

WISCONSIN

Feb 9-10 WI, Richland Center. Pine River Sports Gun Show. Richland Center Community Center, 1050 N. Orange St.

SHOW LISTING BY STATE

INDIANA

Feb 17-18 IN, Valparaiso. Gun & Knife Show. Porter County Exp-Center, 215 East Division Road.

Oct 5-6 IN, Valparaiso. Gun & Knife Show. Porter County Exp-Center, 215 East Division Road.

MICHIGAN

Jan 12-13 MI, Iron Mountain. USI Gun and Knife Show. United Sportsmen's Club, W7689 Sportsmans Club Road.

NEVADA

Apr 12-14 NV, Sparks. Big Reno Show. Nugget Resort Casino, 1100 Nugget Ave.

SHOW LISTING BY DATE

DECEMBER

Dec 2-3 SD, RAPID CITY. Rapid City Firearms Association Gun Show. The Monument Civic Center, 444 W. Blvd. N. SH: Sat. 9am-5pm, Sun. 9am-2pm. A: \$5.00 daily. Children under 12 free. T: 200. F: \$40.00 pre-paid 30 days before the show. \$45.00 thereafter. Rapid City Rifle Club. PO Box 1945, Rapid City, SD 57709. PH: 605-209-1166. www.rapidcityrifleclub.com.

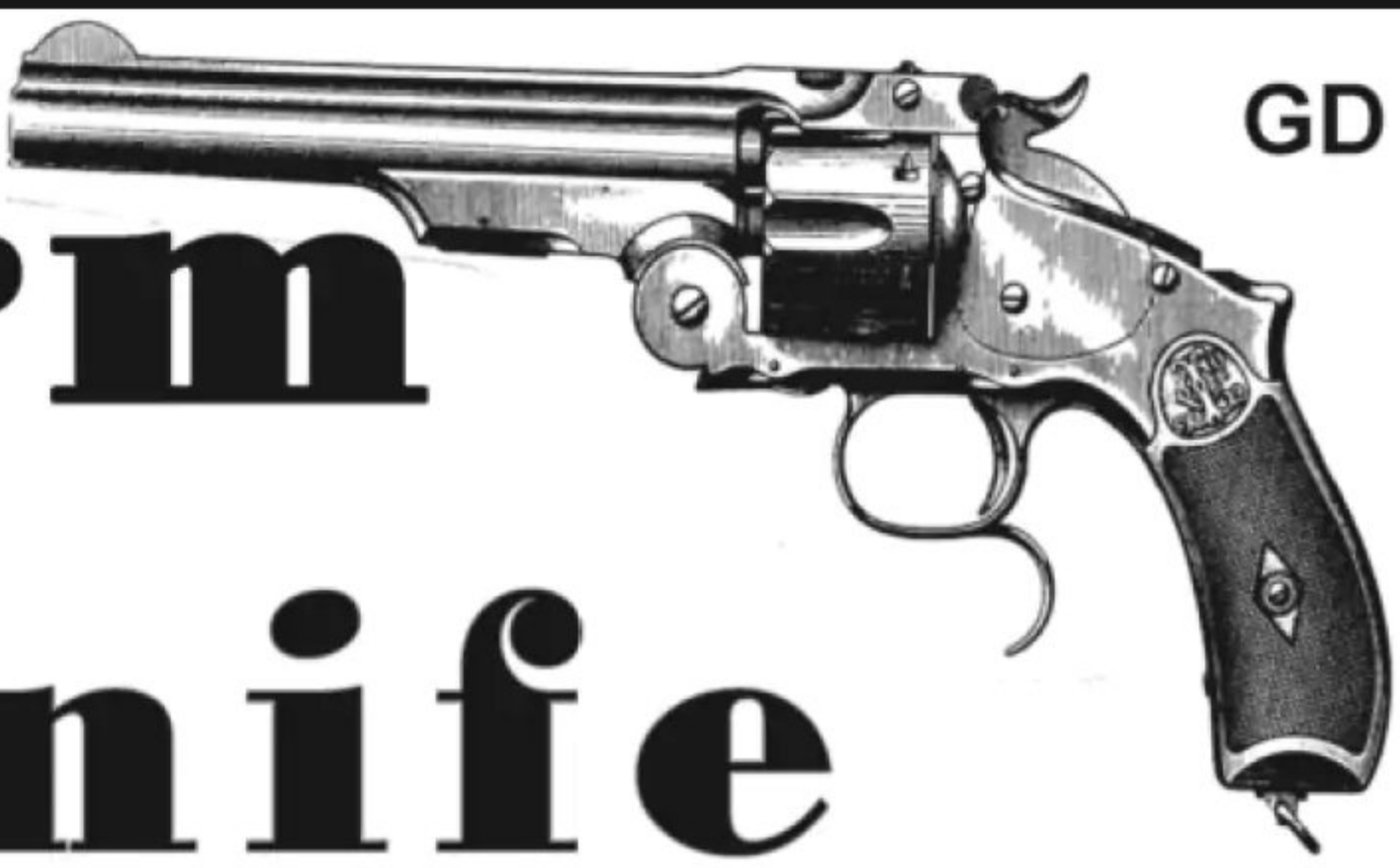
JANUARY

Jan 12-13 MI, Iron Mountain. USI Gun and Knife Show. United Sportsmen's Club, W7689 Sportsmans Club Road. SH: Fri. 3pm-7pm, Sat. 9am-3pm. A: \$5 - 12 and under free with adult. T: 75. F: \$25. United Sportsmen's Club. W7689 Sportsmans Club Road, Iron Mountain, MI 49801. PH: 906-774-3700. <https://www.unitedsportsmeninc.com>.

Jan 13-14 SD, RAPID CITY. 33rd Annual Tom Wenn Memorial Winter Gun Show. Fine Arts Bldg., 800 San Francisco St, South LaCrosse Street. SH: Sat. 9am-5pm, Sun. 9am-2pm. A: \$5 Daily. children under 12 free. T: 110. F: \$40.00 prepaid. Rapid City Rifle Club. PO Box 1945, Rapid City, SD 57709. PH: 605-209-1166. www.rapidcityrifleclub.com.

Jan 20 PA, Greencastle. Franklin Co. Pa Izaak Walton League Gun & Sportsman's Show-Greencastle, PA. Winter Cabin Fever Gun Show, 3260 Sportsman's Road. SH: Sat. 8am-3pm. A: \$6.00 adults. T: 70. F: \$25.00. Franklin Co. PA Chapter Izaak Walton League of America. 106 Greenleaf Rd, Chambersburg, PA 17202-3134. PH: 717-977-9240. 106 Greenleaf Rd..

Firearm & Knife



Show/Sale MIDDLETOWN

ORANGE COUNTY FAIRGROUNDS
239 Wisner Avenue, Middletown, N.Y.

FEB 17 & 18

SAT 9-5 325 TABLES SUN 9-3

**FINE COLLECTIBLE FIREARMS - CUSTOM KNIVES
MODERN RIFLES - HANDGUNS - SHOTGUNS - SWORDS
AMMO - ANTIQUE FIREARMS - PARTS - MILITARIA**

MORE INFORMATION
LARGER ADMISSION DISCOUNTS
PHONE AND DIRECTIONS GO TO:
northeastgunshows.com

\$1 OFF ADMISSION WITH AD
CHILDREN UNDER 12 FREE

CELEBRATING AMERICA'S FIREARMS HERITAGE!



The Heritage Series from Gun Digest is a tribute to America's long and fascinating firearms history. These limited-run, hardcover titles are just a few of the many great books and digital downloads brought to you by Gun Digest Books, the industry's No 1 firearms books publisher!

Order online at
GunDigestStore.com
or call 920.471.4522



SHOW
250 TABLES
9-5 SAT 9-3 SUN

AMMO - HANDGUNS - RIFLES - SHOTGUNS

JAN 13 & 14

GUN & KNIFE SHOW/SALE

MATAMORAS, PA

BEST WESTERN HOTEL - HUNTS LANDING
103 RUEBEN BELL DR., MATAMORAS, PA

FREE APPRAISALS - FREE PARKING
SALE OF SPORTING GUNS - ANTIQUE & COLLECTIBLE
FIREARMS - AMMO - MILITARIA - HOLSTERS - BOOKS
KNIFE MAKERS & PURVEYORS - PARTS - SWORDS

MORE INFORMATION

LARGER ADMSSION DISCOUNTS
PHONE AND DIRECTIONS GO TO:
northeastgunshows.com

\$1 OFF ADMISSION WITH AD
CHILDREN UNDER 12 FREE WITH PARENT

FEBRUARY

Feb 9-10 WI, Richland Center. Pine River Sports Gun Show. Richland Center Community Center, 1050 N. Orange St. SH: Fri. 3pm-8pm, Sat. 8am-3pm. A: \$5 admission, 12& Under Free With Adult. T: 70. F: 30. Pine River Sports Association. 29798 County Hwy TB, Lone Rock, WI 53556. PH: 608-604-9595. www.myprsa.org.

Feb 17-18 IN, Valparaiso . Gun & Knife Show . Porter County Exp-Center, 215 East Division Road. SH: Sat. 8am-5pm, Sun. 9am-3pm. A: \$6.00 children 12 & under free with Adult. T: 350. F: \$60.00 8ft.@ run of show . Dunes Rifle & Pistol Club L.L.C.. P.O. Box 345, 812 West Old Ridge Road, Hobart, IN 46342. PH: 219-942-4514. <https://valpogunshow.com>.

MARCH

Mar 8-9 UT, Vernal. Vernal Gun and Knife Show. Uintah Conference Center, 313 East 200 South. SH: Fri. 12pm-7pm, Sat. 9am-6pm. A: \$5.00 daily. T: 175. F: \$50.00. Friend of Buckskin Hills Shooting Complex. P.O.Box 790028, Vernal, UT 84079. PH: 438-247-2254. vkknifeshow@gmail.com.

APRIL

Apr 6-7 TN, Crossville. Cumberland County Gun and Knife Show. Cumberland County Community Complex, 1398 Livingston Road. SH: Sat. 9am-5pm, Sun. 9am-3pm. A: Saturday Admission is just \$5.00, youth under 16 Free. Sunday Admission is Free to all attendees.. T: 200. F: \$40 for 6' table with multi table discounts. Cumberland County. 1398 Livingdston Road, Crossville, TN 38571. PH: 931-484-5028. www.gkshow.org.

Jan 20 TN, Knoxville. Knoxville TN : Smoky Mountain Gun Collectors Association Gun Show. Kerbel Shrine Temple, 315 Mimosa Ave. SH: Sat. 9am-5pm. A: \$10.00 each day. T: 120. F: \$50.00. Smoky Mountain Gun Collectors Association, Inc. . P.O.Box 9251, Knoxville, TN 37940. PH: 865-333-4970. www.smokymountain-guncollectorsassociation.org.

Jan 21 TN, Knoxville. Knoxville TN : Smoky Mountain Gun Collectors Association Gun Show. Kerbel Shrine Temple, 315 Mimosa Ave. SH: Sun. 9am-5pm. A: \$10.00 each day. T: 120. F: \$50.00. Smoky Mountain Gun Collectors Association, Inc. . P.O.Box 9251, Knoxville, TN 37940. PH: 865-333-4970. www.smokymountain-guncollectorsassociation.org.

Apr 12-14 NV, Sparks. Big Reno Show .
Nugget Resort Casino, 1100 Nugget
Ave. SH: Fri. 9am-5pm, Sat. 9am-
5pm, Sun. 9am-3pm. A: \$15 one
day. \$24 all three days. \$90 early in
with exhibitor set up . T: 700. F: \$165
booths \$435. 1344 Disc Dr suite 800,
Sparks, NV 89436. PH: 775-828-
2350. Bigrenoshow.com.

AUGUST

Aug 3-4 TN, Crossville. Cumberland
County Gun and Knife Show.
Cumberland County Community
Complex, 1398 Livingston Road. SH:
Sat. 9am-5pm, Sun. 9am-3pm. A:
Saturday Admission is just \$5.00,
youth under 16 Free. Sunday Admis-
sion is Free to all attendees.. T: 200.
F: \$40 for 6' table with multi table
discounts. Cumberland County.
1398 Livingdston Road, Crossville,
TN 38571. PH: 931-484-5028. www.
gkshow.org.

SEPTEMBER

Sep 6-7 ND, West Fargo. Red River
Range Gun Show. Red River Re-
gional Marksmanship Center, 640
16th St NE. SH: Fri. 4pm-8pm, Sat.
8am-4pm. A: \$5.00 per day; 12
years and older. 11 and under free
with adult. T: 98. F: \$38. Red River
Regional Marksmanship Center. 640
16th St NE, West Fargo, ND 58078.
PH: 701-356-0677. rrrmc.com.

OCTOBER

Oct 5-6 IN, Valparaiso . Gun & Knife
Show . Porter County Exp-Center,
215 East Division Road. SH: Sat.
8am-5pm, Sun. 9am-3pm. A: \$6.00
children 12 & under free with Adult.
T: 350. F: \$60.00 8ft.@ run of show
. Dunes Rifle & Pistol Club L.L.C.. P.O.
Box 345, 812 West Old Ridge Road,
Hobart, IN 46342. PH: 219-942-4514.
Https://valpogunshow.com.

Wimer's Collectable Firearms

541-786-5823 Make payment to: George Wimer
PO Box 115 La Grande, Or. 97850

All guns Sold as Collector items.

HAPPY NEW YEAR!

Smith & Wessons:

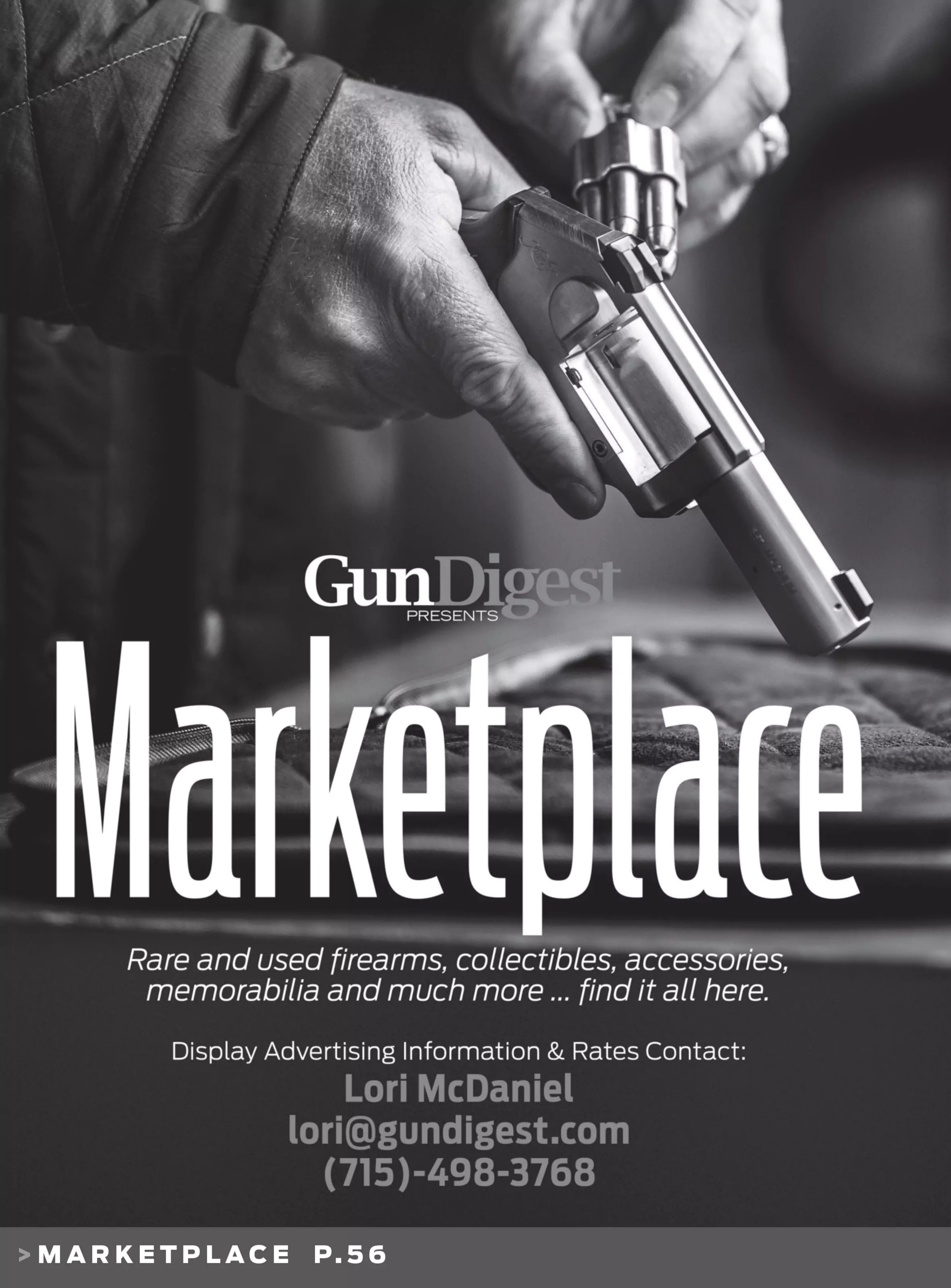
22LR Prewar Outdoorsman First Model #642,976 6"Bbl 5 Screw mfg 1932 99+%\$2995
22LR Prewar Outdoorsman First Model, "Humpback Hammer" #669,795 6"Bbl 1937 99.5%\$2995
22 LR Pre-Model 17 #30,945 6"Bbl 1948 Red-Bead King Sight 99%\$1495
22LR Mdl 17-2 #K652,889 6"Bbl mfg 1965 99.9% LNIB \$1495
22LR Model 43 Airweight Kit-Gun 3.5"inch #M38,805 NIB \$1695
32 Long Model 31-1 ".32 S&W Long #H-109,996 100%Blue NIB = \$1495
357 Combat Magnum"Pre"-19-Model, 4-Screw, 4"inch Bbl #K260,850 I do not have a S&W Letter Yet ! *Note*=
First-Year. This is The "Earliest" Pre 19 I've Ever Owned ! I Estimate This S&W was Shipped in the "Early
First Quarter" of 1955 ! Page 185 of my S&W Book; Says The 4 screw K Target Frame Began in 1955 at Serial
#K260,001. This S&W also has The (6 Six-Groove Backstrap & Forestrap) & The Factory Target Walnut
Stocks. The Model 19 was Built "Slightly Larger" than a Standard "K" Frame. Pg.185 THIS "IS" one of the FIRST
Block of Serial Numbers. 100% \$5995
357 Combat Magnum"PRE-Model"-19-Model, 4-Screw, 4"inch Bbl #K264,619 *NOTE* S&W Letter Shipped 10-11-
1956 to Jonas Arms & Aircraft NY,NY. Walnut Target Stocks, *Note*First-Year. The Factory Sold 5,000 Revolvers
& used up (the First Block of Serial numbers) = (K260,000 to K265,000) set aside for it's manufacturing with
Orders for this model, which were RESERVED in the First 6 Months of 1956. THIS "IS" one of the FIRST Block of
Serial Numbers. 99.9% \$5995
38 Special U.S. Victory" VIP-England-Conversion by Cosswell & Harrison LTD. 99%\$895
38 Special + P" Model 442, 2"inch "Airlite-Titanium" NIB \$1995
38 S&W Special Ctg. = 38/44 Heavy Duty"Pre-War" Blue 5 Screw 5"inch 62,207 With Police S&W Letter; Belt, +
Holster + more Leather. It has Mint Factory Checkered Walnut Stocks, with seial # 62,207... + Lanyard ring on
Butt of the pistol with # BCP239 etc...The Heavy Duty Production was only 11,111 made.. This 38 Special was
Shipped Oct. 25,1940 to Marshall Wells Co., Vancouver, BC. This Revolver was Ordered. for the British Columbia Police
Dept. and marked with their Property marking and a number.The S&W Letter also says that The .38/44 Heavy Duty
was designed to fire the .38 Special Super Police Loads. 99.8% LNIB \$5995
44 SPECIAL PRE-Model 24, Nickle 5 Screw, 6.5"inch S-146,5xx 3T's S&W Letter 100% NIB \$4495
44 Special Model 624 3"inch #ALV 15xx First Year Stnls-Steel'Target' Made1985-1988 100%NIB \$2495
44 Special Model 624 3"inch #ALW48xx First Year Stnls-Steel'Target' Made1985-1988 100%\$2295
44 Magnum Pre-29 Blue Early 5 Screw 6.5"inch BBL Red Front & White-Rear Adj. Sights This Beauty Is a
Very'Early "First-Year" Production" Serial # S-156,4xx 99.5% \$6995
45 ACP Revolver Pre-Model-22 Blue 5.5"Bbl Factory Letter#S-88,357 Shipped 5-2,1952 Rare Mint Condition LNIB \$4995
S&W 44 Magnum's "Consecutive Pair" Model 29-6 Blue, Gold, Factory Engraved . Both (Serial # 8 & Serial # 9)
are New in their Wood & Glass Display Case's With the Cardboard Sleeve box cover. Both have their own Factory
Letters. Only "137" Made. This "Consecutive", "Single"- "Digit" Pair of Collectable Firearms is a "True-
Rarity". Both shipped to Baron Technology Inc. Turnbull, Ct. 4"inch Light-Tapered Barrel, Blue finish & Goncalo
Alves Grips. With "Gold" Embellishments Both Are New in their Boxes \$15,000.

Miscellaneous - Pistols:

Astra Model 600/43 SN #44,5xx 9mm Parabelum Only 800 Made 1 of 800 M.R.P Portuguese Navy
COLT 45 ACP = Colt U.S.A.F. Air Force Model 1911 A-1 Mfg = Auto Ordinance Commemorative; Nickle & Gold 95%\$1395
Embellishments...etc..NIB with Display Case etc ... This USAF Commemorative has the Works =Gold Engraved
Left side = M 1911 A 1 & To FLY AND FIGHT with United States Airforce in Blue & Gold Emblem on Both Ivory
Grips. Gold clip release button, Screws, Trigger Safety Lever, & 18 SEPT. 1947. NIB \$4,995
High-Std G-380 "First Year" Production The 603rd Made ! 99%\$1095
Reising Target 22 LR SN#1,3xx First Year with Rod & Holster Only 3000 made 99%\$1495
Ruger 44 Mag / 44-40 = 2 Cylinders #87-00078 100% NIB \$3795
Ruger 44 Mag = Super BlackHawk #5,54x 99%\$1495
Ruger .45 Long.Colt. SN# 48-44,464 Ruger Blackhawk 5.5"inch 99+% \$1495
Sig Sauer Pistol 10"Barrel Cal .223/556 Nato; Model 556 99+%\$1795

Rifles:

Mannlicher Schoenauer Caliber .338 Winchester SN 34,0xx. Double-Set-Trigger, Original Stock LOP = 13 3/8", Stock
has Never been Cut; with an added Pad the LOP = 14 3/8". Also, Factory Tapped Receiver for a Scope. This is the
Last .338 Win Caliber I have. I saved the Very Best for the Last & for myself. 99.9% \$7995
Winchester Model 61 "Deluxe" .22 S, L, LR TakeDown Matching Serial # 215,6xx, Factory Checkered Forearm,
Buttstock & Grooved Receiver...Steel checkered Buttplate. etc.... 95% barrel blue 95% \$2495
Marlin Model 39 22S,L,LR. 24" Octagon-Barrel, Tube Mag. Open sights, Take-Down mfg 1920-ish "Early Multi-
Colored Case-Hardened Receiver, "S"Shaped Pistol Grip; Beautiful Bluing on the Barrel, Forend-Tip, Magazine-
Tube, Bolt-Hammer & Screws. Hard Rubber Butt-Plate. *Note* Earlier-Rifles with the "S" Prefix, are Noted for
their Superior Workmanship, and Fine Finish. This is one of them & it is; Gorgeous = Serial # S16,377 99.9% \$5,995



GunDigest
PRESENTS

Marketplace

*Rare and used firearms, collectibles, accessories,
memorabilia and much more ... find it all here.*

Display Advertising Information & Rates Contact:

Lori McDaniel

lori@gundigest.com

(715)-498-3768

LARGEST FULL LINE COLLECTOR'S FIREARM SHOP IN THE MIDWEST

Simpson Ltd

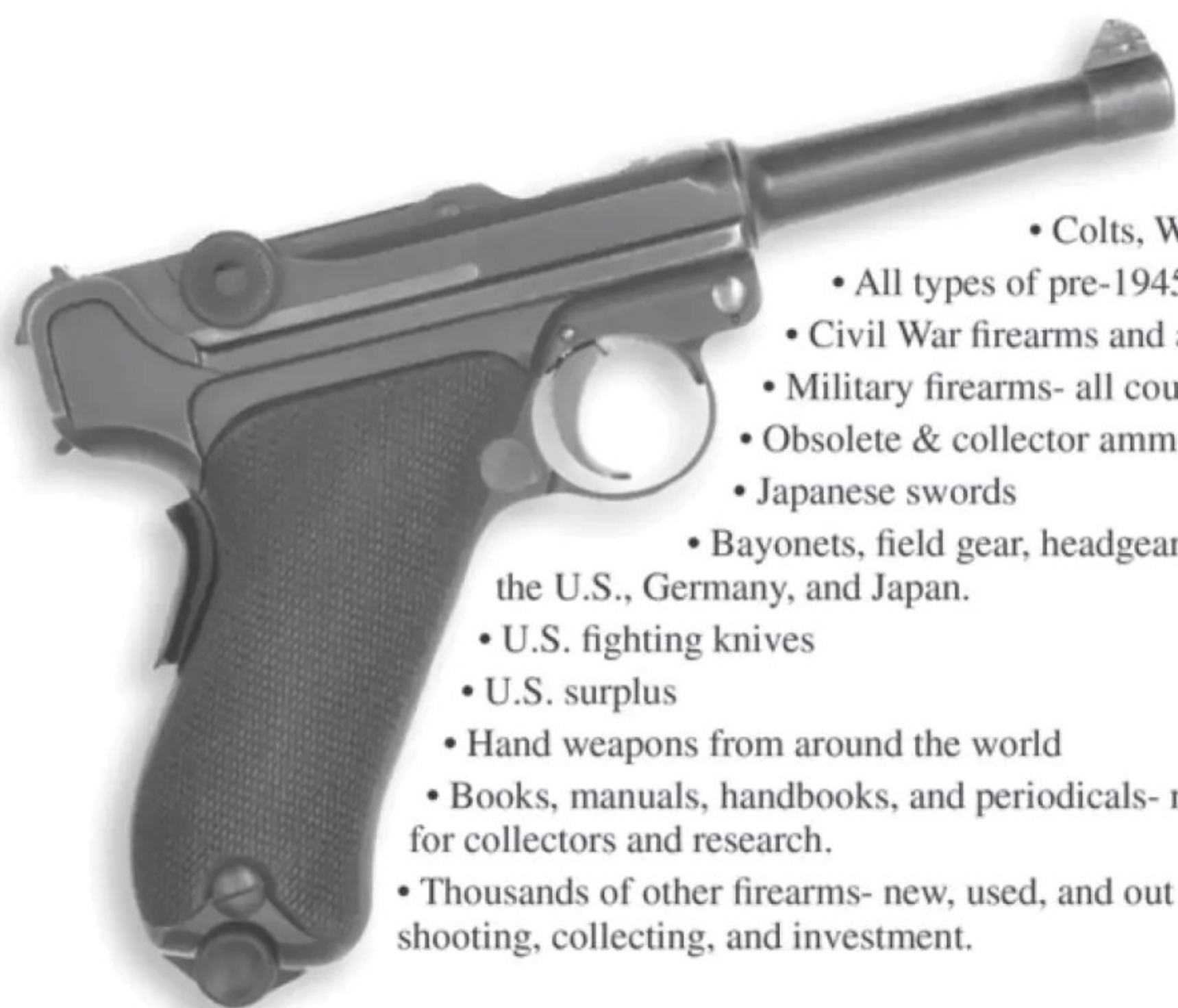
Shop www.simpsonltd.com 24/7 or stop by our showroom from 1pm to 6pm Tuesday – Saturday.

We are conveniently located cross from the Amtrak Depot at 140 S. Seminary St. Galesburg, IL 61401.
Call (309) 342-5800 or email sales@simpsonltd.com (Tuesday-Friday 10am-6pm, Saturday 1pm-6pm)
Fax (309) 342-5730 / CLOSED SUNDAY AND MONDAY

10,000 gun inventory, accessories, militaria, and a host of services!

Services include appraisals (individual or collections), low fee consignments, local transfers, imports and exports, and collection and estate pickup in the U.S. Sorry, we do not offer parts or gunsmithing.

Visit www.simpsonltd.com (updated Tuesday-Saturday) to see our entire inventory of:



- Visit our Luger room!- our specialty- hundreds in stock
- Colts, Winchesters, S&W, fine American & European Doubles
- All types of pre-1945 collector firearms
- Civil War firearms and accoutrements
- Military firearms- all countries, all periods
- Obsolete & collector ammo
- Japanese swords
- Bayonets, field gear, headgear, daggers, insignia, swords from the U.S., Germany, and Japan.
- U.S. fighting knives
- U.S. surplus
- Hand weapons from around the world
- Books, manuals, handbooks, and periodicals- new, vintage and rare printed materials for collectors and research.
- Thousands of other firearms- new, used, and out of production- for hunting, shooting, collecting, and investment.

**FIREARM BOOKS,
MANUALS,
HANDBOOKS
& PERIODICALS**

*TRAINING RIFLES
OF THIRD REICH GERMANY*

**NOW
AVAILABLE**

**IMPORT &
EXPORT
SERVICES**



GUN SHOW

TEXAS GUN & KNIFE ASSOCIATION

2024 SHOW DATES

January 20-21 • ABILENE Convention Center

February 10-11 • Fredericksburg Fair Grounds

February 24-25 • KERRVILLE Expo Hall

March 9-10 • AMARILLO Civic Center

Show Hours; Saturday 9-5; Sunday 10-4

Like us on Facebook!

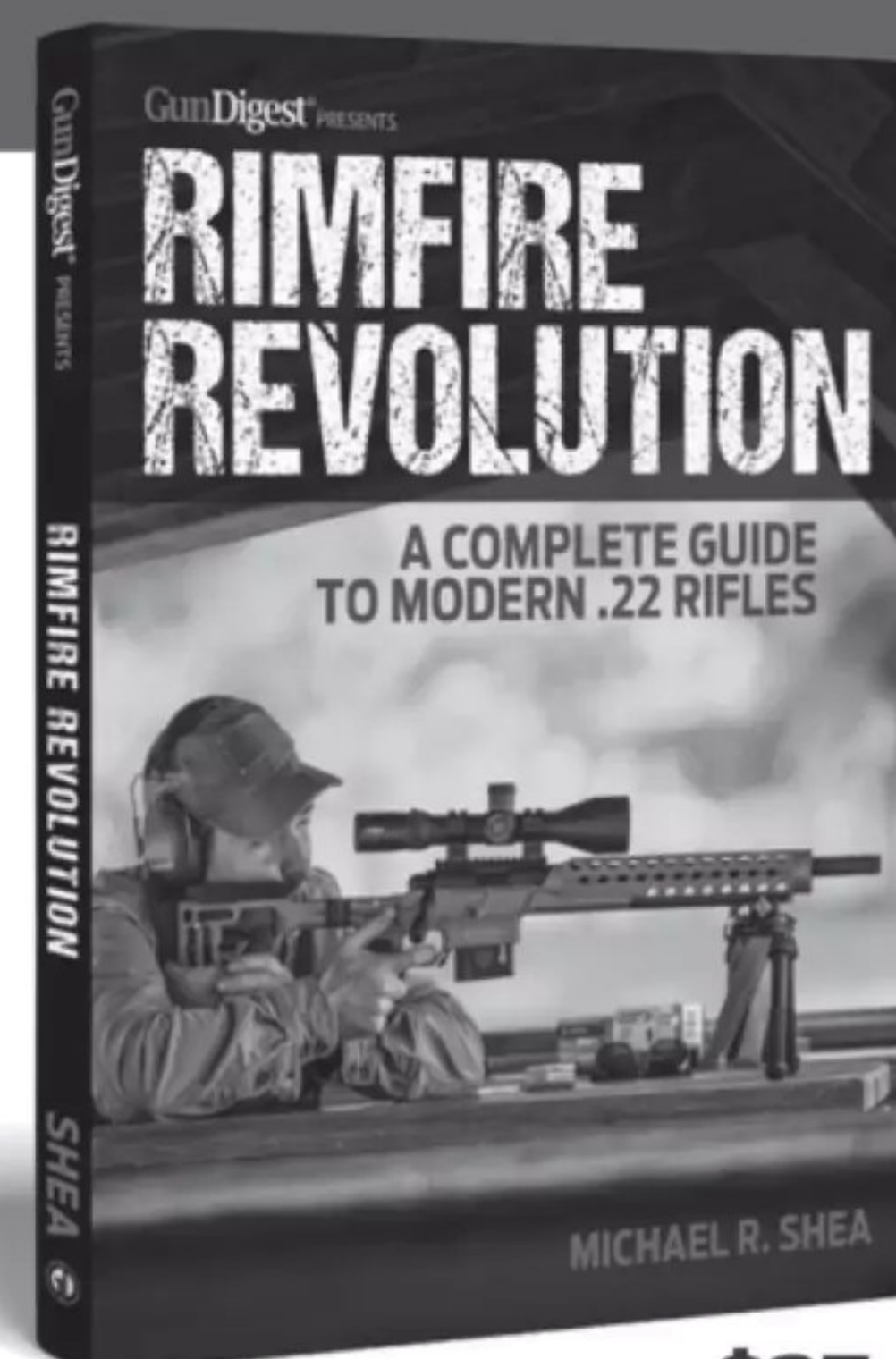
Dealers call Janice Hill:
(830) 285-0575

www.texasgunandknifeshows.com

Thank you for your continued support.

Praying all
are healthy
and safe.

The NEW Bible on Rimfire Rifles!



\$37.99

Product No. R8113

Order online at
GunDigestStore.com
Or call **920.471.4522**

RUBEN MENDIOLA

DEALERNFA, INC. SINCE 1985

PO Box 566300, Miami, FL 33256-6300, 305-271-3436

TOLL FREE: 866-NFA-WANT (866-632-9268), **FAX:** 866-415-7066, **CELL:** 786-256-6746 for pics or text,
EMAIL: Ruben@dealernfa.com, **HOURS:** 8am-9pm Eastern, 7 days a week

WANTED!

ALL TYPES OF LEGAL MACHINE GUNS!



NO COLLECTION TOO LARGE GENEROUS FINDER'S FEES GLADLY PAID!

Estate and Machine Gun Appraisals!
Before selling your guns, please call me and make
sure you are getting the most for them!
Consistently providing Excellend and Discreet Service
& fairly priced high quality machine guns since 1985!

Attorney available for trust or estate matters.

**** WE PAY UP FRONT ****

100% of the agreed price before you ship your guns!
You will never have to wait until I sell your guns in
order to be paid!

100% risk, worry & hassle free transactions!
Avoid the uncertainty of consignment or brokering.
Specializing in investment grade transferable
machineguns.

Specialist in law enforcement purchases and cashless trades!



OVERNIGHT FUNDING!

I pay the ATF tax & do all the
paperwork! I provide shipping
supplies, heavy duty container
& pay S&H!

www.dealernfa.com

ALWAYS PAYING TOP DOLLAR!

RUBEN MENDIOLA

DEALERNFA, INC. SINCE 1985

PO Box 566300, Miami, FL 33256-6300, 305-271-3436

TOLL FREE: 866-NFA-WANT (866-632-9268), **FAX:** 866-415-7066, **CELL:** 786-256-6746 for pics or text,
EMAIL: Ruben@dealernfa.com, **HOURS:** 8am-9pm Eastern, 7 days a week

100s OF MACHINE GUNS ON SALE!!

Colt M16, M16A1, M16A2, 614, AR15 conversions, DIAS, Auto Links, all types and configurations.

HK MP5, MP5K-PDW, HK33, G3, HK51, HK21, Sear, Double Push Pin & Registered Receiver Guns.

HK Registered Machine Guns Sears.

Thompsons, Colt 21 & 28, WWII Savage & Bridgeport M1 & M1928 & Commercial Guns, Reising's, M2 Carbines, M3 Grease Guns, FNC, Ruger 556, AK47, MP40, MP44, Stens MKII, S&W 76, MK760, M10 45ACP & 9mm, M11 9mm & .380.

Maremont and Rock Island M60 & M60E6. Belt Fed 1919A4, 1917A1, Browning M2HB .50 Cal, FightLite MCR060 Belt Fed Uppers for AR15 or M16 Platforms.

Extremely Rare Museum Quality Very Early Presentation Colt 1918 BAR

Pre-May Sales Samples Available only to Dealers.

HK MP5, MP5K, HK33, HK53, Steyr AUGs, FN FAL, BAR, UZI Full Size & Mini, M3 Grease Guns, Thompson, Walther MPK & MPL, Beretta 93R LNIB & SC70, Restricted Post Sample: Glock 18

We are Always in the Market to Purchase Quality Machine Guns. We will never sell guns until they have been received and inspected. My staff and I welcome prospective clients to come and inspect the firearms they are interested in purchasing in our state of the art, high security facility. We are dedicated, full time dealers with a full-time staff. Every item we offer for sale is in stock and owned by us. We are not brokers, or a consignment store. We send every HK conversion to Terry Dyer for inspection and upgrade.

PLEASE VISIT OUR WEBSITE FOR THE FULL LIST OF INVENTORY SPECIALS WITH A DEALER YOU CAN TRUST!



WE PROVIDE THE BEST QUALITY GUNS ON THE MARKET.

www.dealernfa.com

ALWAYS PAYING TOP DOLLAR!



PACK AND POSTAL CENTER

210 Mill Street, Lancaster, MA 01523-2046

Tel. (978) 368-0910 — Fax (978) 368-3326

3-Day Inspection Satisfaction Guaranteed.

Current GUN LIST now available online

www.PackAndPostalCenter.com



\$25.00 shipping for long guns (Fedex ground insured, adult signature required) and handguns (United States Postal Service, Priority, insured, adult signature)

3% restock fee for items paid with charge card. All firearms sold as "used" collector items only. We do not test fire or guarantee suitability for live firing.

PISTOLS AND REVOLVERS

- 1-A Argentine Army "D.G.F.M.-F.M.A.P. .45 ACP Model 1927 Sistema Colt" Auto Pistol** 5" replacement barrel with good but lightly frosted bore, 98%+ arsenal rebuild or restoration blue that looks original, some pin prick pitting can be seen on top of slide, fixed sights, excellent Walnut checkered grip panels, slide and frame show matching serial numbers and barrel shows "NAM CO SAM", right side of slide shows the Argentine Army seal and marked "Ejercito Argentino", left side of slide is marked "D.G.F.M.-F.M.A.P)", comes with one commercial magazine, excellent function, collector quality (C&R)\$985
- 2-A Bernardelli .25 ACP "Vest Pocket" Auto Pistol** 2" barrel with excellent bore, fixed sights, 97% original blue showing light pepper pin prick pitting along left side of slide, black checkered Bakelite grips with logos on each side, positive thumb safety, magazine disconnect safety, comes with three magazines, two standard 5 round magazines and one original 8 round extended magazine with finger rest, excellent function, manufactured 1951 (C&R) \$450
- 3-A Colt .22 LR "Huntsman" Model Auto Pistol** 4 1/2" barrel with excellent bore, 98%+ original blue with light muzzle wear, fixed sights, checkered Walnut grips, bottom magazine release, comes with one original magazine, excellent function, last year of production, manufactured in 1977 (C&R)\$600
- 4-A Colt .22 LR "The Woodsman 1st Series" Target Model Auto Pistol** 6 5/8" barrel with mint bore, 98% original bright blue showing light peppery pin prick pitting on frame, light high edge wear along slide and at muzzle and thinning to brown tone along front and backstrap, light discoloration on frame toward barrel, adjustable front and rear sights, mint checkered Walnut grips, original Colt magazine with metal follower, excellent function, manufactured 1940 (C&R)\$1175
- 5-A Colt .22 LR "Woodsman Sport" Auto Pistol** 4 1/2" barrel with mint bore, 98%+ original bright blue, 1/8" ramp blade partridge front sight and fully adjustable target style rear sight, minty checkered Walnut thumbrest grips, bottom release magazine marked "Colt .22 LR", made in 1975 as a 3rd series, collector quality (C&R)\$850
- 6-A Colt .32 ACP "Model 1903 Pocket Hammerless" Auto Pistol** 3 3/4" barrel with good lightly pitted bore, 99% original nickel finish with light scratch marks, fixed sights, mint original hard rubber Colt grips, comes with Colt two tone magazine that has "67507" scratched into left side, excellent function, manufactured 1916, collector quality (C&R)\$845
- 7-A Colt .22 Short "Civil War Centennial" Cased Set of Two Single Shot "Revolvers"** 6" barrels with mint bores, 99% original blue with gold tone frames, mint smooth Walnut 2 piece grips, 5/8 scale models of an 1860 Army revolver made as .22 short single shots to celebrate the 100th year anniversary of the Civil War, comes in their original blue and gray flip top case, made in 1961, excellent function, collector quality (C&R)\$635
- 8-A Colt 32-20 WCF "Police Positive Special" Double Action Revolver** 4" barrel with mint bore, 98%+ original blue, fixed sights, checkered hard rubber grips with Fluer-de-lis pattern with Colt in an oval at top, collector quality, excellent function, manufactured 1921 (C&R) \$875
- 9-A Colt .38 Special "Detective Special" Double Action Revolver** 2 1/2" barrel with mint bore, fixed sights, 98%+ original blue, original checkered Walnut grips, excellent function, collector quality, manufactured 1973 (C&R)\$950
- 10-A Colt .38 Special "Officers Model Target" "Heavy Barrel" Pre War Double Action Revolver** 6" heavy barrel with bright excellent bore, 95%+ original blue thinning to gray along barrel and high edges, adjustable front and rear sights, checkered backstrap and checkered service hammer and trigger, mint checkered Walnut grips with silver Colt medallions, collector quality, excellent function (C&R)\$825
- 11-A CZ .32 ACP "Model 50" Single / Double Action Auto Pistol** 3 3/4" barrel with excellent bright bore, fixed sights, 95% original blue with some holster scuffing, hammer drop safety, loaded chamber indicator, excellent serrated black plastic grips, finger rest magazine, excellent function, import marked on frame (C&R)\$355
- 12-A French / St. Etienne 8mm "Model 1892" Double Action Revolver** 4 1/2" barrel with good bright bore showing light pitting, fixed sights, 85% original blue thinning to gray with some silvering along high edges and peppery pin prick pitting throughout, checkered Walnut grips, 6 round fluted swing out cylinder, excellent function, manufactured 1892-1970 (C&R) \$725
- 13-A Harrington & Richardson .22 LR "Model 686" Double Action "Western Style" Revolver** 12" barrel with mint bore, 98% original blue with 95% case colors showing on large size "Rice" frame, target sights, one piece Walnut grips, excellent function, manufactured 1980-1986, super looking\$555

- 14-A Harrington & Richardson .32 S&W Short Hammerless Top Break "Bicycle" Revolver** 2" solid rib barrel with excellent bright bore, 97% original blue with light scratches on frame, fixed sights, excellent target logo checkered black hard rubber grips, trigger does not return all the way back after firing, shell lifter does not lift all the way (C&R)\$105
- 15-A Heckler & Koch 9mm "VP 9" Clip Feed Auto Pistol** 4" barrel with mint bore, matte black finish on steel slide and mint black polymer frame with ambidextrous controls, picatiny acc rail, customizable grip, loaded indicator on both rear and extractor, tritium sights, comes with (3) 10 round magazines, original black plastic hard case, original papers and cable lock, like new\$765
- 16-A High Standard .22 LR 1st Model "Sports King" Auto Pistol** 4 1/2" barrel with mint bore, 95%+ original blue with some thinning to gray at muzzle, front and back strap, fixed sights, checkered reddish brown plastic original grips, comes with one 10 round original magazine with aluminum follower, manufactured 1950 (C&R)\$350
- 17-A Ruger .22 LR "Model Single Six" 3 Screw Double Action Revolver** 5 1/2" barrel with bright excellent bore, front blade sight, drift adjustable rear sight, 97%+ original blue with areas of light thinning, replacement grips, excellent function, manufactured 1956 (C&R)\$425
- 18-A Ruger .22 LR "Old Model Single Six" 3 Screw Single Action Revolver** 5 1/2" barrel with nice bright excellent bore, 95% original blue with light thinning to gray along barrel and nice mild plum patina on frame, front blade and drift adjustable rear sights, checkered black plastic grips with Ruger medallion, excellent function, manufactured 1957 (C&R)\$450
- 19-A Ruger .44 Magnum "New Model Super Blackhawk" Single Action Revolver** 7 1/2" barrel with mint bore, front serrated sight, adjustable rear sight, 98% original blue, like dragline on unfluted cylinder, smooth Walnut grips with silver Ruger medallions, excellent function, manufactured 1975\$785
- 20-A Ruger .45 Colt "New Model Blackhawk" Single Action Revolver** 7 1/2" barrel with excellent bore, 98% original blue, front blade sight, adjustable rear sight, smooth Walnut grips with silver Ruger medallions, excellent function, manufactured 1991\$725
- 21-A Ruger .357 Magnum "Model GP 100" Double Action Revolver** 4" full lug barrel with mint bore, front serrated dovetail sight with adjustable rear sight, stainless steel finish, 6 shot fluted cylinder, black rubber grips with rosewood center, excellent function, tight lock up and timing, manufactured 1988\$725
- 22-A Smith & Wesson .22 LR "Model 17-2" "K-22 Masterpiece" 3 Screw Target Revolver** 6" ribbed barrel and pinned barrel with mint bore, 95%+ original blue and case colors, partridge front, adjustable rear target sight, target hammer and serrated target trigger, revolver shows 2 scratches along left side of barrel and light loss of blue at muzzle and high edge wear on cylinder, German eagle nitro proof markings on barrel, cylinder, frame and ejector rod, early Walnut checkered target grips with small speed loader cutout and diamond around the escutcheon screw, manufactured 1962 (C&R)\$600
- 23-A Smith & Wesson .38 S&W Special "Model 14-3" "K-38 Masterpiece" 3 Screw Double Action Revolver** 8 3/8" solid rib pinned barrel with bright excellent bore, 98% original blue with light wear along cylinder, frame and barrel shows light scratches, 90% case colors shows on semi target hammer and serrated trigger, front blade adjustable rear sight, checkered Walnut target grips with speed loader cutout and silver S&W medallions, excellent function, manufactured 1970-1971 (C&R)\$850
- 24-A Smith & Wesson .38 Special "Military and Police" Post War Pre Model 10 Revolver** 2" pinned barrel with mint bore, (5) screw frame, 1/2 moon front sight, matching numbers on barrel, cylinder, butt and right grip, 99% original blue and bright case color, excellent checkered Walnut square butt grips with diamond at escutcheon, S&W silver medallions and some light denting on edges of butt, "C" prefix serial number, matching magna grips, excellent function, collector quality, made in 1950 (C&R)\$1055
- 25-A Smith & Wesson .38 Special "Model K-38 Combat Masterpiece" (Pre Model 15) Revolver** 4" pinned barrel with mint bore, (5) screw frame, all matching number including excellent diamond center "magna" style checkered Walnut grips, factory target sights, 98% original satin blue with a light "drag line" on cylinder, 95% case colors, excellent function, made in 1952 (C&R)\$1000
- 26-A Smith & Wesson .41 Magnum "Model 57" 3 Screw Target Revolver** 6" heavy pinned rib barrel with mint bore, 98% original blue, 95% case colors on target hammer, target trigger, front serrated ramp with red insert, adjustable rear sight, book matched checkered Walnut target grips with speed loader release cut and gold color S&W medallions, excellent function, manufactured 1978\$1250

CONTINUED ➡

PACK AND POSTAL CENTER Tel. (978) 368-0910

27-A Smith & Wesson .45 ACP "Model 1917/1937 Brazilian Contract" Revolver 5 1/2"
 pinned barrel with excellent bright bore, 90% scratchy original blue taking on a brown
 tinge on barrel, fixed sights, all matching numbers in the 200,000 correct serial range,
 importer stamped over barrel serial number but still readable as matching, 90% dark
 case colors, very good+ checkered Walnut commercial style matching grips with silver
 S&W medallions, excellent smooth function, one of the better 1937 Brazilian contract
 revolvers, lanyard at butt, inventory number on backstrap (C&R)\$900

28-A Smith & Wesson .45 ACP "Model 1950 Target" Revolver 6 ½" pinned barrel with excellent bright bore, all matching "S" prefix serial numbers on metal, factory target sights, (5) screw frame, 85% original blue going brown and graying on sideplate, excellent but later S&W logo target Walnut grips, excellent function, pre model 22, manufactured 1952 (C&R) \$825

29-A Smith & Wesson .357 Magnum "Model 60-18" 3 Screw "Chiefs Special" Revolver 5" solid rib barrel with bright excellent bore, stainless steel finish, service hammer and smooth trigger, pinned ramp front sight with red insert, adjustable rear sight, black rubber boot grips with finger grooves and S&W logo, internal lock, missing key, excellent function, manufactured 2011-2012\$685

30-A Smith & Wesson 9mm "Model 59" Auto Pistol 4" barrel with mint bore, 99% original blue and black anodized finish on slide and alloy frame, mint black nylon checkered grips with S&W logo, serrated front and rear grip straps, front serrated ramp and rear adjustable sights and a slide mounted safety/de-cocker, comes with one factory magazine stamped 9mm/S&W/A on its floorplate, manufactured 1977-1978 \$600

31-A Walther 9mm Parabellum "Model P-38" "AC-42" WW-II Clip Feed Auto Pistol
5" barrel with bright excellent bore, 95%+ arsenal blue with areas of thinning along barrel, black bakelite grips, Waffenamts "359" marked on frame and slide, comes with one Waffenamts "359" magazine, magazine shows peppery pin prick pitting, excellent function (C&R) \$1120

CENTERFIRE RIFLES:

32-A Brazilian-Uno 7mm "Model 1908" Mauser Bolt Rifle 30" barrel with fair but pitted bore, barrel shows 95% blue with scattered pin prick pitting, bolt and receiver show bright white, receiver ring has a nice Brazilian national crest, front inverted "V" sight with protected barrel cap, tangent rear sight graduated to 2000 meters, floorplate, triggerguard, barrel band, bayonet nose cap all show thinning blue with scattered light peppery pin prick pitting, all matching numbers including stocks, steel buttplate is in the white with heavy pin prick pitting, smooth Walnut semi pistol grip stock and handguard shows light normal use dings and dents (C&R)\$795

33-A British Enfield .303 British "MK III" Clip Feed Bolt Rifle 25 ½" barrel with good light pitted bore, early black enamel paint shows 70%+ chipping away along all metal surfaces, protected front post with tangent rear sight, excellent smooth Walnut stock, forend and handguard, left side of stock has number "38" in white paint, comes with white sling and one magazine, collar at wrist marked "G.R.I./1950", manufactured 1950 (C&R)\$750

34-A British Enfield .303 British "No. 4 MK II" Clip Feed Bolt Rifle 25" barrel with excellent bore shows very light pitting mid barrel, factory sights, 95% black enamel paint, smooth Walnut straight grip stock, forend and handguard showing light dings and dents, brass buttplate, comes with one magazine, bolt marked "SC", excellent function (C&R)\$485

35-A Finnish 7.62x54R "Model 91/24" "Lotta" Mosin Nagant Bolt Rifle 32" barrel with good lightly pitted bore, 90%+ arsenal blue showing thinning to gray at muzzle, high edge wear along receiver, pinned front blade with tangent rear sight, barrel has early Civil guard marking and "SA" in a rectangular cartouche, hardwood straight grip stock shows scratches, dings and dents, bolt and internal magazine base is not serialized to rifle, excellent function (C&R) \$645

36-A Finnish Captured / Russian / Tula 7.62x54R "Model 91/30" Bolt Rifle 29 1/2"
 barrel with good pitted bore, 85%+ arsenal blue finish with thinning to gray along high edges, barrel shows Tula mark over "1932/D" and left side of receiver marked "SA" in a rectangular cartouche, barrel shows import mark, original protected front post sight, tangent rear sight, hardwood straight grip stock and handguard wood, non matching serialized parts, manufactured 1932 (C&R)\$600

37-A Finnish / Tikka 7.62x54R "Model 27" Mosin Nagant Bolt Rifle 28" barrel with good pitted bore, factory sights, 95%+ arsenal blue finish, barrel base marked with Tikka Arsenal mark over serial number over "1934", small import mark on muzzle, birch straight grip stock with round "finger" joints, handguard also birch, comes with cleaning rod and gray canvas sling, non matching numbers, manufactured 1934 (C&R) ... \$710

38-A German / Amberg 8mm Gewehr "98" WW-I Bolt Rifle 30" barrel with poor bore, finish mostly thinning blue to gray with scattered pin prick pitting, inverted "V" front post, tangent rear sight, non matching serialized parts, two piece Walnut stock, handguard, steel buttplate, cleaning rod and leather sling, receiver ring marked with crown over "AMBERG/1916", left side of receiver "Mod 98", light import mark on right side of muzzle, manufactured 1916 (C&R)\$825

39-A Harrington & Richardson 45/70 "Commemorative Officers" Model 1873" Trapdoor Rifle 26" round barrel with mint bore, 98%+ original blue and case colors, front blade sight with tang peep sight, checkered Walnut straight grip stock showing some light scratches, bottom of stock shows circle "P" cartouche lock, lever and side plate all nicely scrolled engraved, crescent buttplate shows 98%+ case colors, comes with light colored cleaning rod, like new, excellent function\$1100

40-A Harrington & Richardson 45/70 "Commemorative Officers" Model 1873" Trapdoor Rifle 26" round barrel with mint bore, 98%+ original blue and case colors, front blade sight with tang peep sight, Springfield Buckhorn rear sight, checkered Walnut straight grip stock showing some light scratches, bottom of stock shows circle "P" cartouche lock, lever and side plate all nicely scrolled engraved, crescent buttplate shows 98%+ case colors, comes with light colored cleaning rod, like new, excellent function\$1100

41-A Ishapore .303 British "No.1 MK 3" Bolt Rifle 25" barrel with bright excellent bore, 85%+ arsenal blue finish thinning to gray, import mark on right side of receiver, all matching numbers, collar marked "R.F./1987.Bo1 MK3", smooth Walnut stock, forend and handguard, comes with one magazine, excellent function (C&R)\$575

42-A Ishapore / Enfield .303 British "Model No.1 MK III" Clip Feed Bolt Rifle 25" barrel with good pitted bore, 70% arsenal blue showing gray on high edges, protected front post sight, barrel band and tangent rear sight, Walnut stock with "ISA" and broad arrow in a circle cartouche, forend wood and handguard all show dings and dents, comes with one magazine, collar shows crown over "G.R.1/Ishapore/1941/SHT LE/111", manufactured 1941 (C&R) \$645

43-A Lithgow Enfield .303 British "No. 1 MK III" Clip Feed Bolt Rifle 25" barrel with fair bore shows moderate pitting, 80% blue to gray with brown paint covering most metal surfaces, protected front post, tangent rear 2000 meter sight, Walnut straight grip stock, forend wood and handguard all showing wear dings and dents, buttstock shows Lithgow logo stamped on right side, collar is marked with Lithgow shield and "Lithgow/SHTLE/III*/1922" (C&R) \$650

44-A Polish Radom .22 LR "Model WZ4822" Training Bolt Rifle 25" barrel with bright excellent bore, 90% arsenal blue finish showing thinning on receiver and at muzzle, front barrel band is gray as well as high edges along protected front post, tangent rear sight graduated to 100 meters, bolt serialized to rifle and shows trace of blue, straight grip Walnut stock and handguard show dings and dents, steel buttplate showing high edge wear and not serialized to rifle, excellent function, barrel marked at base with Radom "11" in an oval over "1955", manufactured 1955 (C&R)\$285

45-A Russian 7.62x54R "Model 91/30" Mosin Nagant Bolt Rifle 29" barrel with fair bore, 75% original blue thinning to gray, barrel shows "Tula Arsenal" over "1937/N", receiver marked "Made/USSR", protected front post, tangent rear sight, smooth hardwood stock and forend handguard, excellent function, comes with canvas sling and cleaning rod (C&R) \$450

46-A Russian / Izhevsk 7.62x54R "Type 44" Mosin Nagant Bolt Carbine 20" barrel with bright excellent bore, protected front sight, tangent rear sight, 98% arsenal blue, folding triangular bayonet, smooth hardwood straight grip stock and handguard are all matching, barrel shows import mark, barrel marked with Izhevsk Arseanl cartouche and dated "1947r", collector quality (C&R)\$600

47-A Russian / Tula 7.62x54R "Model 91/30" Mosin Nagant Bolt Rifle 30" barrel with bright excellent bore, 98% original arsenal blue finish, laminated hardwood stock, protected front post, tangent rear sight, import mark on receiver, bolt serialized to rifle, magazine plate not serialized to rifle, receiver ring shows Tula arsenal mark over "1944", has cleaning rod, excellent function, manufactured 1944 (C&R)\$525

48-A Savage / Enfield .303 British "No.4 MKI" Clip Feed Bolt Rifle 25" barrel with bright excellent bore shows light pitting towards muzzle, 98% arsenal blue finish, receiver shows "U.S. Property" mark on left side of receiver is import mark, collar marked "S" over "1942", straight grip Walnut stock, forend and handguard, forend above magazine well on left side is scratches with initials "JWH", original factory sights, sling swivels and buttplate, excellent function, manufactured 1942 (C&R) \$975

49-A U.S. Government National Postal Meter .30 Cal. Model M-1 Arsenal Rebuild Auto Rifle 18" Marlin barrel with a bright excellent bore, protected front post, milled rear adjustable sight, type 3 "Al" bayonet lug, parkerized original finish, Walnut low wood pistol grip stock with ordnance cartouche on right side and "A.A.L." on left side, flat op bolt, steel buttplate, comes with one "SW" marked magazine, green nylon sling, magazine pouch marked "Victory 1943" and oiler. excellent function (C&R)\$2100

50-A Yugoslavian 7.92x57 Zastava "Model M48A" Bolt Rifle 23 1/2" barrel with bright excellent bore, 98%+ original blue, protected front hooded sight, tangent rear sight graduated to 2000 meters, Yugoslavian crest on receiver ring, Elm wood stock and handguard, stainless steel cupped buttplate, original sling, cleaning rod intact, excellent function. manufactured 1950-1964. mint military surplus rifle (C&R) ...\$750

51-A Yugoslavian 7.92x57mm "Model 48" Mauser Bolt Rifle 24" barrel with mint bore, 98%+ original blue, bolt in the white, original protected front inverted "V" post sight and tangent rear sight graduated to 2000 meters, receiver ring shows crisp Yugoslavian crest and "M48", cleaning rod, original sling, laminated hardwood semi pistol grip stock, stainless steel buttplate, all matching numbers (C&R)\$750

RIMFIRE RIFLES:

52-A Belgium Browning .22 LR "Grade I Model 22" Takedown Butt Tube Feed Auto Rifle
19 1/4" barrel with mint bore, front blade once barrel mounted scope base with attached Weaver V22-A 3-6x scope, scope has duplex reticle, clean clear optics, 98% original blue, light pin prick pitting on right side of receiver, checkered Walnut pistol grip stock and forend, black serrated buttplate, excellent function, manufactured 1971 (C&R)\$1200

CONTINUED →

PACK AND POSTAL CENTER Tel. (978) 368-0910

53-A Browning / Miroku .22 LR "22 Auto" Takedown Butt Tube Feed Auto Rifle 19
 ¼" barrel with mint bore, front bead sight, folding rear leaf sight, barrel mounted
 scope base with 1 ¾-5x Redfield scope, scope has TV view style optics and duplex
 reticle, clean clear optics, checkered Walnut pistol grip stock and forend, grade I style
 engraved receiver, comes with its original black cardboard box, with trigger lock and
 paperwork, manufactured 2016\$925

54-A J. Stevens .22 LR "No. 14 ½ Little Scout" Single Shot Rifle 20" barrel with good bore, fixed sights, 90%+ blue on barrel with trace case color showing on receiver, smooth straight grip Walnut stock and splinter forend, excellent function (C&R) \$265

55-A J. Stevens .22 LR "No. 14 1/2 Little Scout" Single Shot Rifle 20" barrel with good bore, fixed sights, 90%+ blue with trace 70% case colors on receiver, receiver shows "SVG" in circle on left side of receiver, smooth Walnut straight grip stock and splinter forend, excellent function (C&R)\$265

56-A Kingston .22 LR "Model M-1 Garand" Clip Feed Auto Rifle 24" barrel with mint bore, M-1 Garand national match style sights, 99% original parkerized finish, smooth Walnut stock and handguard wood, excellent copy of an M-1 Garand but in 22 LR, looks to be built on a Ruger receiver using a Ruger rotary magazine, comes with its original box and pamphlet, collector quality, only made for 2 years, super looker and easily mistaken for an original M-1 Garand 2016-2017\$1295

57-A Marlin .22 S, L, & LR "Model 39-A Golden" Takedown Lever Rifle 24" barrel with bright excellent bore, raised front blade, missing hood brass bead sight, rear sight with elevator, receiver mounted scope block with mounted Weaver 4x scope, scope has plane crosshairs, partly foggy optics, 97%+ original blue showing light pin prick pitting on barrel and magazine tube, receiver shows light scratches and light pin prick pitting, oil finished pistol grip stock and forend, black plastic pistol grip cap and buttplate, gold color trigger, sling swivels, excellent function, manufactured 1960 (C&R) \$875

58-A Mossberg .22 LR "Model 380" Butt Tube Feed Auto Rifle 20" barrel with mint bore, 97% original blue, thinning a bit mid barrel, pin prick pitting at muzzle, front brass dovetail bead and open rear with elevator sights, grooved receiver, smooth dark Walnut pistol grip stock, stock has dents on right side, below charging knob, black plastic buttplate, excellent function, manufactured 1980-85\$215

59-A Remington .22 LR "Model 24" Butt Tube Feed Takedown Auto Rifle 21" barrel
with mint bore, 98% original blue with light loss at muzzle, factory open sights,
grooved receiver, splinter style Walnut forend and semi pistol grip stock with "UMC"
logo factory buttplate, barrel is marked "RB", excellent function (C&R)\$575

60-A Remington .22 Short "Model 241-SA / Speedmaster" Takedown Butt Tube Feed Auto Rifle 24" barrel with mint bore, 98% original blue with light scratches on receiver and some light pin prick pitting on barrel, factory open sights, smooth Walnut forend and pistol grip stock with factory steel buttplate, barrel marked "CRR" (factory code date for April 1946), excellent function, manufactured 1946 (C&R)\$495

61-A Remington .22 S, L, & LR "Model 521-T / The Junior Special" Clip Feed Target Bolt Rifle 25" barrel with mint bore, 70% blue to brown with pin prick pitting on receiver, front dovetail post sight, rear Lyman 57RS adjustable peep sight, smooth pistol grip Walnut target stock with adjustable sling swivel forend, sling swivel in rear toe line, black polymer serrated buttplate, magazine floorplate is brown in color, comes with one factory magazine, bolt shows 80% case color, manufactured 1948 (C&R) \$305

62-A Remington .22 S, L, & LR "Model 552 Fieldmaster" Tube Feed Pump Rifle 23"
 barrel with excellent bore, open sights, grooved receiver, 95% original blue with spots of
 thinning along barrel, aluminum receiver is 90%+ black showing areas of thinning and
 high edge wear along with light scratches smooth Walnut pistol grip stock and grooved
 forend show handling wear, dings and dents, grip end on stock has a chip missing,
 Remington black checkered plastic buttplate appears to be a replacement, excellent
 function, manufactured 1955 (C&R) \$400

63-A Ruger .22 LR "Model 10/22" Takedown Lite, Clip Feed Auto Rifle 16.1" barrel with mint bore, threaded muzzle, aluminum alloy "red" barrel sleeve, no sights but has Picatinny rail mounted to Ruger red receiver, black synthetic stock featuring the Ruger modular stock system, polymer trigger, cross bolt manual safety, comes with (1) 10 round detachable magazine, extra stock and black nylon carry case with papers, like new, excellent function, manufactured 2016\$450

64-A Ruger .22 LR "Model 10/22" Clip Feed Auto Rifle 18" barrel with bright excellent bore, front blade with gold color bead, flip down adjustable leaf sight, 98%+ original blue with very light peppery pin prick pitting around rear sight, checkered Walnut pistol grip stock, serrated black plastic buttplate, comes with one original rotary detachable magazine, left side of receiver shows rubbing marks, manufactured 1974\$325

65-A Stevens .22 LR "No. 26 Crack Shot" Single Shot Falling Block Rifle 18" barrel
with poor bore, gray to brown patina with receiver showing gray, scattered pin prick
pitting throughout the metal surfaces, smooth Walnut straight grip stock and splinter
forend, extractor sticks at times otherwise all else functions properly (C&R)\$165

66-A Winchester .22 LR Model 63 Butt Tube Feed Auto Rifle 23" barrel with bright excellent bore, open sights, 98% original blue, smooth Walnut pistol grip stock and forend, forend has small light scratches on left side, left side of stock also shows light scratches, original blued steel buttplate, excellent function, manufactured 1950 (C&R) \$1000

67-A Winchester .22 S, L, & LR Model 290 Tube Feed Auto Rifle 20" barrel with mint bore, open sights, grooved receiver, 98% original blue, press checkered Walnut pistol grip stock and forend, black plastic serrated Winchester buttplate with white line spacer, excellent function, manufactured 1967-1973 (C&R)\$225

68-A Winchester .22 S, L, & LR "Model 06" Takedown Pump Rifle 20" barrel with excellent bore, non professional re-blue finish on metal surfaces, marble front blade and adjustable rear sight, two holes on barrel at barrel address, holes do not go through barrel, Walnut straight grip stock and grooved forend, stock has a light crack starting at bottom tang, toe also shows repair mark, original buttplate, excellent function, end of production, manufactured 19301-1931 (C&R)\$500

69-A Winchester .22 S, L, & LR "Model 06" Takedown Pump Rifle 20" barrel with good, lightly pitted bore, front no. 2 marble sight, marble rear sight with elevator, non professional re-blue on all metal surfaces, smooth Walnut straight grip stock and small grooved forend are also non professionally refinished, manufactured 1910 (C&R) \$500

70-A Winchester .22 S, L, & LR "Model 61" Takedown Grooved Receiver Tube Feed Pump Rifle 24" barrel with mint bore, original fixed sights, grooved receiver, 98%+ original blue, smooth Walnut pistol grip stock with large grooved forend, wood shows light scratches, checkered steel buttplate, excellent function, collector quality, manufactured 1956 (C&R)\$1200

71-A Winchester .22 W.R.F. 1890 "Third Model" Takedown Tube Feed Pump Rifle
24" octagon barrel with fair/pitted bore, 80% original blue showing high edge wear and scattered peppery pin prick pitting, action is gray with scattered pin prick pitting, open sights, Lyman peep sight attached to tang, smooth Walnut straight grip stock and small grooved forend, crescent steel buttplate with a blue to brown color, wood shows wear, dings and dents, functions properly, manufactured 1923 (C&R)\$725

72-A Winchester .22 S, L, & LR "Model 55" Single Shot Auto Ejecting Rifle 22" barrel with mint bore, 98% original blue, factory open sights, smooth Walnut pistol grip stock with light dings and dents, original Winchester logo buttplate, top feed bottom eject functions properly, stock has small chip on right side just behind charging handle, manufactured 1958-1961 (C&R)\$300

SHOTGUNS:

73-A Harrington & Richardson .410 Eley "Model 1905" Top Break Open Hammer Single Shot Shotgun 26" barrel 2" chamber, fixed cylinder with bright excellent bore, missing front bead sight, 97% original blue on barrel showing peppery pin prick pitting, once case colored receiver is now brown, left side of receiver has a take down latch, smooth round knob semi pistol grip stock and splinter style forend, H&R logo original buttplate, stock has a chip missing from left side behind triggerguard, manufactured 1905-1915 and probably intended for Canadian or European market, these are sometimes known as taxidermist guns (C&R) \$235

74-A J.C. Higgins 12 Gauge "Model 20" Pump Shotgun 28" barrel with excellent bore, 2 3/4" chamber, fixed full choke, 95% original blue thinning to gray, showing light scratches and silvering along receiver's high edge, single brass bead front sight, smooth Walnut pistol grip stock and grooved forend, black rubber recoil pad, excellent function, manufactured 1946-1962 (C&R)\$180

75-A Mossberg 12 Gauge "Model 500A" Pump Shotgun 28" raised vent rib barrel with bright excellent bore, 2 3/4" chamber, screw in improved modified choke tube, 98%+ original blue, white front sight, gold colored mid bead sight, press checkered hardwood pistol grip stock and forend, brown rubber recoil pad, excellent function, manufactured 1992-1993\$275

76-A Mossberg 20 Gauge "Model 185-D" Clip Feed Bolt Shotgun 24" barrel with bright excellent bore, 2 ¾" chamber, threaded muzzle with Mossberg screw on full choke tube, single brass bead front sight, smooth Walnut pistol grip stock with a Schnabel forend, stock shows finish wear, finger groove triggerguard sits flush to grip, only red jewel remains, green one missing from safety lever, black plastic buttplate, NO magazine (C&R)\$225

77-A Savage / Springfield 12 Gauge "Model 67C" Pump Shotgun 28" barrel with bright excellent bore, 2 3/4" chamber, fixed modified choke, 97% original blue with thinning along barrel and light scratches along alloy receiver, hardwood pistol grip stock shows varnish chipping, scratches, red rubber recoil pad is a replacement and is not fitted correctly to shotgun (C&R)\$150

78-A Savage / Stevens 20 Gauge "Model 258B" Clip Feed Bolt Shotgun 26" barrel with good bore, 80% original blue, thinning to gray along receiver, pin prick pitting on receiver and thinning to gray, single bead front sight, smooth Walnut pistol grip stock with ebony forend, black plastic buttplate unable to hold a magazine due to broken magazine well, no magazine, parts shotgun\$120

79-A Sears / Ted Williams 12 Gauge "Model 21" Pump Shotgun 25" vent rib barrel with polychoke and bright excellent bore, twin bead sights, 87%+ original blue with thinning along barrel and receiver, receiver showing pin prick pitting on to edges, checkered Walnut pistol grip stock and forend, pistol grip cap and brown rubber recoil pad, excellent function (C&R) \$125

COLLECTOR REFERENCE BOOKS:

(\$5.00 per book shipping and packaging)

80-A European & American Arms by Claude Blair, C. 1962, 134 page hardcover with jacket, jacket shows some unrepaired tears, excellent text and photos\$25

81-A *American Swords and Sword Makers*, by R. H. Bezder, C. 1994, 627 page hardcover with jacket, near excellent overall, very good text and photos\$20

82-A American Axes, by H. J. Kauffman, C. 1972, 151 page hardcover with jacket, near new condition overall, American axe collecting reference\$20

CONTINUED →

PACK AND POSTAL CENTER Tel. (978) 368-0910

- | | | |
|--------------|--|----|
| 83-A | <u><i>Battle Weapons of the American Revolution</i></u> , by George C. Neumann, C. 1998, 393 page hardcover with jacket, dedications signed by au, excellent condition overall, excellent reference source with excellent text and wonderful photos rarely seen in other publications a true collector classic and rarely found on today's market.....\$150 | |
| 84-A | <u><i>Arms and Armor in Colonial America 1526 -1783</i></u> , by Harold L. Peterson, C. 1956 350 page hardcover with jacket, jacket shows wear and tear but text and photos are excellent, a great reference book on early American arms.....\$25 | |
| 85-A | <u><i>Swords and Blades American Revolution</i></u> , by George C. Neumann, C. 1973, 288 page softcover in excellent plus condition, commonly used reference for swords and blades of this era\$20 | |
| 86-A | <u><i>Historic Pistols / the American Martial Flintlock 1760 1845</i></u> , by Sam Smith and Ed Bitter, C. 1985, 344 page hardcover but no jacket, excellent reference very nice text and photos, excellent condition overall, excellent reference\$50 | |
| 87-A | <u><i>United States Martial Flintlocks</i></u> , by Robert M. Reilly, C. 1986, 263 page hardcover with jacket, near new overall, excellent reference with great text and photos\$50 | |
| 88-A | <u><i>Ruger and His Guns</i></u> , by RL Wilson, C. 1996, 358 page hardcover with jacket, near new overall, a very popular 1022 book on Ruger's 10/22\$35 | |
| 89-A | <u><i>Know Your Ruger 10/22</i></u> , by William E. workman, C. 1994, 320 page softcover, excellent reference for the 10/22 collector\$40 | |
| 90-A | <u><i>Know Your Ruger 10/22</i></u> , by William E. workman, C. 1986, 95 page softcover, a must for any 10/22 Ruger owner\$10 | |
| 91-A | <u><i>Colt Engraving</i></u> , by RL Wilson, C. 1982, 560 page hardcover with jacket, some small unrepaired tears on jacket, excellent text and graphics, a sought after reference book on all colt engravings\$100 | |
| 92-A | <u><i>The Book of Colt Firearms</i></u> , by R.L Wilson, C. 1971, 604 page hardcover with the jacket, showing little water wrinkling on first few pages but nothing significant, a super starter book or quick reference for advanced collector's, good condition.....\$100 | |
| 93-A | <u><i>Winchester Shotguns and Shot Shells</i></u> , by Ronald Stadt, C. 1995, 288 page hardcover with jacket, as new overall, excellent text and photos.....\$20 | |
| 94-A | <u><i>Winchester Repeating Arms Co.</i></u> , by Herbert G. House, C. 1994, 511 page hardcover with jacket near new condition overall.....\$25 | |
| 95-A | <u><i>A History of Winchester Firearms 1866 to 1992 Six Edition Updated</i></u> , by Thomas Henshaw, C. 1993, 280 page hardcover with jacket as new overall, very\$30 | |
| 96-A | <u><i>20th Century Winchester Repeating Arms Co.</i></u> , by Roger rule, 395 page hardcover with dust jacket near new overall, super text and photographs of all their products from the 20th century a nice catalog collection\$35 | |
| 97-A | <u><i>Trapdoor Springfield</i></u> , by M. D. Bud Waite & P. P. Ernst, C. 1980, 213 page hardcover with jacket, near new condition overall, excellent text and illustrations . \$70 | |
| 98-A | <u><i>Spencer Repeating Firearms</i></u> , by Roy M. Marcot, C. 1990, 360 page hardcover in excellent overall condition, one of the few resources for us Spencer research\$120 | |
| 99-A | <u><i>Pistols of the World Third Edition</i></u> , by Hogg and weeks, C. 1992, 352 page softcover in excellent condition overall, one of the best softcover books on pistols of the world, excellent text and photos\$15 | |
| 100-A | <u><i>Handguns All the World</i></u> , by Edward C. Ezell, C. 1993, 704 page hardcover with jacket, excellent to new condition overall, one of the best references on handguns in text and photos for the collector\$70 | |
| 101-A | <u><i>Small Arms of the World 10th Edition</i></u> , by W. H. B Smith, C. 1962 1973, 768 page hardcover in poor to fair condition, text and pictures in good condition but cover and paper show age\$15 | |
| 102-A | <u><i>The Book of Rifles</i></u> , by W.H.B. Smith and Joseph E. Smith, copyright 1963 third edition revised with over 200 new photos shows minor foxy and dirt staying along the pages and remains complete with outer dust cover in excellent condition, 654 page hardcover, super pictures and text excellent reference for any collector\$25 | |
| 103-A | <u><i>Old Gunsights a Collector's Guide, 1850 -- 1965</i></u> , by Nick Stroebel, C. 1998, super reference on old gun sights, 320 page softcover in excellent condition\$40 | |
| 104-A | <u><i>Old Rifle Scopes</i></u> , by Nick Stroebel, C. 2000, 397 page softcover with excellent information on old Scopes, super reference for any collector, near new condition overall\$60 | |
| 105-A | <u><i>The Rifle in America</i></u> , by Philip B. Sharpe, 641 page hard cover, C. 1938 first edition, dedications signed by author, and very good plus condition, pebble grain brown cover shows a little scuffing on edges, text and photos in excellent condition \$60 | |
| 106-A | <u><i>Winchester an American Legend</i></u> , R L. Wilson, C. 1991, 404 page hardcover with Jacket in near new condition\$15 | |
| 107-A | <u><i>The Winchester Model 94 the First 100 Years</i></u> , by Robert C. Renneberg, C. 1991, 208 page hardcover with jacket, excellent condition overall looks near new \$85 | |
| 108-A | <u><i>U. S. Military Match and Marksmanship Automatic Pistols</i></u> , by Bill Jenkins, C. 2005, 176 page hardcover in near new condition, a difficult book to come by these days, excellent text and photos\$150 | |
| 109-A | <u><i>The M1 Carbine Owner's Guide</i></u> , by Larry Ruth And Scott Duff, C. 1999, 134 page softcover in excellent condition, a must for the owner of M1 carbine's\$20 | |
| 110-A | <u><i>The Luger Pistol</i></u> , by Fred A. Datig, C., 1958, 328 page hardcover with jacket signed and dated by the original owner inside cover in excellent condition overall, enlarged and revised edition, its history and development from 1893 to 1945\$25 | |
| 111-A | <u><i>Allied Rifle Contracts in America 1914 -1918</i></u> , by Luke Mercaldo, copyright thousand love, ordered 24 page hardcover in near new condition overall, a fairly rare publication difficult to come by \$80 | |
| 112-A | <u><i>Carbines of the US Cavalry 1861 to 1905</i></u> , by John D. McAulay, C. 1996, 144 page hardcover in near new condition overall, nicely illustrated with charts and graphs ... \$25 | |
| 113-A | <u><i>Virginia Militaria of the Civil War</i></u> , by Howard R Crouch, volume 1, 90 page softcover in near new condition\$35 | |
| 114-A | <u><i>Civil War Canteens</i></u> , by Sylvia and O'Donnell, 175 page softcover in excellent to new condition\$45 | |
| 115-A | <u><i>Civil War Projectiles II Small Arms and Field Artillery</i></u> , by Reid Mckee and Mason, 192 page hardcover, C. 1980 in excellent condition overall, a rarely encountered book on Civil War projectiles for the advanced collector\$100 | |
| 116-A | <u><i>Packing Iron, Gun Leather of the Frontier West</i></u> , by Richard C. Rattenbury, C. 1993, 216 page hardcover in excellent to new condition with jacket\$95 | |
| 117-A | <u><i>Cowboy Culture, the Last Frontier of American Antiques</i></u> , by Michael Friedman, C. 1992, 300 page hardcover in excellent condition with jacket\$85 | |
| 118-A | <u><i>High Standard a Collector's Guide to the Hampden and Hartford Target Pistols</i></u> , by Tom Dance, C. 1991, 192 page softcover in excellent near new condition, everything you wanted to know about the later target pistols\$60 | |
| 119-A | <u><i>The American Bayonet 1776 to 1964</i></u> , by Albert and Hardin, C. 1964 234 page hardcover in excellent new condition with excellent jacket, must have for the American bayonet collector very complete pictures and text\$110 | |
| 120-A | <u><i>American Socket Bayonets and Scabbards</i></u> , by Robert M. Reilley, C. 1990, 209 page hardcover in excellent to new condition with plastic cover jacket\$95 | |
| 121-A | <u><i>The Postwar Colt Single Action Revolver</i></u> , by Don Wilkerson, 284 page hardcover with excellent jacket, C. 1978- 1980 second edition, near excellent overall with good text and photographs\$95 | |
| 122-A | <u><i>Samuel Colt: Arms, Art, and Invention</i></u> by Houze, C. 2006, 260 page hardcover with jacket, very good overall with a slight warp from sitting, excellent text and photographs \$20 | |
| 123-A | <u><i>Colt Gun Book</i></u> , by Lucian Cary, C. 1961, 140 page hardcover with jacket that shows a few unrepaired rips and tears, good text and graphics\$15 | |
| 124-A | <u><i>The Colt Commemoratives 1961- 1986</i></u> , by Condry and Jones, C. 1989, 209 page hardcover with jacket signed by both authors, excellent plus condition overall with beautiful colorful pictures and text, a must for any commemorative collector \$90 | |
| 125-A | <u><i>Colt Single Action Army Revolver Study: New Discoveries</i></u> , by Kenneth Moore, C. 2003, 199 page hardcover in near new condition, a sought after book on the colt single action\$40 | |
| 126-A | <u><i>Colt Firearms From 1836</i></u> , by James Serven, C. 1954 and 1979, 398 page hardcover in very good condition with some scuffing and unrepaired tears on the dust jacket, excellent text and photos a good reference source\$40 | </ |

DOUGLAS R. CARLSON

Antique American Firearms



P.O. Box 71035-GD
Des Moines, Iowa 50325
Telephone: 515-224-6552

FULL COLOR MAIL ORDER CATALOGS OF FINE ANTIQUE FIREARMS FOR SALE

Fine Antique American Revolvers And Derringers
From The Time Period 1848 to 1898. Colt, Remington,
Smith & Wesson, Merwin & Hulbert And Many Others.

Each Item Is Described In Accurate Detail.

Large 40 to 60 Page Catalogs Are Sent Out First Class
Mail Every 6 to 8 Months. Many Items Are Pictured.

A Subscription To 5 Issues Is \$40 In The US Only.

YOU WILL LIKE MY CATALOGS!

"40 Years of Antique Firearms Catalogs"

MULTI CALIBER ADAPTERS

ADAPTER & CONVERSION UNITS OF ALL TYPES:

- INSERTS FOR BREAK-OPEN SHOTGUNS
- CHAMBER ADAPTER FOR RIFLES
- CHAMBER ADAPTER FOR SPECIALTY PISTOLS
- ANTIQUES & WILDCATS CUSTOM MADE!

These inserts/adapters allow rifle owners to target practice at local indoor ranges where full power loads are prohibited, or take small game without the noise, meat destruction or the expense of full loads. As a survival device, my adapters are unequalled, allowing a single rifle or pistol to fire a variety of ammunition. New shooters will learn marksmanship without fighting recoil and loud muzzle blast.

SUB CALIBER ADAPTERS AND BARREL INSERTS

22LR/ 22MAG, 22 JET OR 22 H-TC
22LR OR 22 MAG/ 218,221, 222, 223 OR 22-250
22 HORNET/ 223 OR 22-250
32 ACP OR 32 H+R MAG/ 30-30, 308, OR 30-06
30 LUGER, 30 MAUSER OR 30 CAR/ 308 OR
30-06 **BLUE STEEL \$20 PPD STAINLESS \$28 PPD**

(Specify if adapter is for T/C.)

CHAMBER INSERTS:

7.62X39 TO 30-06, 308, 7.62ARG & 7.5FR
308 TO 30-06 **KITS \$25 PPD**

Send (2) current 1st class stamps for catalog:

M.C.A. SPORTS/ACE BULLET CO.

2800 WEST 33RD ROAD
ANCHORAGE, ALASKA 99517-2201
907/248-4913 PHONE/FAX
ACE A. DUBE (E-mail = lilred@ak.net)
WEB SITE <http://mcasportsace.com>

WAYNE DRISKILL

MINIATURE FIREARMS SPECIALIST

*Dealing in fine hand crafted,
museum quality miniature firearms.
Sales, buying, consignments, appraisals.*

P.O. Box 2829, Pearland, TX 77588

Office: (281) 485-1830

Cell: (281) 468-7103

Email: wdriskill@hotmail.com

www.waynedriskillminiatures.com

M1 CARBINE PARTS

Download Our FREE Catalog!!
www.bestcarbineparts.com

**Carbine Barrels
Stock Pouches
Slings & Early Oilers
Stocks & Handguards
Type I Early Flip Sights**

- *Type I, II Dog Leg Hammers
- *Flat & Round Bolts: \$95.00 & Up
- *Front Bands Type I, II & III
- *Front & Rear Sights
- *Swivels (All Mfgs.): \$18.00 & Up
- *Mag. Rel. Type I, II & III: \$32.00 & Up
- *M1A1 Recoil Plate Covers: \$65.00
- *M1A1 Butt Plate Springs: \$10.00
- *M1A1 Coil Springs (Pistol Grip): \$10.00
- *Type I Band Screws: \$7.50

*** Celebrating 30+ Years***

L&S SUPPLY, INC.

22211 Lofton Ave. N
Scandia, MN 55073

E-Mail: lssupply@spacestar.net

Or call: (651)773-9972

15 DAY 100% Satisfaction Guaranteed

WEATHERBY FACTORY AMMUNITION AND BRASS SALE

224 WBY 55 GR HSP@ \$80.00
 240 WBY 100 GR HIL..... @ \$60.00
 257 WBY 100 GR HIL..... @ \$60.00
 6.5 RPM WBY 140 GR HIL.....@ \$70.00
 6.5-300 WBY 140 GR HIL..... @ \$60.00
 270 WBY 130 GR HIL.....@ \$60.00
 7mm WBY 154 GR HILH..... @ \$60.00
 300 WBY 180 GR HIL..... @ \$60.00
 338 RPM WBY 225 GR HIL..... @ \$70.00
 340 WBY 225 GR HSP @ \$80.00
 375 WBY 300 GR NP @ \$130.00
 30-378 WBY 180 GR HIL..... @ \$120.00
 338-378 WBY 225 GR BTTSX @ \$140.00
 378 WBY 300 GR HRN @ \$140.00
 416 WBY 400 GR HRN @ \$170.00
 460 WBY 500 GR HFMJ @ \$170.00
 ONCE FIRED BRASS 224, 240, 257, 6.5 RPM,
 270, 7mm, 300 & 338 RPM@ \$30.00
 30-378, 338-378, 378 & 460.....@ \$50.00
 NEW UNPRIMED BRASS 224,
 240, 257, 6.5 RPM, 6.5-300, 270, 7mm,
 300, 338 RPM & 340.....@ \$60.00
 375, 30-378, 338-378, 378,
 416 & 460@ \$100.00

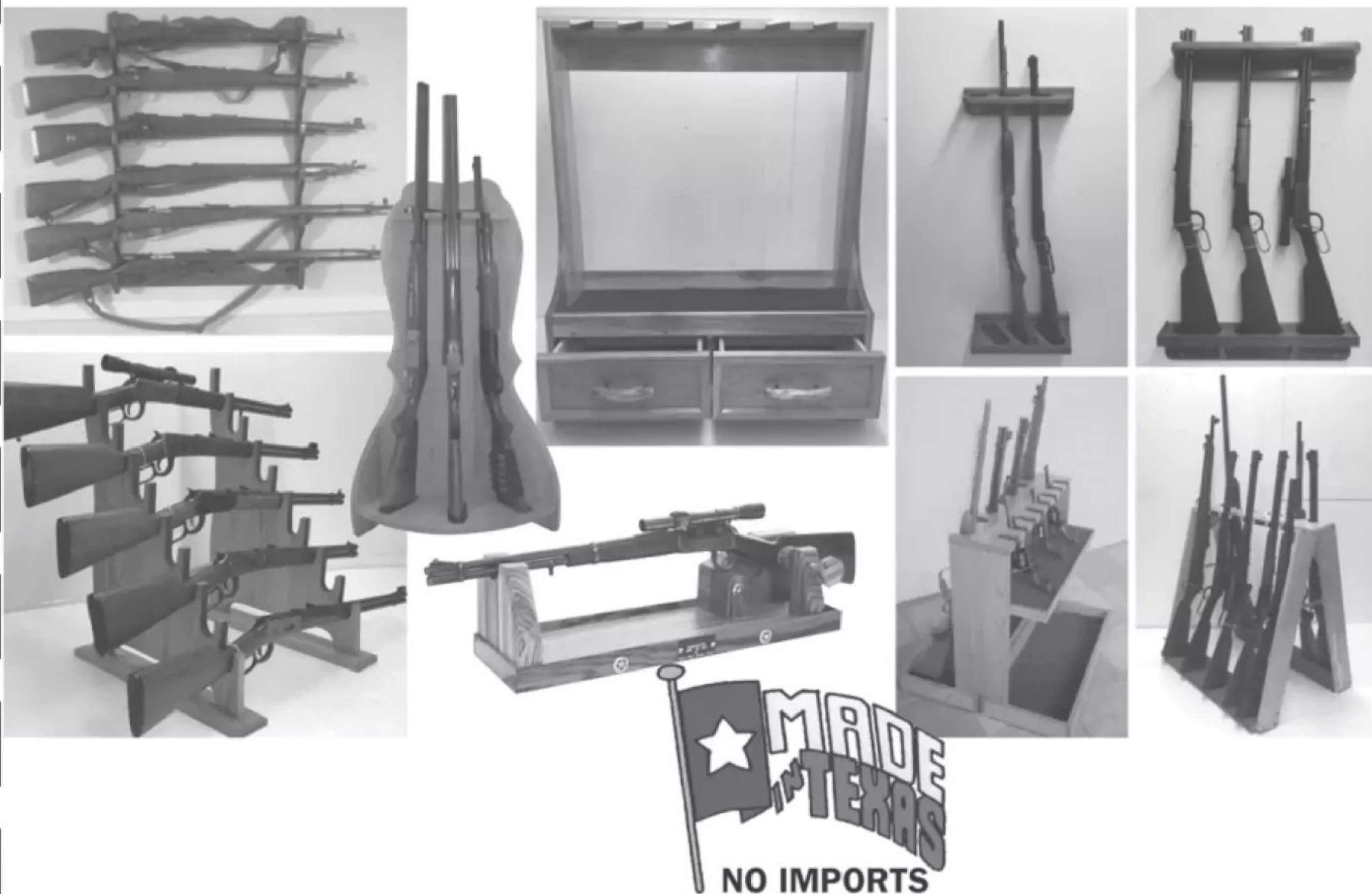
Free Shipping

Minimum Order of 5 boxes

No Sales Tax

CALL JACK @ 706-462-2034

WWW.GUNSTANDS.COM



FORT SANDFLAT PRODUCTS

8414 C.R. 3907, Athens, TX 75752 • Phone: 903-677-2820



Adams & Adams Custom Engraving Shop

*Old World
Styles & Techniques*

360 Moon Meadow Dr.
 P.O.Box66
 VERSHIRE, VT 05079
 Tel. 802-685-0019

peacemaker66@earthlink.net
 www.adamsandadamsengraving.com

KINNEAR RIFLE CO

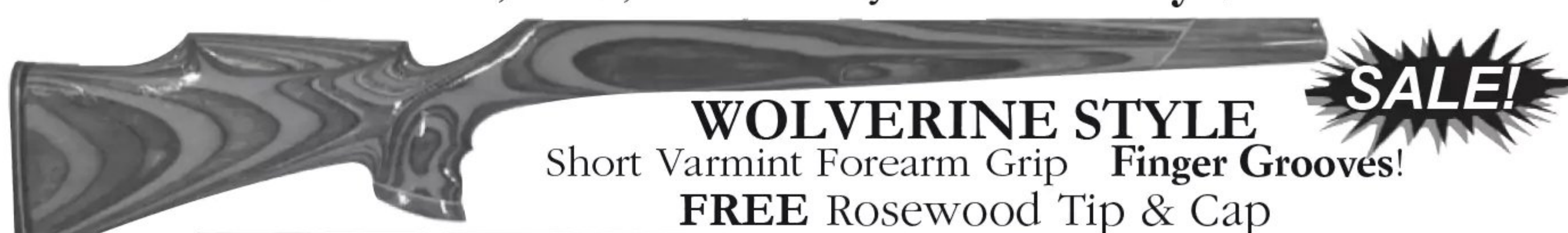
Kinnear, Wyoming
 Custom Rifles - Benchrest, Varmint,
 Hunting, Barrels Relined,
 Octagoned, Fluted.
 Firearms Machine Shop.
 Parts and Accessories Built.

Shop: 307/856-6414
 email: kinnearrifleco@yahoo.com

Modern day Riflestocks, at Old fashion Prices

Semi Custom Stocks -- Rifle-Stocks.com
SALE! NEW INTRODUCTORY OFFER!

Brown/Brown, Camo, or Black/Grey Laminate **Only \$129**



WOLVERINE STYLE

Short Varmint Forearm Grip Finger Grooves!
FREE Rosewood Tip & Cap

SALE!

WOLVERINE THUMBHOLE

Thumbhole Grip with Finger Grooves **\$139**
 & Short 2-1/4" Varmint Forearm & up

Available in Claro/Black Walnut, English, Maple, or Laminated

Bolt Actions Only

Stocks for over 100 bolt actions
 spanning over 100 years!



TAC-DRIVER SILHOUETTE STYLE

Palm Swell, Thumbhole Grip with Finger Grooves
 Varmint Forearm Grip & 3/8" Vents

Brown or Black Laminate Only **\$149** Other Colors Available!
 Stocks are unfinished & ready for sanding- 96% & 99% inlets
 Left Hand, 2 1/4" Varmint, or Thumbhole's--Add \$17
100% Money Back Guarantee!

Order Now: S&H \$17.50, Add \$3 each addit. Visa, MC, COD(\$11)

Economy, No Discount	\$69	Grade A Fancy	\$150
Standard Grade	\$95	Grade AA Fancy	\$199
Select Grade	\$107	Grade AAA Extra Fancy	\$279
Semi-Fancy - NOW \$119	\$129	Exhibition - 100% Figure	\$379

RICHARDS MICROFIT STOCKS, Inc.

Call Now! 1-800-895-7420 Rifle-Stocks.com

PO Box 1066, SUN VALLEY, CA 91352

WWW.GUNSTANDS.COM



FORT SANDFLAT PRODUCTS

8414 C.R. 3907, Athens, TX 75752 • Phone: 903-677-2820



**Lugers, German,
Japanese
Hanguns & Relics
List - \$2.00 each**

**Wanted
Single Pieces or Collections**

G & G RELICS

4105 N. Stephanie ★ Branch, MI 49402

(231) 462-3594 (863) 291-3594

www.ggrelics.com

www.cktprecision.com



CTK PRECISION

E5861 Herzberg Road
Marion, WI 54950
(715) 754 - 2891

**CNC MACHINED
BILLET ALU.
TWO STAGE
DESIGN
QUICK
ATTACHMENT
LIGHT WEIGHT
MIL SPEC
HARD ANODIZED
360° OF
MOVEMENT
AT 100 YDS
3 SLING
POINTS**

P3 MONO-POD

GUN COLLECTIONS WANTED!

(any size)

**Pre-64 Winchesters • American Doubles • Collectable Remingtons
• Sakos • Weatherbys • Colts • Smith & Wesson**

Will pay a PREMIUM for Collector Quality Guns.

50 Years in gun business. TRY ME BEFORE YOU SELL!

RANDY S. SHUMAN

P.O. Box 177, 321 Steelstown Road, Newville, PA 17241

Phone: 717-776-7861 FAX: 717-776-7034

Email: shumanguns@hotmail.com

COLLECTOR FIREARMS CATALOG

Win., Colt, Rem., Marlin,
Sav. & Dbls.

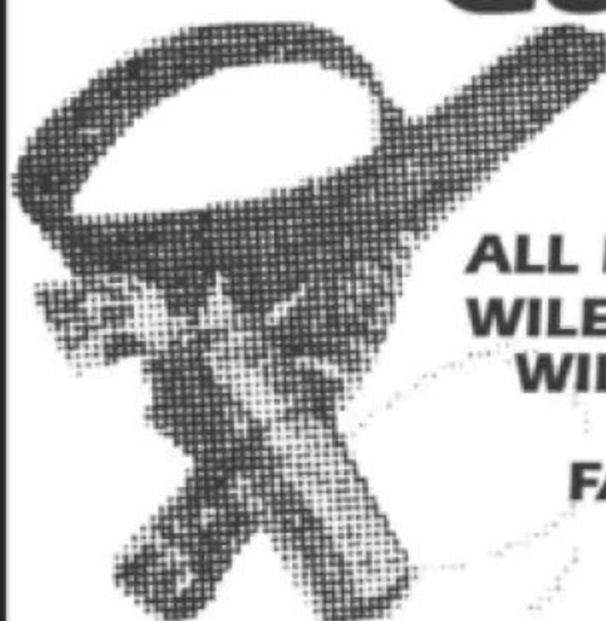
\$10.00 U.S.

1 FREE SAMPLE

LARRY'S GUN ROOM

105 N. 8th Street, Beresford, SD 57004
605-763-5090

QUICK DRAW \$42.95



LOTS OF 24 RIGS
ALL MAJOR CREDIT CARDS
WILEY'S, 7009 VZ CR 2120
WILLS POINT, TX 75169
1-903-848-7922
FAX 1-903-848-7912
Hours Tues. - Sat.
9 am to 5 pm

JUST LIKE THE REAL COWBOYS,
CUT FROM RICH NATURAL LEATHER,
TOOLED. FITS SINGLE.

CALIBERS: 22-38-357-44-45
SIZES: 32-34-36-38-40-42-44
FEATURES - BROWN COLOR
HOLSTERS ARE SPECIAL MADE FOR US
LOW DROP ON HIP - HIGH QUALITY
\$135.00 VALUE

SELL OUT PRICES
24 RIGS \$42.95 EA.
12 RIGS \$44.95 EA.
6 RIGS \$46.95 EA.
4 RIGS \$48.95 EA.
2 RIGS \$52.95 EA.
1 RIG \$59.95 EA.
PLUS UPS POSTAGE

CUSTOM RIFLE barrel &
chamber work, match quality;
actions trued; .17 to 50 BMG;
fiberglass or wood stocks; multi-
barrel takedown rifles; Selby
muzzle brakes; Dura coating;
bluing. Custom rifles & work
since 1969.

Randy's Custom Rifles - Randy Selby
PO Box 221, Wapiti, WY 82450.
307-587-6152.

www.randyscustomrifles.com

follow us on Facebook & YouTube.

**FULL
MOON
CLIPS**



Ranch Products makes Full Moon Clips for
all of the popular revolvers for 45 years.

RANCHPRODUCTS.com

P.O. Box 145 Malinta, Ohio 43535
stevenacrawford@msn.com

Your Guide to the Firearms Lifestyle!

Now in its 78th edition, the 2024 *Gun Digest* still reigns as “The World’s Greatest Gun Book!” Rifles, handguns, shotguns, ammo, optics, muzzleloaders ... if it has anything to do with guns and shooting, you’ll find it here. Written and edited by the industry’s leading writers and experts, this is the book that every firearms fanatic needs. Get yours today!



\$39.99

Product No. R8164

Order online at GunDigestStore.com
or call **920.471.4522**

amazon.com Also available on Amazon in print and e-book!





THE ESSENTIAL AR-15 CHECKLIST

AR-15 Wizard Patrick Sweeney reveals the critical things he checks on every new—or used—AR he brings home.

Few gun scribes have spilled more ink on the AR-15 subject than Patrick Sweeney. In addition to being a respected law enforcement armorer, he's authored thousands of articles, columns and dozens of books, including the popular title *Gunsmithing the AR-15: The Bench Manual*—specializing in AR-15 maintenance, troubleshooting, upgrading,

gunsmithing and shooting.

GD: So, you're this world-renowned AR-15 expert, you're an AR-15 armorer.

SWEENEY: [laughs] You're gonna give me a swelled head if you keep this up.

GD: OK, but you find a good deal on a \$700 AR-15, and you get it home.



A properly positioned buffer tube and a securely held buffer retainer. You want yours to look like this.

(Below) This barrel is marked “5.56 NATO chromed.” That means it was chromed, but it wasn’t a 5.56 NATO throat. Markings can’t be trusted, with a few exceptions.

SWEENEY: It used to be that if you spent \$600 for an AR-15—and I’m dating myself here—that you were spending your money at the top of what you would be spending for an AR-15. Nowadays, you say to somebody that you got an AR for \$600, and they go, “What’s wrong with it? What kind of cheap Chinese whatever is it that you just bought?” And people don’t blink at a \$2,000 AR. Well, for \$2,000 or \$2,400, yeah, it better have all of these details taken care of.

GD: Where do you start? You get it home and what does Patrick do?

SWEENEY: Start at the muzzle and make sure that whatever flash hider or muzzle brake that’s on there is on straight and that your crown hasn’t been mangled or screwed with. You’d be surprised how badly a rifle reacts after somebody has dropped it in the dirt, and now it doesn’t shoot well anymore, so they sell it without telling you. So, look at that and make sure it’s fine.

From there, it’s back to the chamber, and the first thing to check is whether it’s a .223 or a 5.56 leade. Many people

poo-poo the idea and think that .223 and 5.56 it’s all the same. I’ve seen enough guns in classes go down from shooting 5.56-rated ammo in a .223 leade that I check it. And except for a few brands like Daniel Defense, Geissele, Colt, a few others, when it says 5.56, you can bet all the money in your pocket that it is 5.56.

GD: So, you wouldn’t assume even if it says 5.56?

SWEENEY: I wouldn’t assume so,

no. In one class I remember, we had half a dozen rifles with departments that issued them to officers, and the barrels said 5.56. And we gauged them, and four of the six that were marked 5.56 from companies we didn’t know weren’t; they were .223. But 5.56 sells rifles, so that’s what you mark it as. OK, fine, you put a racing stripe on a car; it doesn’t make it a street racer. And in the course of that class, all four of those rifles that had .223 chambers but were 5.56-marked went down with the





AMERICAN
DEFENSE MANUFACTURING®



Scan the QR Code below for more information
on our Flagship Mod-2 Rifle and the brand new
Modular Offset Mini Red Dot Sight Recon Ring

Patented Fully
Ambidextrous Premium
Firearms



Patented Quick
Detach Mounting
Solutions

WWW.ADMMFG.COM

THE CASE FOR AND AGAINST AFTERMARKET PARTS



Sweeney admits that he exists in this strange space where, coming from a competition background, he can be “a real trigger snob” and “can sneer at just about anybody’s trigger.” And while there are few aftermarket AR-15 triggers he feels are truly good enough to use as is, like most things with Sweeney, the explanation runs deeper than that.

“There are very few [triggers] that you can take right out of the box, put in the gun and run, and can’t say bad things about, but one is Geissele. If Bill Geissele has ever made a bad trigger, I’ve never heard of it.

“But at the same time, I’ve used rack-grade M4 triggers to drop 300m targets out at the National Guard range without a problem. And so I love a nice trigger, but I know how to manage a trigger, so I could get by with whatever you hand me. But if people think that is a skill that comes easily, they’re wrong.”

Is there a case for having a hard-to-run AR when you’re learning? Sweeney says no, but “the comparison many people make is to musical instruments. If your parents want you to learn the violin, they should start you out on the best violin they can possibly afford because it will be easier for you to get a good sound out of it.

“But let’s say you’re a brand-new AR shooter, and somebody talks you into shooting a 2-pound trigger. You’re just as likely to build bad habits as you are good habits. If you’re a new shooter and want to get a trigger to learn to shoot with, you want something in about the 4½- to 5-pound weight limit. You don’t want 7½ to 8 pounds that the military will accept, but you don’t want the 2 pounds that your local gun club grandmaster and 3-Gun shooter use, because you will build bad habits with a light trigger.

“And it’s the same with optics: A magnifying scope doesn’t help you shoot better; it helps you see better. I want to say people should learn to shoot with iron sights, but nobody’s going to do it. It’s like saying you should learn to shoot shotguns with a pump-action, but they’re not going to do it; or you should learn to drive an automobile with a stick shift, and they’re not going to do that, either.

“So get a red-dot sight, learn to shoot with it and get a 4- or 5-pound trigger, and you can build good habits.”

The Geissele Super 3-Gun trigger ready to go to work in your lower receiver.



malfunctions we associate with that particular problem.

And I told the officers, “You should get that corrected, but we’re going to have a test here.” And sure enough, it was a five-day class, and I think it was the afternoon of Tuesday that these

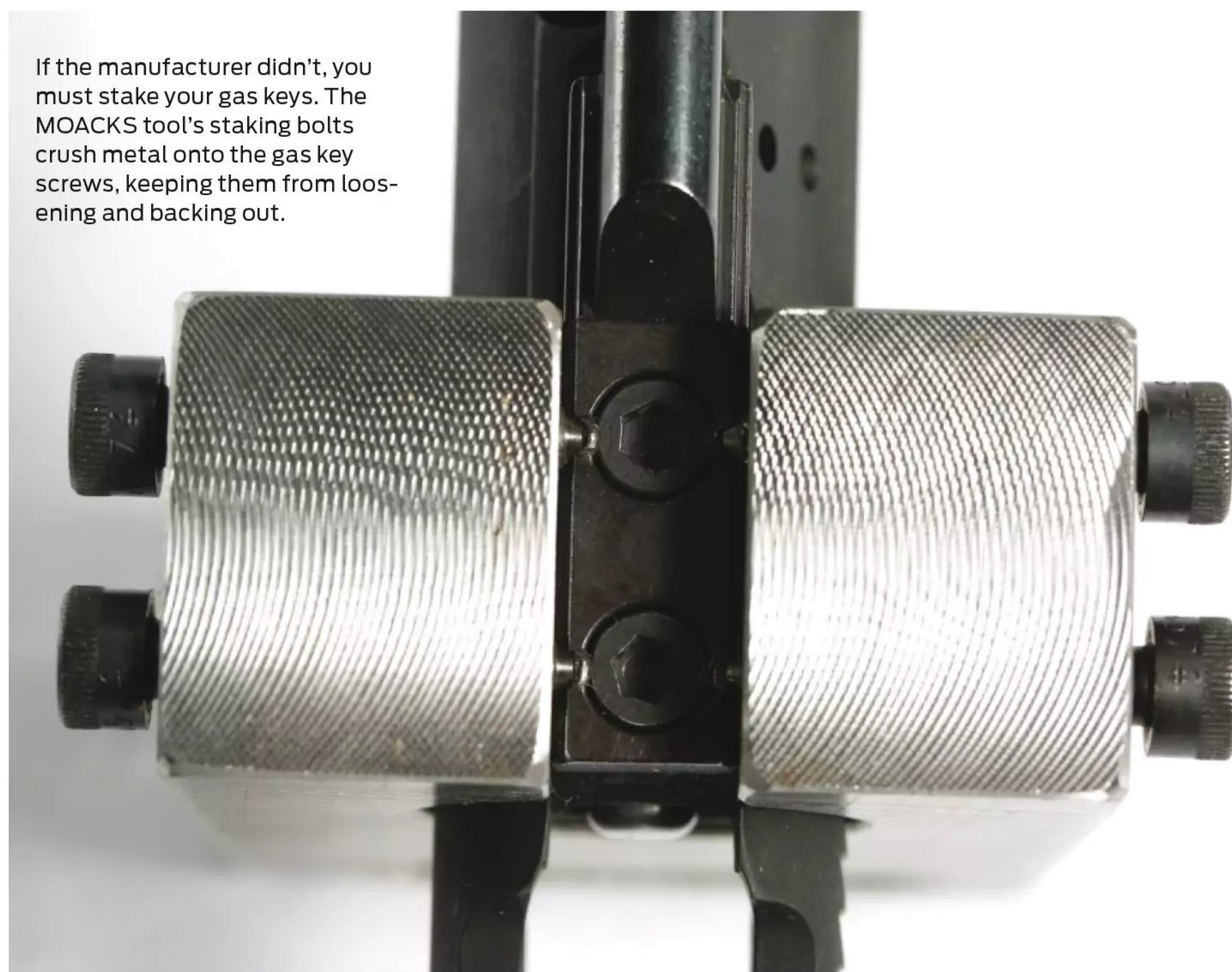
guns started having problems. So I used my gauge and reamer from Ned Christiansen to gauge each barrel and make sure it was [5.56], and if it wasn’t, to ream it out.

One *proviso*: If you have a barrel that has been Melanite treated, you don’t ream it because it’s harder than any reamer you’re going to put in there.

GD: OK, what’s your next step?

SWEENEY: Next, we go to the bolt and carrier and make sure that the gas key is properly staked. And if it’s not, take it off, clean it up, tighten it back

If the manufacturer didn’t, you must stake your gas keys. The MOACKS tool’s staking bolts crush metal onto the gas key screws, keeping them from loosening and backing out.



PREPARE FOR THE WORST WHEN YOU **CARRY THE**

BEST

The right medical gear
can be the difference between
LIFE & DEATH

DISCOVER
more life-saving
Kits & Gear at
NARescue.com



Don't Be Fooled By Counterfeits!

The **Genuine C-A-T®** Tourniquet
is the **Fastest, Safest**, and most
Effective prehospital
field tourniquet
in the world!

REV110823

ITEM#:	COLOR:	DESCRIPTION:
A. 85-0889	Orange	Range Trauma Aid Kit - Hard Case
B. 80-1051	OD Green	ROO M-FAK - Basic
C. 82-0032	Coyote	I-ROK - Basic
D. 80-1161	Navy	Rigid TQ Holder w/ Shirt Shield
E. 30-0023	Orange	Combat Application Tourniquet®

***Check out NARescue.com for more kits, colors, and options!**



Available from our Authorized Distributors or by contacting...

NORTH AMERICAN RESCUE®

www.NARescue.com • 888.689.6277

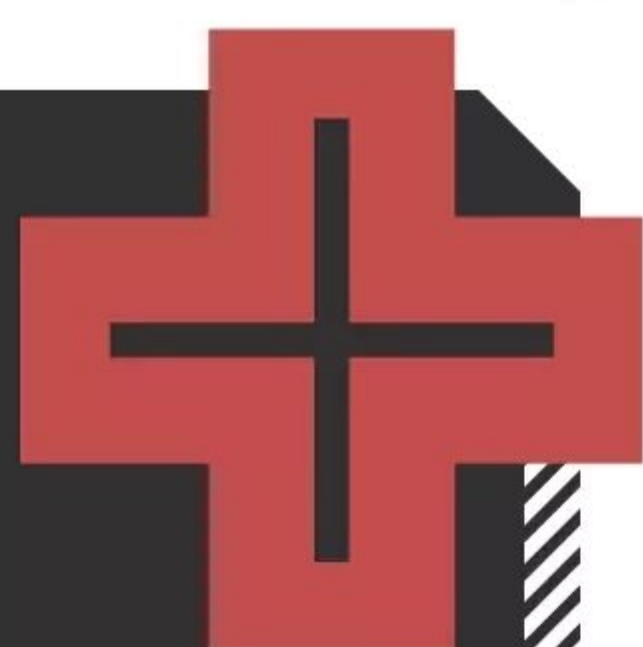
down with Loctite and stake it. Because if your gas key comes loose, you'll lose gas pressure, and you've got malfunctions—the always “oh my God moment” of short-stroking AR-15s.

Back in the early days, everyone assumed short-stroking meant that the people who made the barrel hadn't drilled the gas port out large enough. People would go in there, hogging out gas ports ... they would drill out the gas port to feed more

The EOTech Holosight uses a clamping bar pulled tight with a screw. EOTech tells us not to use Loctite on the screw, but experience tells us differently.



WHAT AR OPTICS DO THE PROS USE?



GD: You write a lot about different accessories, different optics and things like that, but where are you today? Are you putting a certain red-dot on every AR you get, or are you experimenting with all sorts of stuff because of your work?

SWEENEY: I use everything. But you know, if the bad guys were kicking down the front door and I was going to run out the back door and snatch one rifle, that rifle is going to have an EOTech. It'll also have a few other things, but it's going to have an EOTech on it because, big field of view, great big 68 MOA circle, so that if it's at 7 yards, and it's inside the circle, even if you're slapping the trigger, you're gonna get a hit.

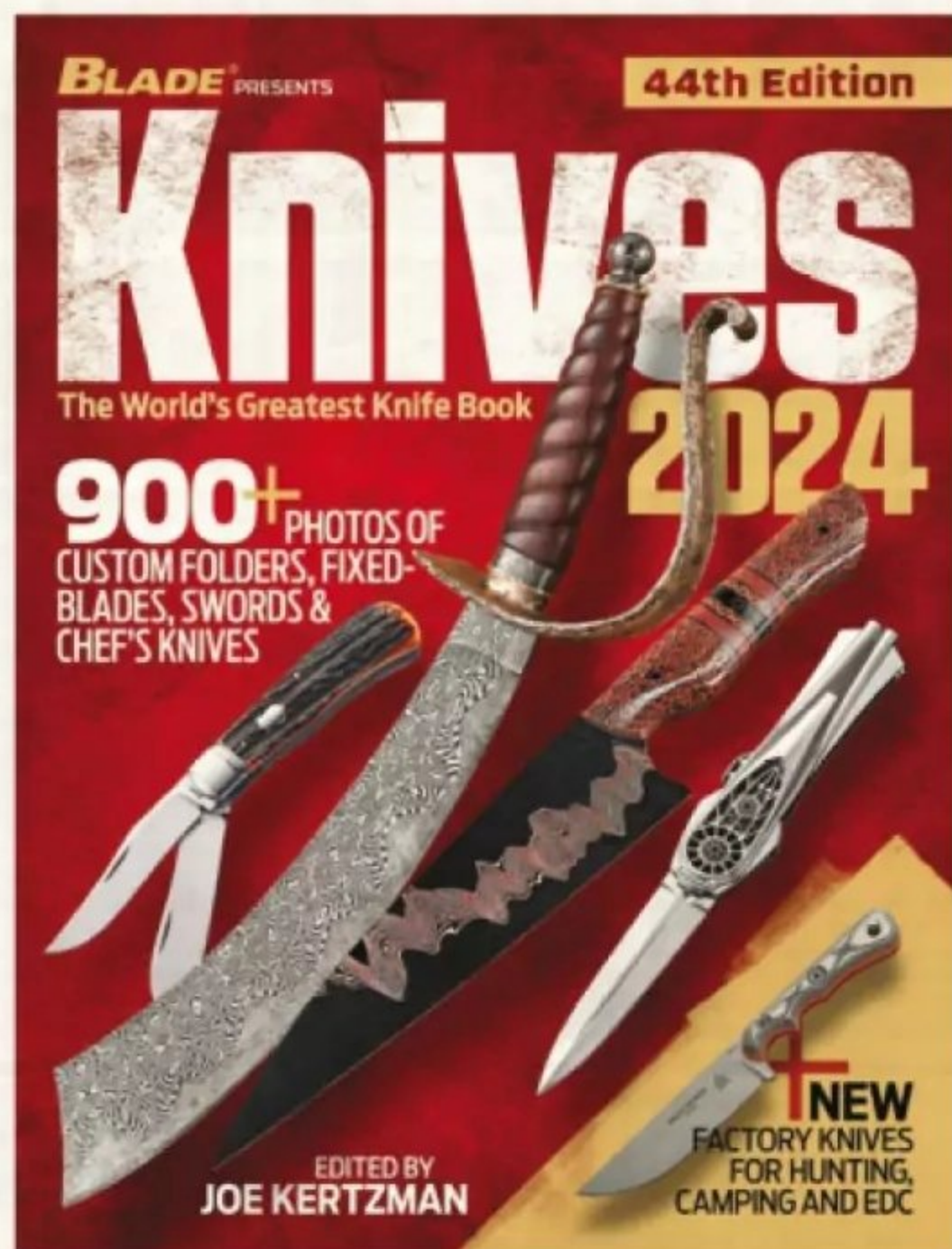
(Right) An excellent tool to tell if you have a .223 or 5.56 leade is the 223/556 Gauge from M-guns.

(Below right) A .223 leade means a “popped” primer. In this case, the primer ended up in the locking lug recess and kept the rifle from firing. Don't blame S&W: This is not their upper on that lower.

(Below) This is the result of using the reamer from Ned Christiansen. A clean, 5.56-length leade that will control pressure spikes in your rifle.



Your Guide to the Knife Life!



PRODUCT NO. R8150

\$39.99

Order online at
ShopBlade.com
or call **920.471.4522**

Inspire

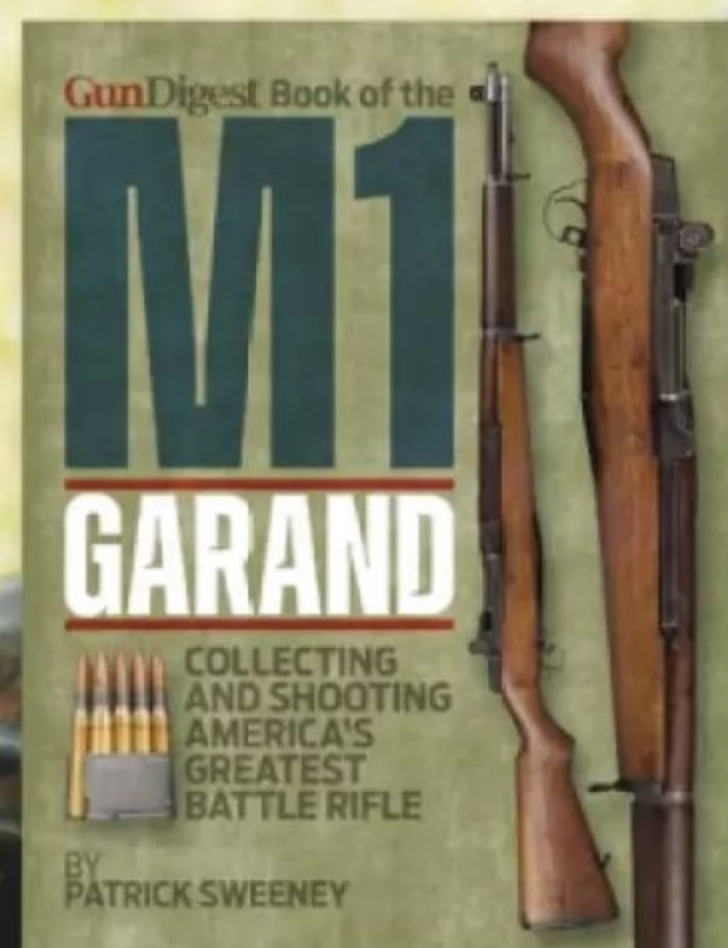
THE FINISH WORKS

TURNBULLRESTORATION.COM/FGD
585-496-9185 • QUOTES@TURNBULLRESTORATION.COM

TURNBULL RESTORATION

PING! IT'S THE M1 GARAND!

Photo: CMP Archives



256
FULL-COLOR PAGES!

If you've ever unleashed the awesome firepower of a well-worn wood and steel M1 Garand followed by hearing that distinctive "ping" when the empty clip flies free, you'll understand why the WWII-era rifle remains as popular as ever with today's shooters. Whether striving for better accuracy, building a collection, or growing your knowledge about "the greatest battle implement ever devised," leading Gun Digest author Patrick Sweeney has put together a book you **MUST** have.

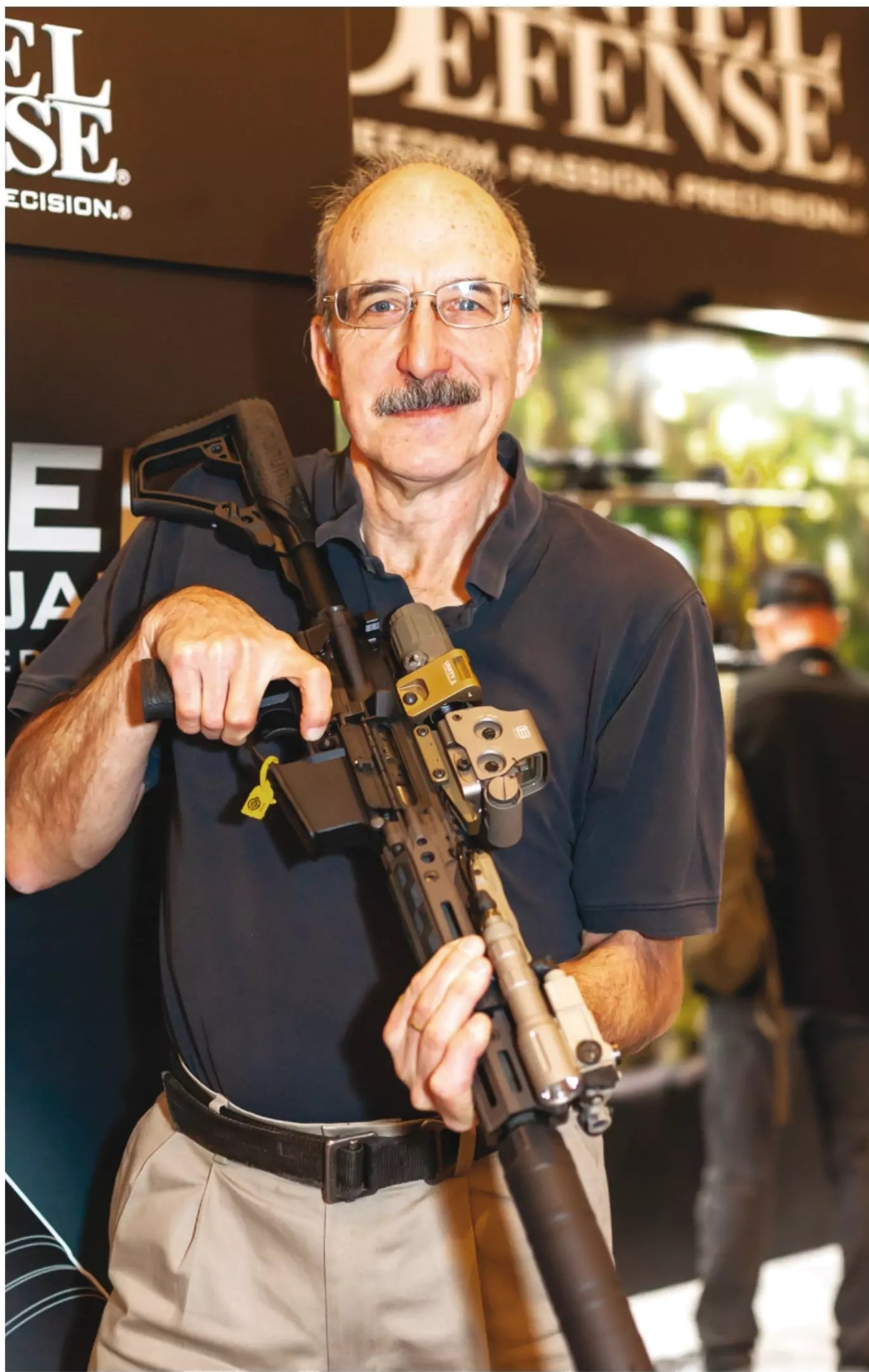
What You'll Find Inside:

- › Garand genesis and evolution
- › Full manual of arms for the rifle
- › Details about buying a quality Garand
- › Valuable accurization secrets
- › And much more...

ORDER ONLINE AT GUNDIGESTSTORE.COM
OR CALL 920.471.4522

PRODUCT NO. R8170





gas to the leaky gas key so that the gun would cycle properly. And if you fit the gas key properly, so it wasn't leaking anymore, all of a sudden, your brass is going off into the next county because, oh, they drilled out the gas key. No! Leave the gas ports alone.

Then, it's onto extractors. If you don't have an O-ring, or better yet, a defender on your extractor, your extractor's under tension. The Army says carbines

need the gold spring and the O-ring, but rifles don't. The Army's wrong. Every AR-15/M16, regardless of barrel length, needs all the extraction you can get on it.

From there, it's back to the buffer. Personally, I like to run the heaviest buffer that the gun will properly cycle with. And some people like to tune it to this or that ... but if it's a standard buffer and the brass isn't getting thrown

Sweeney shared his bare-bones essential checklist with *Gun Digest* at SHOT Show 2023. He advises never to assume your new AR-15 is dialed in. Follow this checklist and be sure it's right.

too far, I'll probably leave it alone. But I'm just as likely to throw a standard buffer into the bin with all the other standard buffers and put in an H or an H1.

The next thing is the castle nut on the buffer tube. It has to be staked. Now, I don't care if your friend says you can torque it up tight enough or if you've got the super-great Loctite that will hold it tight. It's gotta be staked.

Last thing, the barrel nut must be tight. The specs say anywhere from 30 to 80 pounds of torque. If it lines up with a gas key with 30 ft-lb, I'm not sure I would go with that. I'll yank it apart and put in a shim to get it to time up somewhere above 30 ft-lb.

But if you take a no-name AR and do all those things to it, it will run. You may not have the MOA rifle that everybody promises you is your birthright as an American to have, but it'll run.

GDTM



Want More?

For more in-depth tips and step-by-step instructions on essential AR-15 tasks, pick up a copy of Patrick Sweeney's *Gunsmithing the AR-15: The Bench Manual* at GunDigestStore.com.

WWW.RECOIL.TV

RECOIL TV

HONEST. RELEVANT. UNFILTERED.

THE PREMIER AUTHORITY FOR FIREARMS NEWS AND MEDIA
THE WAY YOU WANT AND DESERVE.



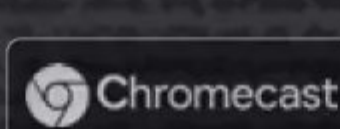
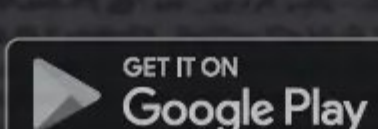
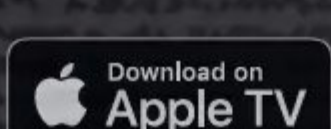
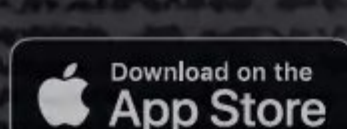
RecoilTV is a 2A friendly streaming platform created to entertain and inform you on the latest guns and gear associated with the firearms lifestyle.

DOWNLOAD THE FREE APP



PRESENTED BY

AVAILABLE ON



SEE THE BANNED
YOUTUBE GUN CONTENT

RIMFIRE RIFLESCOPES

A complete guide to finding a scope for your rimfire.

The biggest hurdle for new shooters interested in precision rimfire always seems to involve optics. There are turrets, and parallax, and complicated reticles and debates over minutes-of-angle (MOA) versus milliradians (MILs). Coming from a hunting background or another discipline like silhouette where you held the crosshairs on the target, a

more complicated aiming system can feel overwhelming.

It does not help that “rimfire” plus “scope” just meant crappy for the longest time. The glass was inferior. The adjustments were spotty. Drop one or get it wet, and the scope was toast. Here’s the thing: You don’t need a “rimfire” scope for a “rimfire” rifle. Whether you need an optic for competition or

hunting, most quality centerfire scopes will do the job, yet some are better suited for small-bore work than others.

Shooters define riflescopes by tube diameter. One inch is the classic and most common diameter and is still great for small-game rigs. 30mm is the new standard for tactical and match shooting. 34mm is the super-sized big brother and best-suited for extreme





long-range work. There are now even 36mm beasts like the Zero Compromise optics and 40mm digital range-finding scopes like the Swarovski dS Gen II. The fatter the scope, the more room for elevation adjustment, thus the more you can spin that turret for a dead-on hold way downrange.

Consider this example. The 30mm Vortex Diamondback Tactical 6-24x50 FFP—a popular base-class NRL22 optic—has 19 MRAD or MILs max elevation adjustment. That means if you zero the scope at the bottommost point, you can compensate for 19 MILs of bullet drop. With match-speed .22 LR and the scope zeroed at 50 yards, that's enough reach to connect to about 350 yards. The Vortex Strike Eagle 5-25x56 FFP with a 34mm tube brings 31 MILs of max elevation adjustment. That equates roughly to 470 yards of possibility. Keep in mind, this is theoretical as it's difficult to zero scopes at their lowest elevation setting, and the equation changes with tapered rails and scope rings, as we'll soon see. This example demonstrates the leap in max range one gets with a 34mm tube over 30mm. Compared to a classic 1-inch scope, the difference is planetary.

MOA VS. MILS

You make riflescope elevation and windage adjustments in MOA or MILs. To make things confusing, MILs are often also abbreviated as MRAD. They are the same thing for practical purposes. MOA and MILs or MRAD are angular measurements over a given distance rather than a linear distance. With a linear measurement, an inch is an inch. With angular, the value changes based on distance. I visualize this like a laser

beam shooting directly from my barrel's bore through targets from 100 to 1,000 yards. If I change the degree of that beam to mark a spot 1 foot over the target at 100 yards, it'll put the beam dozens of feet over the target at 1,000 yards. MOA and MILs are units that measure how much I'm moving that laser beam at the rifle to determine where it will hit at various targets downrange.

One MOA equals 1.047 inches at 100 yards and 10.47 inches at 1,000 yards—not 1 inch and 10 inches, as many wrongly believe. (This difference of 0.047 inch matters at distance, especially with rimfire where the elevation drops quickly.) One MIL equals 3.6 inches at 100 yards, which equates to 36 inches or 1 yard at 1,000 yards. Scope adjustments in MOA are usually 1/4 MOA per “click.” MILs are often .1 or .2 MILs per click or less. Some wrongly conclude that MOA has more subtle adjustment than MILs, but it's a toss-up. A typical one-click adjustment in MOA is 0.25 inch at 100 yards, whereas MILs can go as low as 0.18 inch at 100.

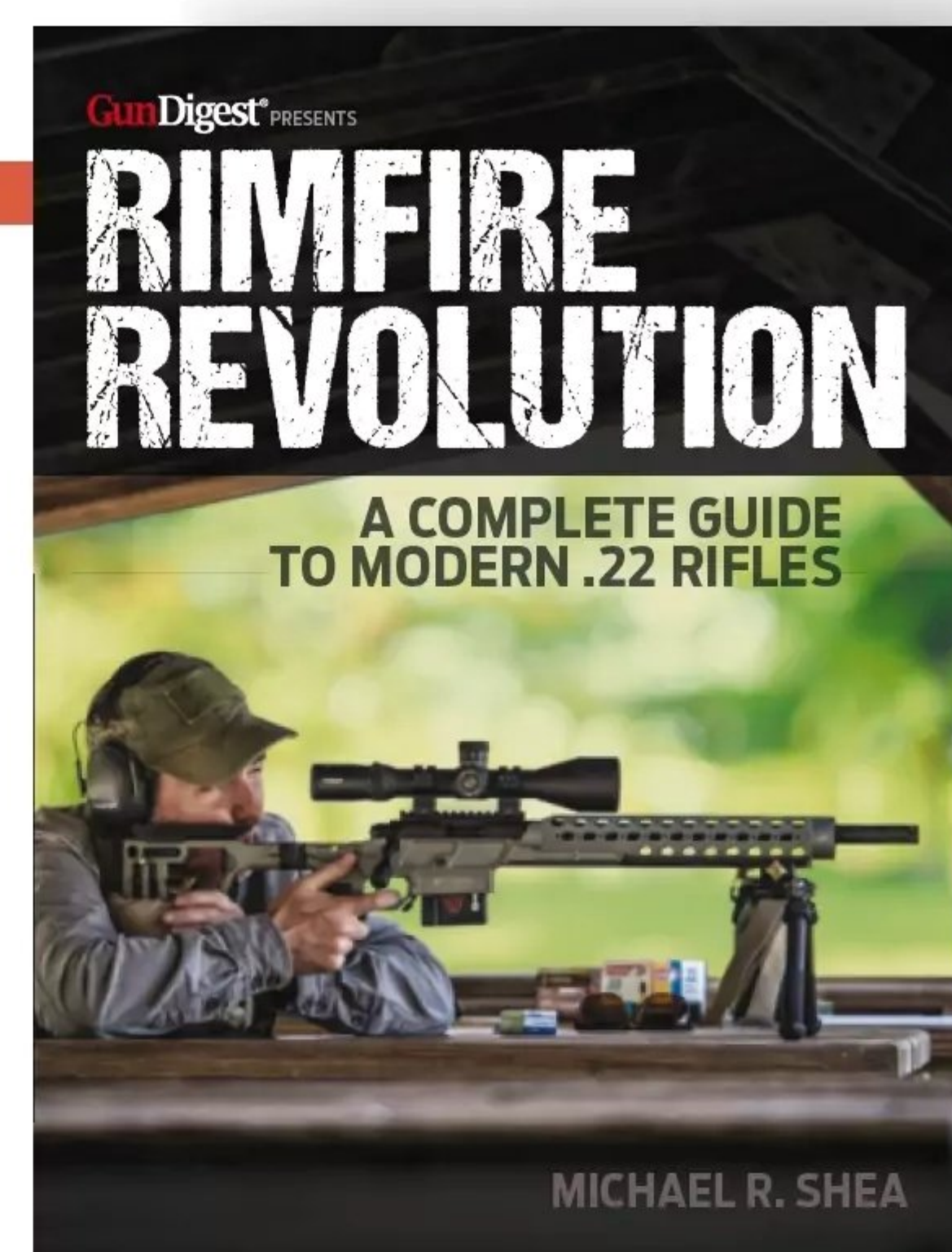
You can convert an MOA value to MILs by dividing it by 3.43, a MIL to MOA by multiplying it by 3.43. So, which is better?

Neither system is inherently better or worse. A shooter with experience who understands one approach over the other should stick with what they know. But new shooters, or shooters who want to dive down the long-range rabbit hole, should lean toward MILs. MILs are the standard measure for the U.S. Military and are used worldwide, unlike MOA that's only used in a handful of civilian markets—and is rapidly going out of style. Reasons for that are multiple, but at its root, if you learn

both systems, you'll see that computing MILs quickly in your head is generally faster than MOA. MILs “click,” at least for me, in a way that MOA struggles, mainly because in MIL calculations, it's possible a lot of times to move the decimal place.

To learn the precision shooting language of MILs, I strongly recommend Ryan Cleckner's *Long Range Shooting Handbook: The Complete Beginner's Guide to Precision Rifle Shooting*.

MILs is the language of most precision shooters. You're more likely to talk shop and get help in MILs at a match than MOA. Also, when using ballistics programs to solve long-range shooting problems, MOA can create issues. Some optics manufacturers have incorrectly set MOA on their scopes for 1 inch at 100 yards instead of 1.047 inches.



All Things Rimfire

This article is a small sampling of what's between the covers in *Rimfire Revolution: A Complete Guide to Modern .22 Rifles*. To get your hands on a copy, go to GunDigestStore.com and search “Rimfire.”

Tricked out and ready to party. A precision rifle on the line at an NRL22X match in January 2020. Photo credit: Conx Media



If your ballistics program is calculating based on 1 MOA equaling 1.047 inches, but your optic is adjusting 1 MOA equals 1 inch, you could miss the target. That's especially true in long-distance rimfire shooting, where you need to make significant scope adjustments at not-so-big distances. A 0.047-inch error can compound very quickly in .22 LR. It's also a challenge to figure out if an MOA riflescope uses 1.047- or 1-inch adjustments. Nikon always used 1.047 for MOA, but Vortex uses 1 inch. If you go MOA over MILs in precision optics, you may have to call customer service to get the numbers straight. If, as I did, you shoot both Nikon and Vortex MOA optics, you need to make sure you change the MOA value in your ballistics program to get accurate results for each rifle system.

MILs, being universal, avoid all this rigmarole.

With scope size determined and the MOA versus MILs argument decided, there are five factors to consider when settling on a precision optic for rimfire: parallax, focal plane, reticle design, turrets and magnification power. Let's look

at them:

ADJUSTABLE PARALLAX

If you've ever seen the reticle (cross-hairs) of your scope float or come in and out of focus while on target, you've probably noticed the phenomenon of parallax. The reticle and the target are no longer on the same focal plane within the scope's main tube. The difference between focal planes becomes exaggerated at extremely close and far target distances—decreasing accuracy and

obscuring the reticle. Some scopes allow you to manually adjust for this and bring everything into focus at specified target distances, while others have fixed parallax at a specific range.

Most centerfire scopes with fixed parallax are factory-focused, around 150 to 175 yards—too far for typical rimfire applications. Manufacturers set fixed parallax rimfire scopes at 50 or 60 yards, which can work fine for small game hunting but make 20- or 25-yard shots—standard in many small-bore



sports—a blurry mess. For any precision small-bore match scope and most hunting scenarios, I recommend an adjustable parallax down to at least 25 yards.

Most tactical-inspired and long-range centerfire scopes have a side knob for parallax adjustment, sometimes called “side focus.” Bench shooting target scopes often have the parallax control built into the objective bell, called “Adjustable Objective” or AO. Side controls are easier to run when jumping between near and far targets within the same shot string in a match. AO controls work fine when you have plenty of time. For match shooting, I highly recommend adjustable parallax via a side focus knob.

FOCAL PLANE

There are two locations within the tube where makers install the reticle. If the reticle goes in toward the objective lens (the front of the tube), that’s called first focal plane (FFP). If it goes in near the ocular lens or the back of the tube, that’s called second focal plane (SFP). When dialing up the magnification on a FFP scope, the reticle will grow larger. In SFP scopes, the reticle will appear the same size no matter the magnification. There are pros and cons to each.

Many long-range shooters and hunters have migrated to FFP scopes because reticle holdover values don’t change with the scope power. In other words, if every hash mark along the vertical stadia (the main crosshair line) represents 1 MOA at the lowest power, they still equal 1 MOA at the highest magnification. The second hash under the central crosshair equals 1 MOA drop at 4x power and 16x power. FFP scopes are a significant advantage in some precision matches where single-stage targets may be from 20 to 100 yards or beyond, and the shooter must change scope magnification and hold-over within the shot string. An FFP optic’s drawback is that the reticle can be small and hard to see at the power range’s low end. In my NRL22 matches, many older shooters struggle to see the

Are MILs or MOA turrets and reticles right for you? Use what you already know, but if you’re starting new, the author recommends MILs.



FFP reticles when turned down to 4x and 6x or even 8x. FFP systems are not for older eyes. Hard-to-see reticles also don’t work well while hunting, where you might have to tease out a squirrel head in a tangle of branches and leaves. Fat, clear, stadia work much better.

Second focal plane scopes work well in these situations, and old or bad eyes can usually find the mark quickly. The classic duplex reticle draws the eye to the center and makes for high-speed target acquisition. SFP scopes also tend to be less expensive than FFPs, but the former can cause trouble when you use the reticles for drop compensation.

Several years ago, I was on a pronghorn hunt in Wyoming. I had a .25-06 with me and tagged out on the first morning. A friend had long wanted a .25-06, and as we talked about it, I suggested he borrow my rifle to get his goat. Taped to the stock’s side was the bullet drop for that SFP reticle when at the full 16x power. My friend came back after that first day discouraged. He had missed a shot at 400 yards—sailing the bullet over the old buck’s back. The animal was grazing broadside. He had a steady rest and decades of Western hunting experience that made this shot—he thought—a layup. He had used my DOPE chart on the side of the stock, and when he shot,

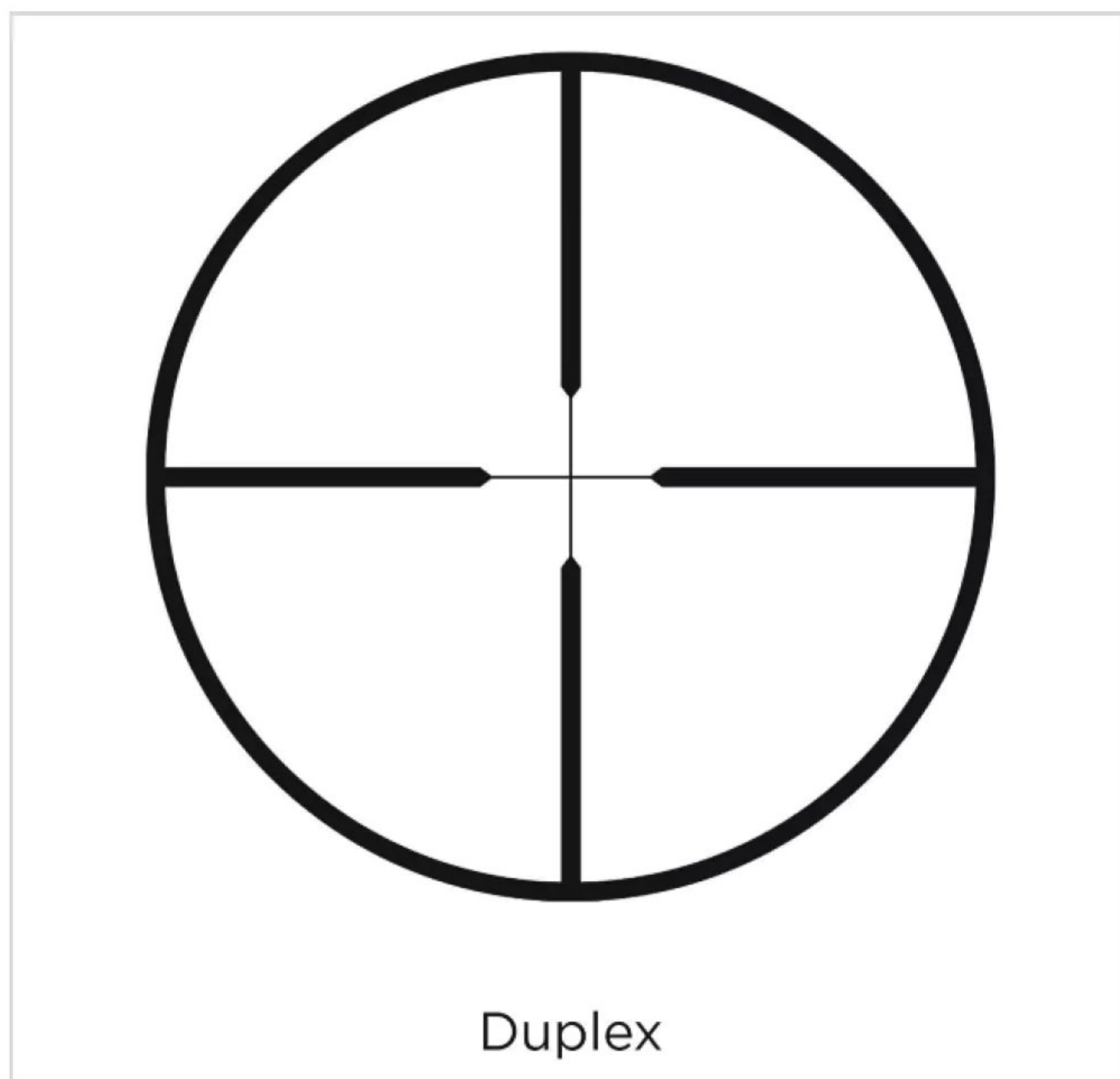
the scope was at 14x. At that magnification power, my chart was worthless. That’s a rare situation, but it goes to show how “off” a reticle can be within an SFP scope if you don’t pay careful attention to magnification. In the more likely event of moving fast through a competition stage, running different targets at different scope powers could be a real liability.

RETICLE DESIGN

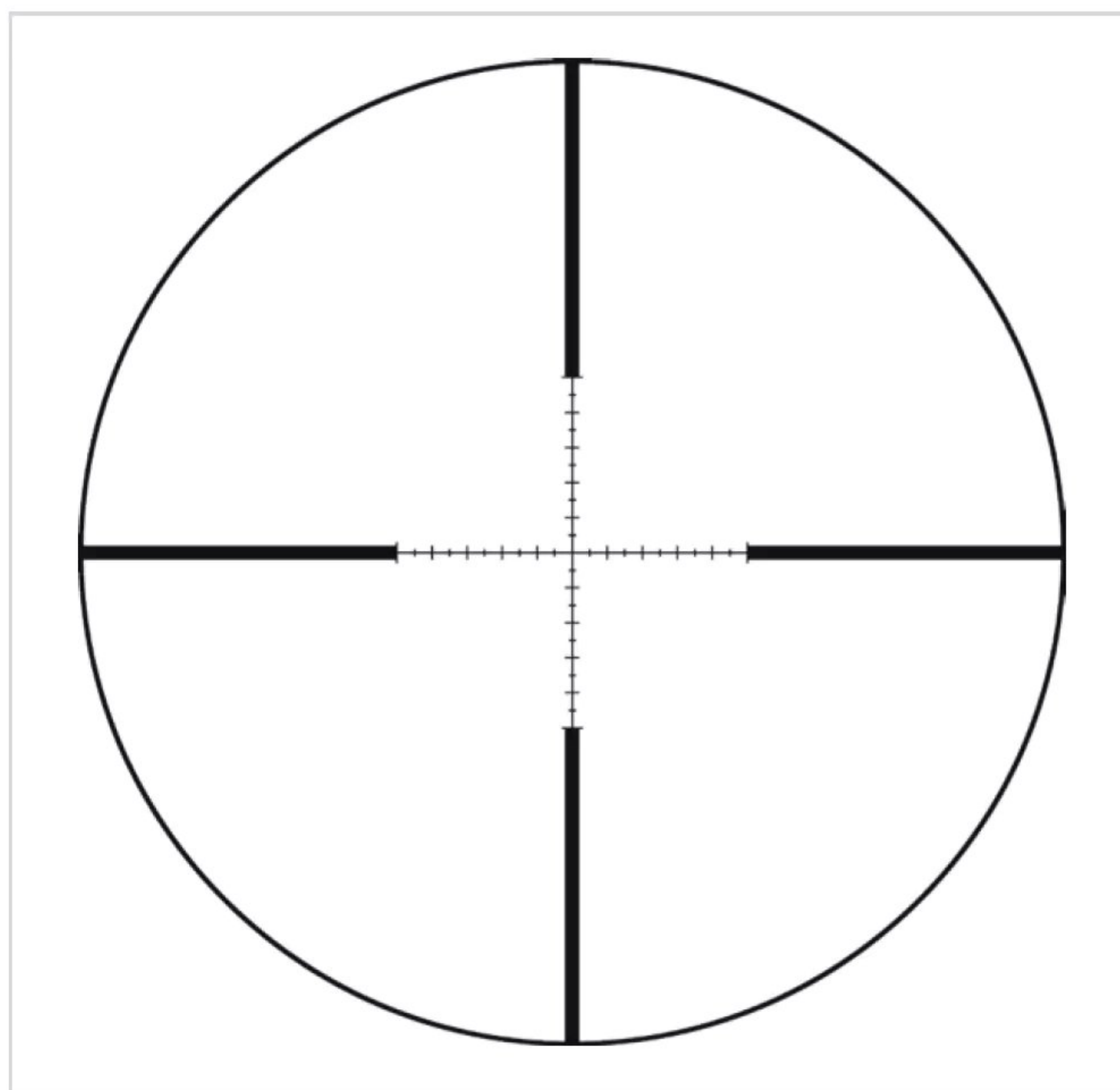
In the last few years, no part of the riflescope has been designed and redesigned more than the reticle or aiming point. For hunting with laser-flat .17 caliber, it’s hard to beat a simple duplex crosshair. Developed in the 1960s by Leupold, the duplex uses four heavy crosshair lines that taper down to fine lines where they meet in the center. This design makes placing the crosshairs on a target fast, and it always provides a clean sight picture. When shooting slow rimfire loads like .22 LR, bullet drop is more of an issue. For hunting work, .22 LR Ballistic Drop Compensating

The Athlon Argos BTR is a first focal plane (FFP) optic.

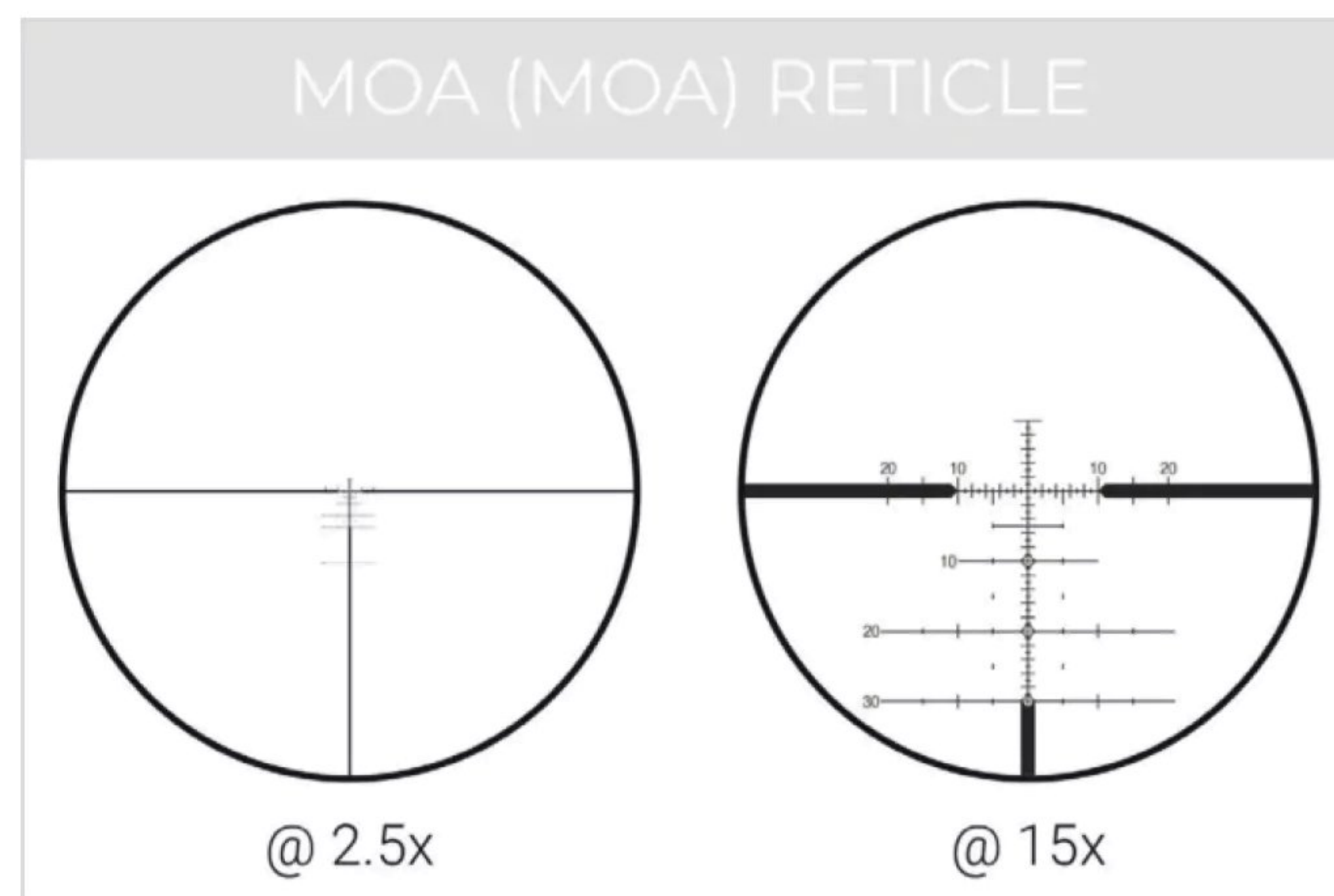
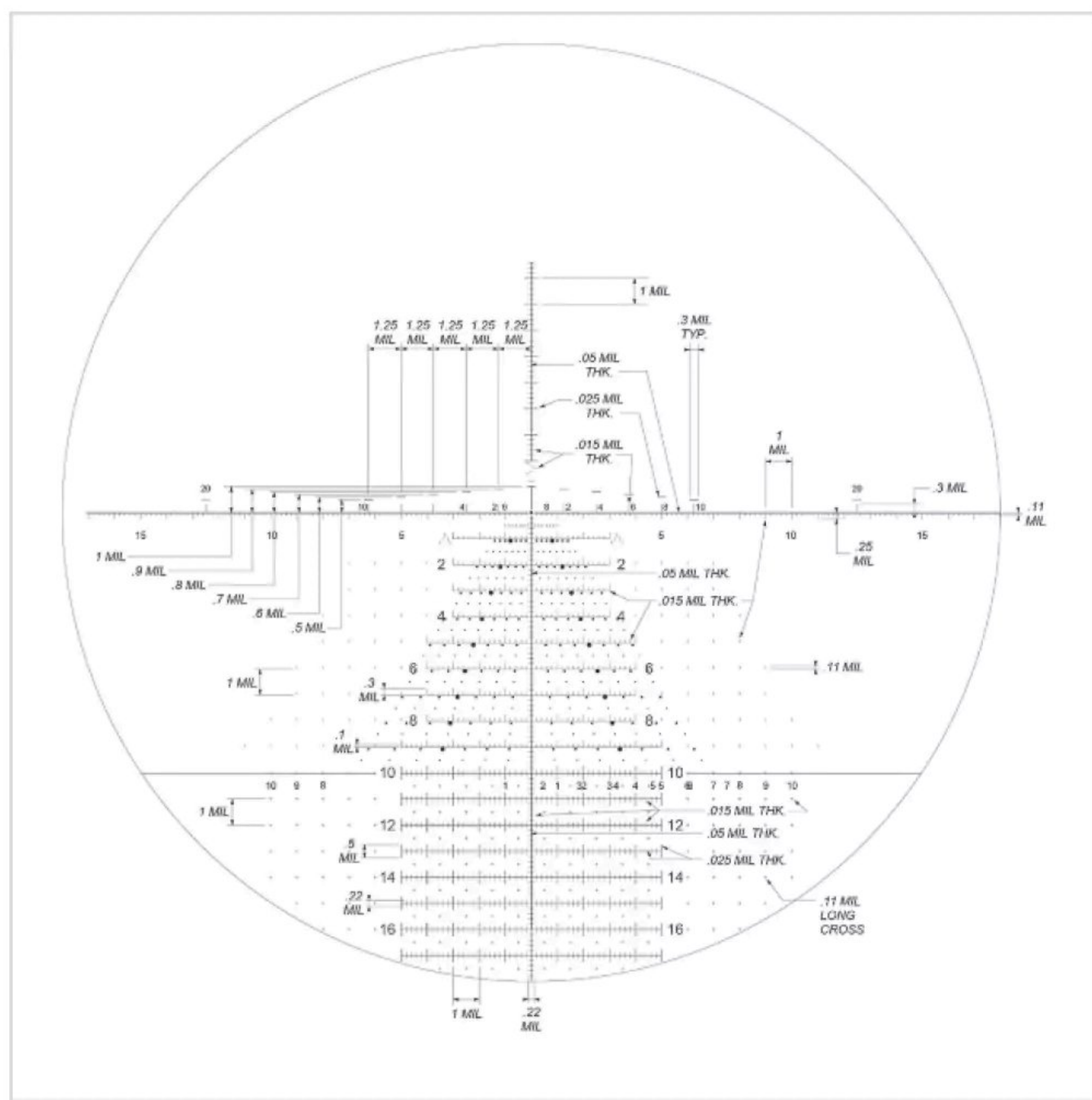




A classic duplex reticle.



A clean duplex-style reticle with MOA hash marks.



(Above) A Maven MOA reticle in an FFP scope, as seen at 2.5x and 15x. Note the size difference.

(Left) The tech specs on a Nightforce Tremor3 reticle.

(BDC) reticles, like those in the now-discontinued Nikon Prostaff Rimfire series, can work very well. Tract Optics and Hawke Optics have picked up the slack, producing dedicated rimfire BDC scopes that are not junk like many “rimfire” scopes. BDC optics have reticles with hash marks tuned to either standard-velocity .22 LR, high-velocity .22 LR, or .17 HMR, indicating where the bullet will impact at longer ranges. It takes some trial and error to figure exactly where the hash marks and

downrange impacts line up, but once you figure it out, it’s a fast and elegant solution for a hunting or plinking rifle.

Competition reticles can quickly become complicated. Rather than hash marks indicating likely holdovers by caliber, each line may represent a certain number of MOA or MILs. The sub-tensions or white space between the hashes all have a set value, too. The finer these marks are, the more precise the measurement, theoretically. But too many marks can quickly clutter the

sight picture, particularly for a shooter who has spent their life using a duplex. That is especially the case with FFP scopes on low magnification, where a complicated reticle can look like smudged ink. But, when lying prone 100 yards or more from your target with match .22 LR ammo that drops like a brick, all those hash marks become very handy.

Different optics companies run various reticles, but there are a few standards. The Horus H59 started a revolution of “Christmas tree-style” reticles and quickly became the standard for many elite marksmen. Below the centerline is a grid laid out in 0.2-MIL increments that make for exact drop calculations and fast follow-up shots. It’s



MODEL 20

THE ALL-NEW NULA

ULTRALIGHT BOLT-ACTION RIFLE

Wilson Combat has spared no expense in the development of the new generation New Ultralight Arms line of bolt action rifles.

Wilson Combat has taken the Melvin Forbes legendary rifle design and integrated several improvements by leveraging modern manufacturing methods and our 45 years experience producing industry leading quality firearms. The modern NULA rifle takes Melvin's time tested design to the next level of accurate and dependable bolt action rifles.



Scan QR Code or Visit
WILSONCOMBAT.COM
to Learn More.



WILSON COMBAT



TIMNEY ELITE
HUNTER TRIGGER



SUB 1"
MOA



CARBON
FIBER STOCK



4.94 LBS
TOTAL WEIGHT*

*4 lb. 15 oz to 5 lb. 4oz
(depending on caliber and barrel length)

RECREATED

OUR PRODUCT HAS BEEN COMPARED TO
HANDMADE JEWELRY, BECAUSE IT'S MADE BY PEOPLE
WHOSE CRAFT TOOK YEARS TO DEVELOP. AND YOU CAN'T
**RECREATE CRAFT IN ANY KIND
OF ARTIFICIAL WAY.**

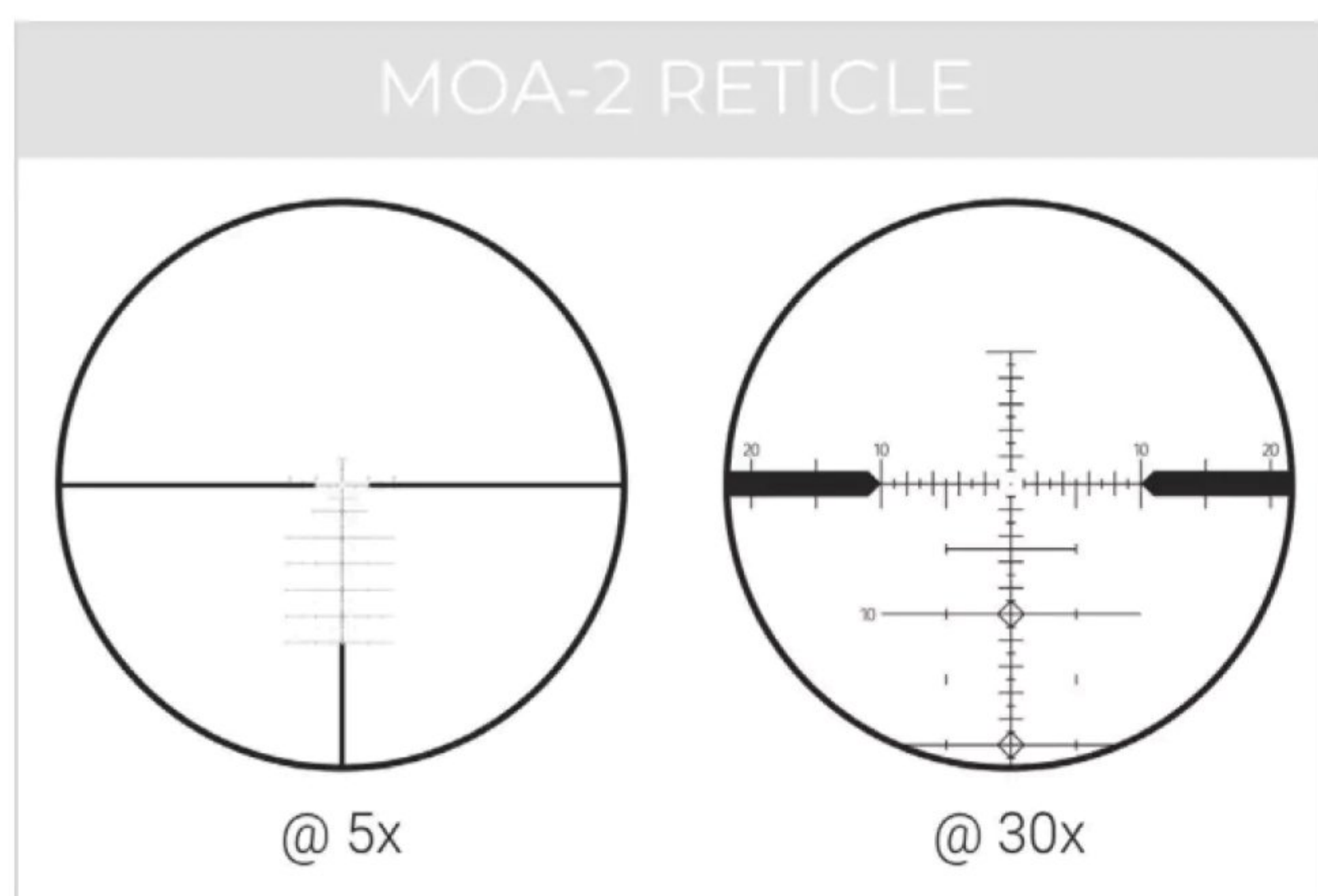


Ammunition

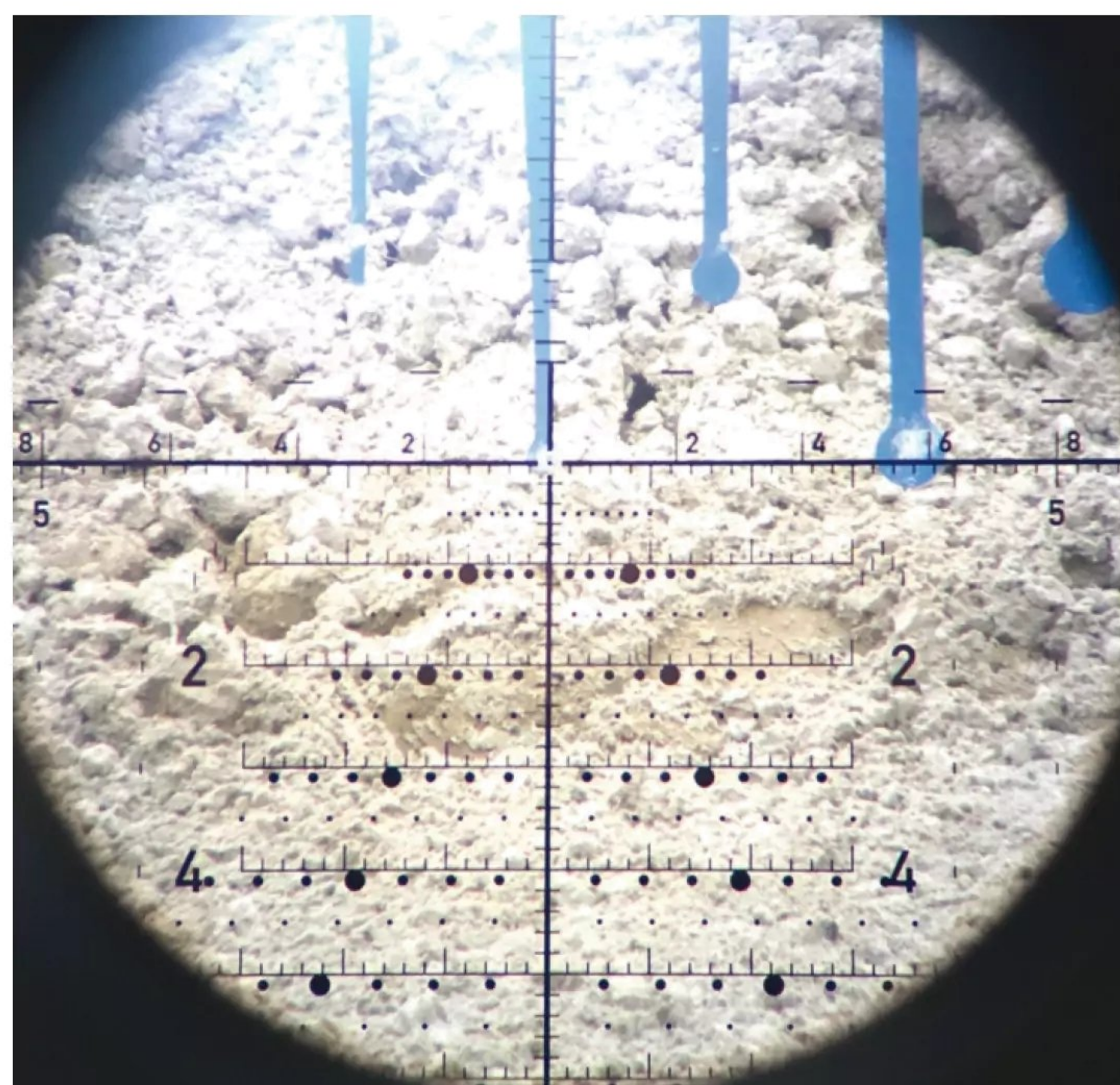
TO LOCATE A DEALER NEAR YOU, PLEASE CALL 800.568.6625

www.black-hills.com





A Maven FFP at 5x and 30x.



(Left) The stock turrets on the Maven scope.

(Above right) A know-your-limits rack at 50 yards as seen through a Nightforce. Photo: Greg Hamilton

clear to see where the first shot landed, then hold that spot in the reticle for the second shot. At first blush, a system like the H59 and the many similar reticles it spawned can look like a complex geometry problem but spend some time with them on the range, and it comes together quickly. Like understanding MILs, these reticles make good sense with a little time spent behind the trigger.

TURRETS

For the most part, there are two kinds of turrets available on riflescopes. You can get either exposed turrets, which allow for manual adjustments in the field, or capped turrets usually adjusted once when zeroing a rifle, then left alone. Most precision shooters use adjustable turrets, which allow you to dial-in precision shots for a given range.

For a .22 LR with a 50-yard zero, the crosshair center is still an accurate hold from 20 to 60 yards or more, depending on ammo velocity. Push out beyond 60

or 70 yards, and the shooter has a decision to make: Use the hash marks on the reticle to hold over the target, or spin up the turret and hold the center. In a PRS-style rimfire match, if the stage involves shooting a close target, at say 30 yards, then jumping to a 100-yard plate, most shooters use the reticle. If target distances are fixed at 65 yards or more, dialing the turrets is a more elegant solution. However, for extended-distance rimfire shooting, like the developing sport of Extreme Long Range rimfire—or when clipping varmints across the plains—adjustable turrets are necessary.

I'm partial to turrets that lock. To spin them, you pull up on the turret, which lets it click free. Push the turret down, and it won't move on you. Many less expensive tactical scopes don't have locking turrets, which strikes me as a risk while afield.

When you're in the woods chasing squirrels or rabbits, all turrets tend to just get in the way. Most of the shots

taken at small game are inside 60 yards, anyway. I've played with optics with complicated reticles and turrets on hunting rifles and have migrated away from them. Duplex reticles and capped adjustments work for me in the hunting woods, complicated reticles and big locking turrets for competition rigs.

MAGNIFICATION POWER

Magnification is useful, and it's the first thing many people consider when buying optics, but it's probably the least important feature when hunting or competing in a rimfire match. Sure, when shooting from a rock-solid rest at a tiny target 1,000 yards away, 35x magnification is handy, but in most cases, that's not the situation.

Match shooting like in NRL or PRS is often done from compromised and unsteady shooting positions at reasonable-for-caliber distances. The targets are rarely less than 1 MOA in size. Significant magnification can amplify wobbles and shakes and hurt the shot from unsteady rests. Unless you're going long on a varmint or ground squirrel hunt, magnification is even less critical when hunting small game. It's hard to beat 3-9x or 4-16x for a hunting setup. One of the killing-est bushy tail hunters I know spent most of his

A FULLY SUPPRESSED RANGE DAY +

**APRIL
26-27, 2024**

BEN AVERY SHOOTING FACILITY

GUN SHOW



ARIZONA

2024



TRY OUT HUNDREDS OF GUNS, SUPPRESSORS AND OPTICS
+ GEAR FOR SALE + 50+ LANES OF FIREARMS + DAILY GIVEAWAYS

SAVE THE DATE

CANCONEVENT.COM



Dialing elevation with turrets is easy and more accurate for most shooters than using a reticle. Photo credit: Mike Semanoff

career behind a fixed 4x scope. Many run larger scopes with power ranges from 4x to 5x on the low end to 25x or 35x on the high end for match shooting. But all those shooters will tell you most of the time they live in the middle band of that power range. A superior-quality scope with less power than you think you need is often a better call than a lower-quality scope with a massive high-end zoom.

RECOMMENDED OPTICS

What is the best optic for your rifle? That's a hard question to answer and highly dependent on your end-use. As mentioned, I prefer MILs over MOA. I like 1-inch optics without turrets for hunting rimfires because they're lighter and look better on a sporter rifle. For varmint hunting and traditional 100-yard NRL22 competition, I lean toward

30mm optics with locking turrets for the added adjustment and security in rough and tumble stages. For ELR, I like 34mm. Considering these features, I then look at the price. As a general rule, I want the MSRP of the riflescope to match or exceed the MSRP of the rifle. In many shooting situations, especially NRL22, the optic is more important than the gun. Repeat: The optic is more important than the gun. That's because even low-end factory rifles have enough raw accuracy to be competitive at NRL22—or snipe a squirrel at 100 yards—but you cannot say the same about low-end optics.

Some optic manufacturers are ahead of others when it comes to precision. Look at the gear survey from the 2020 NRL22 National Match, and you'll get an idea of who is leading the charge. Of the 68 shooters surveyed, 30 chose Vortex, 11 Athlon and 9 ran Nightforce. If you consider high-end optics (read: expensive), you could add Kahles, US Optics, Zero Compromise, and Trijicon, to that Nightforce in a "money is no object" class of the best riflescopes.

What follows is a roundup of some of the better general interest match and hunting optics, whatever the budget. I've personally shot all these on rimfire rifles and will vouch for them. Optics makers introduce new scopes every year that push the performance level, so this list is by no means exclusive. There are some great scopes not included here. A savvy buyer looking for a competition optic will track what the pros are using in their shooting discipline of choice, such as through the posted National Rifle League gear surveys. You can also follow the very excellent Precision Rifle Blog or track the various benchrest or other shooting organizations in which they compete—most publish extensive winning gear lists. **GDTM**

IT'S OPEN SEASON FOR INNOVATION.

SCAN QR CODE to see our .308 bullets put to the test.

MAXIMUM EXPANSION
 .308 CAL.
 160 GRAIN

CONTROLLED CHAOS
 .308 CAL.
 152 GRAIN

XTREME CHAOS
 .308 CAL.
 160 GRAIN

LEHIGH DEFENSE
 ULTIMATE BULLET PERFORMANCE

SHOP NOW AT LEHIGHDEFENSE.COM

BLADESHOW

Atlanta, GA | June 7-9, 2024

BLADE *Texas*
SHOW

Ft. Worth, TX
Feb 23-24, 2024

BLADE *West*
SHOW

Salt Lake City, UT
October 4-5, 2024



FOR DETAILS ON ALL THREE EVENTS, GO TO

BLADESHOW.COM

CONNECT WITH US AT #BLADESHOW  

PING! IT'S THE M1 GARAND!

Photo: CMP Archives

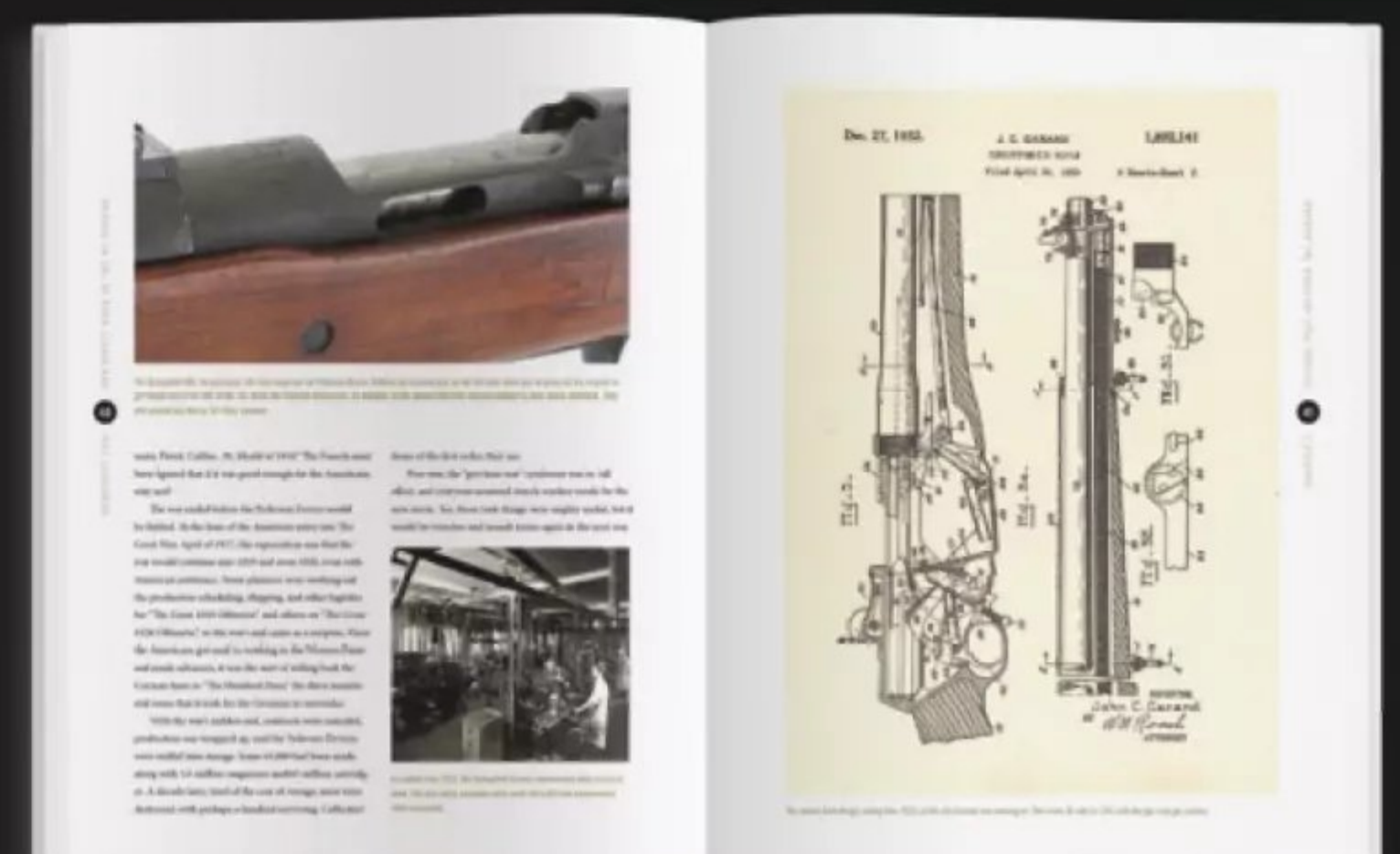
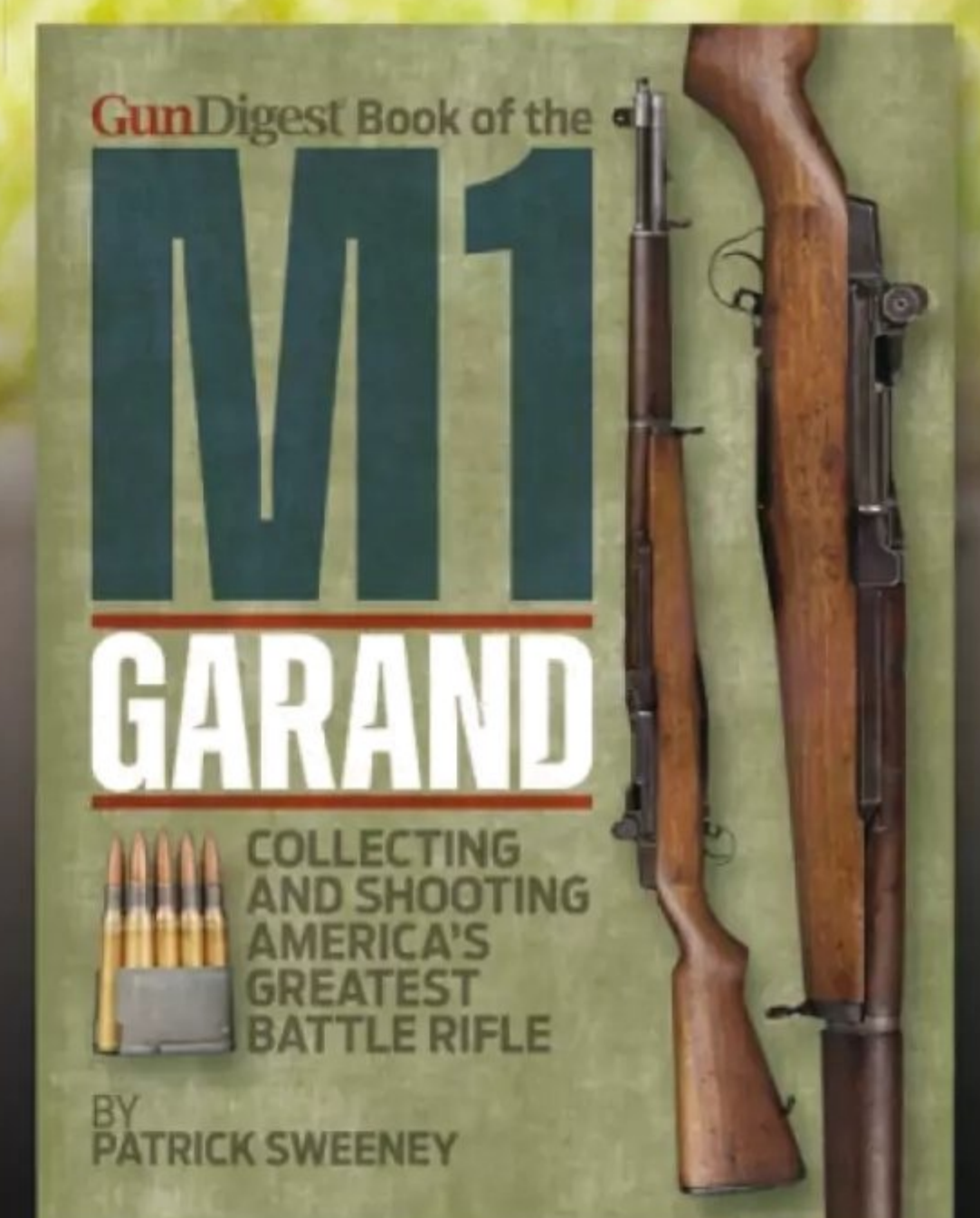
**256
FULL-COLOR
PAGES!**

If you've ever unleashed the awesome firepower of a well-worn wood and steel M1 Garand followed by hearing that distinctive "ping" when the empty clip flies free, you'll understand why the WWII-era rifle remains as popular as ever with today's shooters. Whether striving for better accuracy, building a collection, or growing your knowledge about "the greatest battle implement ever devised," leading *Gun Digest* author Patrick Sweeney has put together a book you **MUST** have.

What You'll Find Inside:

- › Garand genesis and evolution
- › Full manual of arms for the rifle
- › Details about buying a quality Garand
- › Valuable accurization secrets
- › And much more...

ORDER ONLINE AT GUNDIGESTSTORE.COM
OR CALL 920.471.4522 PRODUCT NO. R8170



STAG ARMS' NEWEST PURSUIT



The Pursuit Series is the AR manufacturer's stunning new bolt-action line.

Stag Arms is a company known for its precision ARs, but the Cheyenne, Wyoming-based gunmaker is now expanding into bolt-action rifles—with the release of the Pursuit series. Initially available in nine configurations, Stag Arms promises to offer a completely different shooting experience regardless of your pursuit, whether that be hunting, competing ... or anything in between.

Based on the Remington 700 Short-Action platform, Stag Arms Pursuit rifles are being offered in .308 Winchester with an 18-inch barrel, 6.5

Creedmoor with a 20-inch barrel and 6.5 PRC with a 22-inch barrel.

Regardless of your preferred chambering, all models feature sporter fluted 416 stainless-steel barrels and are sub-MOA guaranteed when using match ammunition. To further aid in accuracy, all models also ship with an adjustable single-stage TriggerTech Primary trigger.

As for the Stag Arms Pursuit rifles' furniture, all guns currently wear a three-piece chassis system that's available in three colors, including black, tan and OD green. The stock's length-

of-pull and cheek riser height are adjustable, and it can be quickly removed without tools for transport or storage.

Throughout the rifle, you will also find a 20-MOA biased rail on the action for mounting an optic, integrated QD cups, a Picatinny spigot, an attachable bag rider and a threaded muzzle. The guns are also AICS/AWS compatible, and each will ship with a Magpul magazine as well as a ½ Arca Swiss plate.

All nine variants of the Stag Arms Pursuit rifle are available now and have an MSRP of \$1,899.99. **GDTM**



AWARENESS • ASSESSMENT • ACTION • ANALYSIS

Curriculum that empowers people Addressing the skills you need so you

A series by Green Beret (Special Forces Sniper) and Tim Kennedy (former top 5 UFC Middleweight).



BINGE WATCH IT ON

RECOILTV

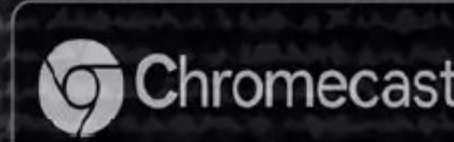
WWW.RECOIL.TV | DOWNLOAD THE FREE APP TODAY



PRESENTED BY

to protect and preserve human life.
and your families can live without fear.

AVAILABLE ON





**SILENCER
CENTRAL®**

MEET THE BANISH® SPEED K

Meticulously crafted for law enforcement and individuals who demand performance and durability. At only 4 inches, the BANISH Speed K boasts unrivaled maneuverability ensuring quick firearm handling.

CALIBER
5.56

LENGTH
4"

DIAMETER
2"

MATERIAL
100% INCONEL

MOUNT
INDUSTRY
STANDARD HUB
(DIRECT THREAD OR
QUICK DETACH)

**TO LEARN MORE, CALL
888-413-5581 OR VISIT
SILENCERCENTRAL.COM**



1 FIND THE RIGHT SILENCER FOR YOU

2 LET US HANDLE THE PAPERWORK

3 ENJOY FRONT DOOR DELIVERY

ELEVATE YOUR TACTICAL EDGE

WITH THE ALL NEW **BANISH[®] SPEED K**



FOLLOW US ON



C&G HOLSTERS

PROFESSIONAL KYDEX HOLSTERS

+CNC Engineered for Precision, Consistency
& Reliability

Find your Holster at CandGHolsters.com

