

ON TARGET

ENTER TO WIN A WEATHERBY 181 SEMI-AUTO SHOTGUN, A CASE OF KENT 12GA. AND A WALKER'S RAZOR PRO EARMUFF/WALKIE TALKIE COMBO PACKAGE WORTH \$1,469!

SAVAGE
RASCAL *TARGET XP*

THE ULTIMATE YOUTH RIFLE?

WALTHER'S
CCP M2 *9MM PISTOL*

ROBAR'S
POLYMER-15^{TI}

ROBAR SHATTERS THE SUB-5-POUND MARK
WITH THIS FULL-SIZE AR CARBINE

FEDERAL'S
NEW SYNTECH
DEFENSE
9MM

KIMBER'S NEW
MICRO 9 KHX

KIMBER CATALOG

BEST OF THE 2019
SHOT SHOW

30 STAND-OUT NEW PRODUCTS FROM THE WORLD'S LARGEST GUN SHOW

JUNE 2019 • \$5.95

DISPLAY UNTILL 7/5/19



ONTARGETMAGAZINE.COM

GO TO ONTARGETMAGAZINE.COM FOR EXCLUSIVE CONTENT, PROMOTIONS, SUBSCRIPTIONS AND MORE

THE NEW RRAGE IN ENTRY CARBINES

LAR-15 RRAGE RIFLE DS1850
with RRA Six-Position Tactical CAR
MSRP: \$759.99*

INTRODUCING THE LAR-15 RRAGE RIFLE

Punching above its weight class, this new entry carbine features a sleek monolithic upper receiver/handguard with side and bottom MLOK® ports. This NEW RRAGE sets a higher benchmark for all entry carbines to follow.

16" LIGHTWEIGHT CHROME MOLY
1:9 Twist Barrel

LAR-15 RRAGE RIFLE QUICK SPECS: CALIBER: .223/5.56MM NATO CHAMBER
WEIGHT: 5.7 POUNDS LENGTH: 36"

ONLY AVAILABLE THROUGH
YOUR LOCAL DEALER.

ROCKRIVERARMS.COM



ON TARGET™

2019 SHOT SHOW ISSUE

ROBAR'S POLYMAR-15TI 4
Light is right when it works. Case in point: ROBAR's sub-5-pound full-size AR carbine.
Dave Bahde

MOSSBERG SA-28 SHOTGUN 14
Mossberg's sleek 28-gauge autoloader shines in the pheasant fields of South Dakota.
Dave Bahde

SAVAGE RASCAL TARGET XP RIFLE 20
This amazingly-accurate, pint-sized, single-shot .22LR just might be the ultimate youth target rifle.
Bill Battles

WALTHER CCP M2 PISTOL 28
Walther's latest CCP may be the softest-shooting, most-underrated, compact 9mm concealed-carry pistol of modern times.
Frank Melloni

BEST OF THE 2019 SHOT SHOW 38
We scoured the floors to bring you 30 stand-out new products from the biggest gun show in the world.
OT Staff

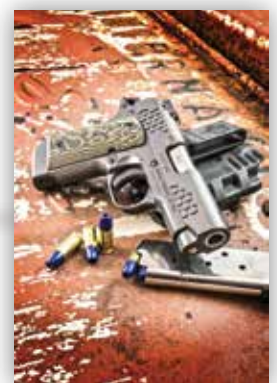
WALKER'S BLUETOOTH EAR PROTECTION 64
In-ear and over-the-ear, high-tech sound suppression with built-in Bluetooth connectivity.
Frank Melloni

GUN & GEAR GIVEAWAY CONTEST 66
Enter to win a Weatherby 18i semi-auto 12-ga. shotgun, a case of Kent Cartridge Faststeel ammo and a Walker's Razor Pro earmuff/Walkie Talkie combo package worth \$1,469.
OT Staff

OSS HELIX HX-QD761 TI SUPPRESSOR 68
Your lightweight, no-backpressure sound-suppression solution.
Dave Bahde

On Our Cover:
Kimber's new-

for-2019 Micro KHX precision pocket pistol sitting next to Federal's new coated Syntech Defense hollowpoint ammunition. Photo by Ben Battles.



LUTH-AR

MBA-1 \$139.95

MBA-2 \$49.95

MBA-3 \$159.95

MBA-4 \$69.95

Palm HandGuard™
Features Ergonomic Triangular Profile
KeyMod or MLOK™ 15" \$89.95

Palm HandGuard™ Uppers
Smooth or Vented Handguards
Smooth 15" \$59.95

AR15 Upper Lightweight Barrel 16" \$399.95

AR15 Upper MARK 12 Barrel 18" \$449.95

AR15 Upper Fluted Bull Barrels
16", 18", 20" or 24" Starting at: \$484.95

KeyMod or MLOK™ 9" \$79.95

Smooth 9" \$55.95

Rifle Buffer Assembly .223 Uppers

Carbine Buffer Assembly

Lower Parts

*Complete Lower Parts Kits

Chubby Grip™ \$23.95
*Right Hand Only

The Paddle™ \$19.95
Oversize Bolt Catch

Trigger Trainer™ \$34.95

Wide Body Riser™ \$14.95
Trigger Guard

The Switch™ \$19.95
Extended Safety

Fluted Bull Barrels

Gas Blocks

*Assembled

*Stripped

*.223

*.308

*Left-hand Available

20"

18"

16"

14"

12"

10"

8"

6"

4"

2"

WWW.LUTH-AR.COM

Made in USA

Order Online:

YouTube Facebook Instagram

MISS AN ISSUE OF ON TARGET?

NOW YOU CAN GET ALL YOUR FAVORITE ISSUES OF ON TARGET MAGAZINE FROM 2014-2019 FOR ONLY \$4 PER ISSUE!

FOR ORDERS AND INQUIRIES CONTACT:

ANGELA@ONTARGETMAGAZINE.COM

2019 AR ISSUE

2019 EDITOR'S CHOICE MAGAZINE

2019 DEFENSE ISSUE

2019 HUNTING ISSUE

2019 TREAD ISSUE

ON TARGET

EDITOR
Ben Battles
Tel.: (603) 356-9762
ben@ontargetmagazine.com

ART DIRECTOR
Mackenzie Battles
mac@ontargetmagazine.com

DIRECTOR OF ONLINE CONTENT
Charles Anderson
charles@gatmarketing.com

CONTRIBUTING EDITORS
Massad Ayoob, David Bahde,
Guy Coursey, Frank Melloni,
Tatiana Whitlock, Wayne Van Zwohl,
Mike Dickerson, Bill Battles
2XTREME

ADVERTISING SALES
Byers Media, LLC
Tel.: (989) 826-3296
Fax.: (989) 826-6926

Ken Byers
Ken@byersmediaonline.com

Autumn Ifland
Autumn@byersmediaonline.com

Ryan Palmer
Ryan@ontargetmagazine.com

CIRCULATION
Angela Battles
Tel.: (603) 356-9762
angela@ontargetmagazine.com

PRINT SUBSCRIPTIONS
www.ontargetmagazine.com

SUBSCRIPTION
CUSTOMER SERVICE
angela@ontargetmagazine.com

On Target is a trademark of Phoenix Publishing, Inc.
Entire contents copyright ©2019 by
Phoenix Publishing, Inc. All rights reserved.

SEMI-AUTOMATIC PEACE OF MIND



MOSSBERG
ARM YOURSELF.

Personal defense begins with the knowledge that if danger should strike, you can effectively strike back. Enter the all-new Mossberg® MC1sc™ Subcompact 9mm Pistol. Combining optimal reliability with superior ergonomics, the MC1sc helps ensure that you'll be prepared and protected.

Learn more at Mossberg.com.



SAFETY TIP: Store firearms securely, inaccessible to children and unauthorized users.

[NOT]

HIT THE X

**LIGHT IS RIGHT WHEN IT WORKS.
CASE IN POINT: ROBAR'S SUB-5-POUND
16-INCH POLYMAR15 GEN 2 CARBINE**



DAVE DAHDE



DAVE DAHDE & BEN BATTLES



MY INTRODUCTION TO LIGHTWEIGHT AR'S CAME AT a Thunder Ranch carbine course almost a decade ago. Two students brought Bushmaster Carbon-15s with polymer/carbon fiber receivers. One made it through the week, the other tanked on day one, but it peaked my interest. Clint's classes were intense, hours of manipulation drills with the rifle on the shoulder, much of it one handed. Holding that Carbon-15 was much easier compared to my issue M4. If they worked there was a place for them, but that was the rub? They didn't always work. All this resulted in a less than open mind when the next serious

attempt at a light-weight AR hit, the Robar PolymAR 15, using polymer receivers. In fact, I ignored it, that is until I saw one used.

Freddie Blish is the owner of Robar Companies Inc; the maker of the PolymAR 15 receivers and rifles. Freddie is a retired Marine Corp Lt. Colonel with

years of combat experience. He has been teaching others as both a Marine and a rangemaster at the Gunsite Academy for decades. During a Gunsite Critical Skills pistol/carbine class, Freddie was my instructor. He and a student were using a Gen 1 PolymAR 15. Watching it run during class, brass ejection was consistent, accuracy was excellent, and the weight difference was noticeable. Freddie asked if I was interested in testing his new Gen 2 model and I jumped all over it.

ROBAR POLYMAR 15 GEN 2

ROBAR'S GEN 2 RECEIVERS HAD JUST ARRIVED, ONLY A couple were in house and Freddie was nice enough to build up their Titanium version for testing on one of them. Their Ti version weighs under 5 pounds (that's right, a 16-inch carbine at under 5 pounds) using a slew of V7 Titanium parts. Take down pins, safety, gas block, receiver end plate, castle nut, pivot pins, magazine release button and catch are all V7 Titanium. Robar's Titanium bolt carrier is coated in their latest NP3 Plus. Barrel is a Faxon 16-inch using the "Gunner" profile and a mid-length gas system. Made from 4150 CMV steel, it's coated in QPQ nitride and rifled at a 1:8" twist rate. Its profile mimics Mil-Spec to the gas block, with a 0.625-inch journal ending in a pencil profile. A Titanium brake from V7 is standard, but mine came equipped with a Battle Development 1.5 Titanium muzzle brake/flash hider. Designed

SPECIFICATIONS

ROBAR GEN 2 POLYMAR-15TI

CALIBER/GAUGE:	5.56 NATO
BARREL:	16" STAINLESS STEEL, MID LENGTH GAS, 1:8 GUNNER PROFILE
OVERALL LENGTH:	39-INCHES EXTENDED
EMPTY WEIGHT:	4-POUNDS, 11 OUNCES
SIGHTS:	MAGPUL MBUS BUIS, FLAT TOP RAIL
STOCKS/GRIPS:	BCM GUNFIGHTER/BCM KMR RAIL
ACTION:	ROTATING BOLT, DIRECT GAS IMPINGEMENT
FINISH:	FDE, BLACK, GREY OR GREEN
CAPACITY:	AR-15 COMPATIBLE
PRICE:	\$2,295

- CRISP TRIGGER WITH SHORT RESET
- CORROSION-RESISTANT NITRIDE FINISH
- FRONT AND REAR COCKING SERRATIONS

OPTICS-READY MODELS AVAILABLE

CZ-USA.COM

TOUGH, SECURE AND READY TO ROLL

*MAC30 METAL AMMO CAN TRAY (TRAY ONLY)

AMERICAN FAMILY OWNED MANUFACTURING IN THE U.S.A. SINCE 1968

MTM MOLDED PRODUCTS COMPANY - (937) 890-7461 - WWW.MTMCASE-GARD.COM



[NOT] HEAVY METAL

1—SO HOW DOES ROBAR PRODUCE AN UNBELIEVABLY-LIGHT 4.75-LB. FULL SIZE AR CARBINE? TO START WITH, THE POLYMAR-15—AS THE NAME ELUDES TO—USES HIGHLY-REINFORCED, SUPER STRONG AND EXTREMELY LIGHTWEIGHT KSP POLYMER UPPER AND LOWER RECEIVERS. ADDING TO THE WEIGHT LOSS PROGRAM ARE LIBERAL USE OF V7 TITANIUM COMPONENTS, INCLUDING THE SAFETY SELECTOR, BOLT RELEASE, MAG CATCH AND BUTTON AND FRONT AND REAR RECEIVER PINS.

2—A V7 TITANIUM RECEIVER END PLATE AND CASTLE NUT ALSO SHAVE WEIGHT, BUT THE MORE INTERESTING USE OF THIS METAL IS THE ROBAR TITANIUM BOLT CARRIER GROUP, WITH THE CARRIER COATED IN THE COMPANY'S NEW ARMORLUBE FINISH AND THE BOLT IN ROBAR'S ULTRA-DURABLE NP3 COATING. THE ENHANCED MIL-SPEC TRIGGER GROUP HAS ALSO BEEN GIVEN THE NP3 TREATMENT.



specifically for close quarters use, it sends blast up and forward. Flash suppression is excellent with surprisingly good recoil control. The handguard is a BCM KMR 13-inch M-Lok and includes a QD attachment and Titanium barrel nut. The pistol grip, stock and charging handle are also from BCM. The trigger is an NP3 coated GI (enhanced) model, and the safety lever is single sided. It's shipped in a Royal 42-inch

hard case with Magpul BUIS, two Tango Down ARC magazines and Robar's Combat Optic Tool.

TESTING

THE TEST RIFLE WAS SET UP IN TWO DIFFERENT configurations for field testing—a simple lightweight carbine and designated marksman rifle ("DMR"). For use as a defensive carbine, Aimpoint's Comp4S was the optic,



ATLAS

M 5 R O N E

MAKE THIS ONE YOURS



NOW AVAILABLE AT
AEROPRECISIONUSA.COM

AERO
PRECISION



1

1—HIDDEN UNDERNEATH THE LIGHTWEIGHT 13-INCH BCM KMR KEYMOD FOREND (ALSO AVAILABLE IN M-LOK), AND ATTACHED TO THE SLIM, 1:8 TWIST FAXON BARREL ARE A V7 TITANIUM BARREL NUT AND GAS BLOCK WORKING TO KEEP THE FRONT END AS LIGHT AND LIVELY AS POSSIBLE. THIS RIFLE IS SHOWN WITH THE OPTIONAL PINNED/PERMANENTLY-WELDED BATTLECOMP 1.5 TITAN TITANIUM COMPENSATOR ON A 14.5-INCH BARREL. MAGPUL MBUS POLYMER SIGHTS AND A BCM GUNFIGHTER VERTICAL GRIP ARE STANDARD EQUIPMENT.

2—BCM COMPONENTS TAKE UP THE REAR ON THE POLYMER-15TI, INCLUDING A GUNFIGHTER GRIP MOD 3, GUNFIGHTER MOD 0 ADJUSTABLE STOCK AND GUNFIGHTER MOD 5 CHARGING HANDLE.



2

probably the best combat red-dot ever made. Currently issued as the M68 to our troops, it has much less tunneling effect than the T series. The dot is the least “sparkly” Aimpoint uses and includes an ARD reflector. Its mount is rock solid and the AA battery provides run times measured in years. As a DMR, scope duties came from a Leupold Mark 4 MR/T 2.5-8x 36mm being used on another test. Currently used on the Marine Corp’s M38, the TMR reticle provides

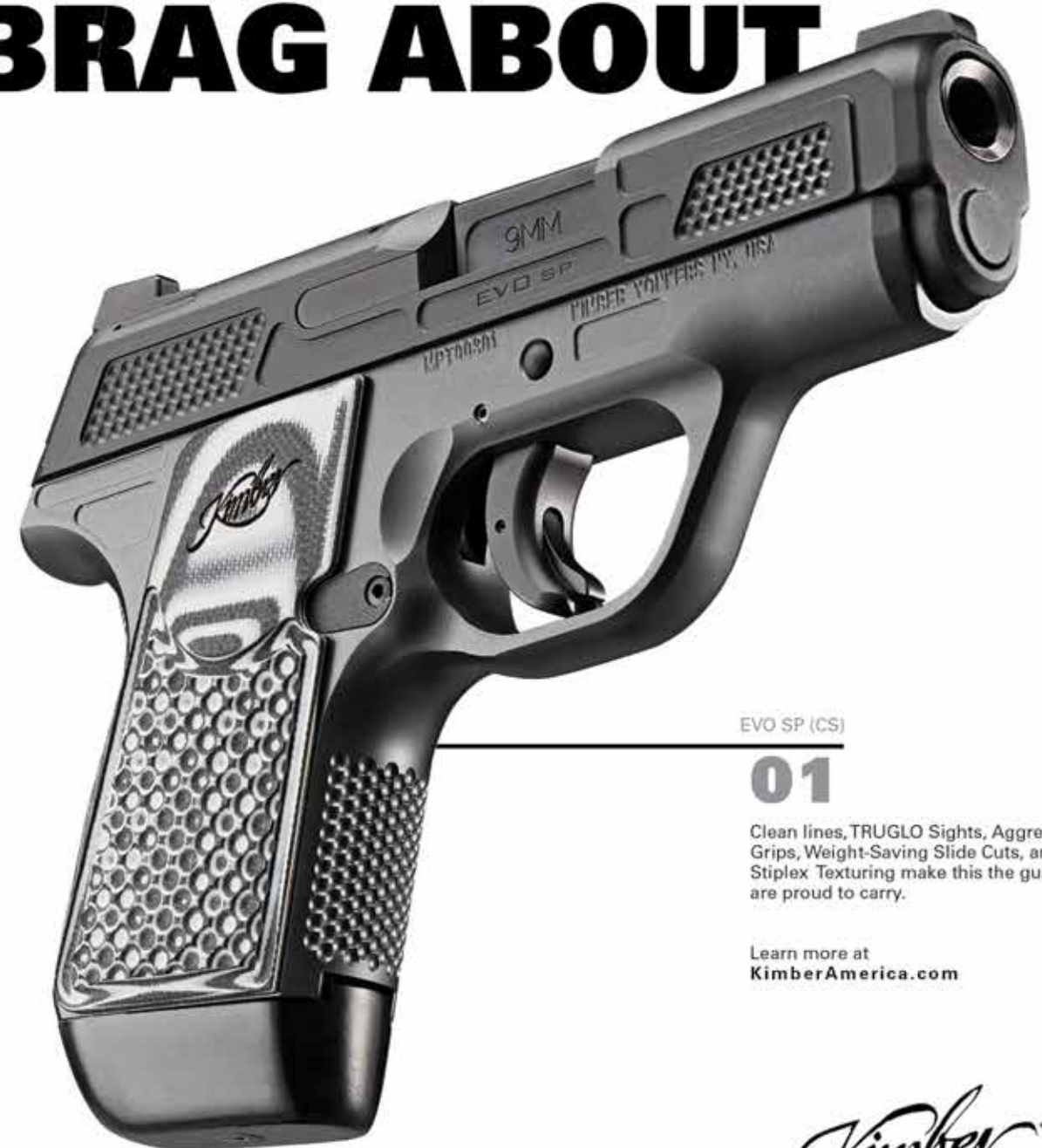
holds and the M2 77-grain BDC turret is matched for MK262 Mod 1 ammunition. Geissele’s Super Precision mount keeps it rock solid.

RANGE TIME

ACCURACY ON THIS RIFLE WAS A BIT surprising to me. Groups at 100 yards with both the 77-grain TMK and Black Hills 55-grain TSX were between 0.50- and 0.60 inches. Even the Barnes AR practice ammunition was under an inch.

Not much changed at 300 yards with groups all hovering at or under three inches. Ten-shot rapid fire strings at 300 yards all stayed on the ten-inch steel with no visible elevation change due to barrel heating. As much as I tried to get this Gunner barrel to start climbing under heat, it just would not do it. Maybe under full-auto fire conditions, but push anything but a bull barrel that far and you’re going to get that . . . simple physics. Nothing anyone would do with this

RELIABILITY YOU CAN COUNT ON. LOOKS YOU CAN BRAG ABOUT.



EVO SP (CS)

01

Clean lines, TRUGLO Sights, Aggressive Grips, Weight-Saving Slide Cuts, and Stiplex Texturing make this the gun you are proud to carry.

Learn more at KimberAmerica.com

Kimber

(888) 243-4522 • KIMBERAMERICA.COM
PROUDLY MADE IN AMERICA

EVO ^{SP}



1—SET UP AS A DMR WITH A LEUPOLD MARK 4 MR/T, AFTER A COUPLE WEEKS RUNNING THE POLYMAR-15TI ALONG MILITARY CREST AND THE SCRAMBLER AT THE GUNSITE ACADEMY, THE VALUE OF AN ULTRA-LIGHT AR WAS CLEAR.

in the real world seemed to do anything to adversely affect accuracy.

Initial testing was completed between classes while teaching at Gunsite Academy. It allowed me to stretch it out on the Military Crest from various positions amongst the trees and scrub. Most testing was completed using the Leupold, although a couple runs were made with the Aimpoint. This is honestly where the weight loss showed its most promise. Running up and down the trail it is noticeably lighter. Moving in and out of, around, and through the branches was much easier compared to a standard rifle I was testing at the same time. After the third or fourth run the weight difference became abundantly clear. Using the Aimpoint and iron sights was even better, with no loss of effectiveness out to 300 yards. After a couple weeks running this rifle (and me) along Military Crest and the Scrambler,

the value of an ultra-light AR was clear.

Back home the Robar was used during two other articles being completed at the time. One was on lightweight ARs in general, and the other on the value of one handed shooting. The real world is not square and void of obstacles, allowing you much of a stance or the use of both hands. Running the PolymAR 15 Ti single handed was almost a revelation. Maneuvering through obstacles, opening doors, curtains, pushing people aside or protecting loved ones with your off hand holding a rifle is hard work. It's the same experience as clearing buildings, holding a rifle in your shoulder for even moderate periods of time can be tiring. The difference using this rifle was huge. Testing under these conditions only solidified my decision to make this my primary training and testing rifle—it's just too easy on the shoulders and back without losing any accuracy or reliability.

OTHER THOUGHTS

TWO OR THREE DIFFERENT MUZZLE DEVICES were tried during testing, but none were better than the BCE, especially when you consider how little it weighs. Blast at the shooter is minimal at worst, unnoticed most of the time. Same on the sides, and it does a solid job of managing recoil and muzzle movement. Keeping it light at the muzzle helps with swings between targets and this keeps it very fast, without killing you while shooting it.

Lancer, Brownells, Magpul, BCM, and the supplied Tango Down magazines all worked in 10-, 20- and 30-round capacities. Insertion was the same as any other AR, all dropped free, and no stoppages or malfunctions occurred with any ammunition used.

My age and eyes almost demand optics these days, and that is a really strong

2—AS YOU CAN SEE WITH THIS NEAR-HALF-MOA 5-SHOT GROUP AT 100-YARDS, THE CARBINE'S WEIGHT SAVING EFFORTS HAVE NOT ADVERSELY EFFECTED DOWNRANGE PERFORMANCE. RELIABILITY WAS 100-PERCENT THROUGHOUT TESTING.

point for this rifle. Even with my additions and the optics the weight was still at 6 pounds, less than some standard ARs weigh bare. That is huge in the long run since you get the advantages without the added weight. It really allows you to properly equip your AR-15 without turning it into a weight for working shoulders.

BOTTOM LINE

MY ENTRANCE INTO THIS TESTING WAS SOMEWHAT reluctant. Seeing it work helped, but my previous experience colored my enthusiasm. That ended about two magazines into the testing. This rifle works as well as any out there, while losing a couple pounds of weight. It is perfect for those with shoulder or back issues, or anyone that understands the toll a couple pounds can take. A couple pounds is not much, until about a mile into a five- or ten-mile ruck or hike. Maybe the best part is the price: the Titanium model retails for \$2,295, while other versions retails for as little as \$1,795. Standard ARs from major manufacturers without the weight savings cost as much or more, while comparable ultra-light ARs can demand double the price. If you're looking for a great rifle that just happens to be built to custom standards, this is an excellent choice, and the fact it weighs only 5 pounds is a bonus! Check out the complete line of PolymAR-15 rifles at **THE ROBARGUN COMPANIES**; Tel.: (623) 581-2648; E-mail: info@robarguns.com; Website: WWW.ROBARGUNS.COM



PERFORMANCE		ROBAR GEN 2 POLYMAR-15TI
AMMUNITION TESTED	VELOCITY	GROUP SIZE
BLACK HILLS 55-GRAIN TSX	3,180	0.55 INCHES
BLACK HILLS 77-GRAIN TMK	2,680	0.67 INCHES
SIG SAUER 77-GRAIN OTM	2,692	0.74 INCHES

GROUPS TESTED USING A BI-POD FOR A REST FROM PRONE. BEST GROUP SHOWN OVER FIVE, 5-SHOT GROUPS FROM 100 YARDS. VELOCITY MEASURED USING A MAGNETO SPEED V3 CHRONOGRAPH.

3—THE DIFFERENCE IN WEIGHT BETWEEN THE AUTHOR'S FDE COLORED POLYMAR-15TI AND A STANDARD AR-STYLE RIFLE FELT HUGE, MAKING ONE-HANDED DRILLS (OR ANY DRILL FOR THAT MATTER) MUCH LESS FATIGUING.





MOSSBERG SA-28 SHOTGUN

**MOSSBERG'S SLEEK 28-GAUGE AUTOLOADER SHINES
IN THE PHEASANT FIELDS OF SOUTH DAKOTA.**

"ROOSTER!"

MY MIND AND VOICE REGISTERED that observation automatically, but even with decades of experience, the sight and sound of a close-flushing, South Dakota pheasant mildly startled me. My mind raced to instantly process the variables so familiar to wing shooters: Is he in my shooting lane, and will his flight path give me a safe shot?

This cagey rooster wasn't cooperating. He flew directly at me and over my head—too close to shoot—but that's a move I've seen many times before. Holding the shotgun with the barrel straight up to avoid

covering fellow hunters making the drive with me across the field of milo, I spun 180 degrees and, making sure no one was behind me, mounted the gun. I swung through the rapidly retreating bird and slapped the trigger. The swarm of No. 5 shot found him, and the rooster folded like a cheap kite in a hurricane.

While this may sound like just another day in the milo fields of South Dakota, the moment was memorable for a couple of reasons. First, I was hunting at Scatter-

gun Lodge, a world-class pheasant-hunting destination. Secondly, the shotgun in my hands was the trim little Mossberg International SA-28 semi-auto, which has been something of a hit with many of my fellow outdoor scribes. It is, as the name implies, a 28-gauge shotgun, and I collected six roosters with it, within the generous limit at Scattergun Lodge, on that first of several days of hunting.

While there are those among us who insist that a 28-gauge is insufficient for pheasant, others assert with equal conviction that the 28-gauge is possessed of magical, winged-dragon-slaying powers. The truth lies somewhere in between. The 28-gauge is definitely not my first

1—LIKE ITS SA-20 SIBLING, THE SA-28 IS A SOFT-SHOOTING, GAS-OPERATED SEMI-AUTO SHOTGUN, BUT IT IS BOTH LIGHTER AND SLIMMER THAN ITS 20-GAUGE SIBLING. LIKE MOST AUTOLOADING SHOTGUNS, THE SA-28 HAS A TRADITIONAL CROSS-BOLT SAFETY. THE AUTHOR FOUND THE TRIGGER PULL TO BE A BIT ON THE HEAVY SIDE, BUT THAT WENT UNNOTICED IN THE HUNTING FIELDS



1.

MOSSBERG
SA-28 SHOTGUN



2.

choice for hunting late-season birds that flush 40 yards out. For anything else, within reasonable range, I've found the 28-gauge to be just as effective as any other gauge, and I've always felt that it punches a bit above its weight class. Remember, it's not the gauge that kills—it's the shot pattern—and the 28-gauge does nicely out to 30- to 35-yards with both standard 3/4- and 1-ounce loads if you do your part.

As a devoted fan of fine double guns for upland hunting, I was initially somewhat indifferent about hunting with this semi-auto,

but the quick-pointing little shotgun quickly changed my mind. Weighing little more than six pounds with a 26-inch barrel, the shotgun, as well as the diminutive shells designed for it, were a joy to carry in the field all day. With a length of pull of 14.5 inches, and an overall length of 46.5 inches, the gun pointed well for me, was quick on target and had very mild perceived recoil.

Perhaps the most surprising thing about the SA-28 is the fact that it's priced for the masses with an MSRP of just \$675, and a real-world price considerably below that, making it one

1—WITH A NICELY POLISHED, BLUED 26-INCH BARREL, THE SA-28 HAS A FULL-LENGTH VENT RIB AND A SINGLE BRASS BEAD. THE GRIP AND FOREND OF THE SA-28 ARE ADORNED WITH NICELY EXECUTED LASER-CUT CHECKERING WITH BORDERS. INSTEAD OF THE USUAL THREE CHOKE TUBES PROVIDED WITH MANY SHOTGUNS, THE SA-28 SHIPS WITH A FULL "SPORT SET" OF INTERCHANGEABLE CHOKE TUBES, INCLUDING FULL, IMPROVED MODIFIED, MODIFIED, IMPROVED CYLINDER AND CYLINDER.

2—THE QUALITY OF THE WALNUT USED FOR THE STOCK WAS A PLEASANT SURPRISE. SUCH NICELY FIGURED WOOD IS SELDOM FOUND ON GUNS IN THIS PRICE RANGE. THE AUTHOR FOUND THE FIT AND FINISH OF THE SA-28 TO BE FAR BETTER THAN EXPECTED OF A SEMI-AUTO SHOTGUN WITH SUCH A MODEST PRICE.

✓ RELIABLE ✓ ACCURATE ✓ AFFORDABLE PICK THREE

The CONSTABLE

Available in 5.56 NATO, .300BLK, 7.62x39

FEATURE-PACKED SUB \$1000 CARBINE

The Constable is packed with our most popular reliability-enhancing features at a price that allows you to customize preference parts often changed by shooters.

The nitride heat-treated barrel features our patented E² extraction technology **PROLONGING EXTRACTOR LIFE UP TO FIVE TIMES LONGER.**

The barrel is secured with our heat sink barrel nut. Compared to a normal steel barrel nut it **DISSIPATES HEAT 17 TIMES FASTER.**

It comes with our nitride heat-treated MILSPEC+ bolt carrier group and roller cam pin, **REDUCING DRAG ON THE UPPER RECEIVER INCREASING SERVICE LIFE.**

The anti-tilt extension tube eliminates stock rotation and **REDUCES WEAR AND TEAR ON THE BOLT CARRIER AND BUFFER TUBE.**

The Constable is topped off with an ambidextrous selector and free-floating M-LOK compatible Renegade handguard with 4 QD attachment points.

NO OTHER RIFLE COMES CLOSE TO DELIVERING SO MUCH VALUE IN THIS PRICE RANGE.



Patriot Ordnance Factory

For fire-breathing patriots. Made in the U.S.A.

POF-USA.com | 623-561-9572

MSRP
\$999



1.



MOSSBERG
SA-28 SHOTGUN

1—THE AUTHOR PUT THE SA-28 THROUGH ITS PACES AT SCATTERGUN LODGE IN SOUTH DAKOTA, AND FOUND THE 28-GAUGE SEMI-AUTO TO BE DEADLY ON BIRDS WITHIN REASONABLE RANGE. THE TRIM SHOTGUN—AND THE SHELLS DESIGNED FOR IT—WERE A JOY TO CARRY ON LONG MARCHES THROUGH FIELDS OF MILO. WEIGHING LITTLE MORE THAN SIX POUNDS, THE GUN POINTED WELL, WAS QUICK ON TARGET AND HAD VERY MILD PERCEIVED RECOIL.

of the most affordable gas-operated auto-loading 28-gauge guns on the market.

The term “affordable” is often used in the gun industry as a synonym for “cheap,” but the SA-28 is decidedly not in that category. What you’ll get for your money is nothing less than amazing to me considering competitive offerings that sell for double or triple the price of the SA-28. For starters, the gun looks far better than its price tag would suggest. The barrel, with a full-length vent rib and a single

brass bead, is a nicely polished blue, as is the alloy receiver, which is mounted to a satin-finished walnut stock with laser-cut checkering on the grip and forend.

The quality of the wood used for the stock was another pleasant surprise. On guns in this price range, you might expect to see a plain-Jane, straight-grained walnut stock, but the wood on the gun I tested in the field and the one sent to me for further testing were a cut above what passes for a standard walnut

stocks these days, and had nicely-figured grain patterns normally found only on guns costing far more. The stock has a slender rubber recoil pad, and that’s all that’s needed given the gun’s mild recoil. A small uppermost section of the recoil pad is actually hard plastic, put is there to help prevent snagging of clothing when mounting the gun to the shoulder.

The SA-28 does not come with the usual three choke tubes you might expect, but is shipped with a full “Sport

Set” of interchangeable choke tubes, including Full, Improved Modified, Modified, Improved Cylinder and Cylinder. The gun also comes with a nice hard case, gun socks and a plastic box to hold the choke tubes.

Like its SA-20 sibling, the SA-28 operates with a gas-piston that rides back and forth on twin rails to prevent binding, but the 28 is, happily, both lighter and slimmer than the 20-gauge gun. Functionally, the shotgun had no issues, and it ran like a champ for me and everyone else who shot it. Feeding, extraction and ejection of spent shells went off without a hitch over three days of shooting.

Capacity of the tubular magazine is four shells, but the shotgun arrived with a magazine plug in place to limit capacity to two shells in the magazine plus one in the chamber to comply with legal hunting requirements. You can remove the plug by simply unscrewing the magazine cap and pulling the plug out by an end that protrudes slightly from the magazine.

Disassembly for cleaning was a snap. You start by removing the magazine cap and sliding the forearm off. Then hold the bolt operating handle and press the bolt release button, allowing the bolt to slowly travel fully forward, and pull the barrel from the action. The bolt will slide out once you properly position and remove the bolt handle. I initially found it a little

difficult to reassemble the barrel to the action. The trick was to start with action closed, slide the barrel partway in, and then pull the action fully to the rear while seating the barrel.

It’s hard to find anything to complain about with this shotgun. If I had to single out anything for improvement, it would be the pull weight of the trigger, which broke at around seven pounds. In the field, however, I honestly never noticed the heavy trigger pull and it didn’t bother me in the slightest. (If you’re pickier than I am about shotgun triggers, you can get a replacement trigger return spring from M*Carbo that’s easy to install and cuts the pull weight by about 40 percent).

Although I hunted with a variety of Mossberg shotguns over three days, including the big brother SA-20 model, I found myself drawn back to the trim little 28-gauge for the final day of hunting, and it didn’t let me down. It didn’t take me long to decide that the cherished over-and-under guns in my safe would have to make a little more room for an autoloading newcomer.

In addition to the all-purpose field model I hunted with, the SA-28 is also available in a couple of Youth Bantam versions that have reduced lengths of pull and shorter, 24-inch barrels. See the SA-28 at your dealer or for more information, contact **O. F. MOSSBERG & SONS**; Tel. (203) 230-5300.; Web: WWW.MOSSBERG.COM

2—THE SHOTGUN BREAKS DOWN EASILY FOR CLEANING AND STORAGE IN A HARD CASE PROVIDED WITH THE GUN. A BOX IS PROVIDED FOR STORAGE OF THE CHOKE TUBES, MINUS THE ONE BEING USED ON THE GUN.



2.



SAVAGE *Rascal* TARGET XP

THE ULTIMATE YOUTH RIMFIRE RIFLE?

A SUPER-ACCURATE, .22 LR YOUTH target rifle complete with a one-piece Picatinny base mount, scope rings, a 4x32mm target scope and suppressor-ready threaded muzzle is not something we're accustomed to seeing, and we're even less accustomed to seeing one for a total tab of \$405 (or \$315 sans optics). That—and a whole lot more—is what you get for your money with the new Savage Rascal Target XP package gun.

Fitted with a 16.125-inch heavy profile

target barrel rifled at a 1:16" twist rate, the Savage Rascal Target XP is available in right- or left-handed versions at the same price. The muzzle has an 11-degree target crown and is threaded at the industry standard 1/2-28 TPI for a .22 caliber thread-on suppressor. A knurled-steel muzzle cap is included to protect the crowned muzzle when a suppressor is not installed. The barrel is free floated over its entire length, and the action is secured to the stock with two Allen head machine screws and one Allen head wood screw.

This micro rimfire target rifle itself weighs only 4.5 pounds empty and 5.88



BILL BATTLES



BEN BATTLES

SAVAGE Rascal TARGET XP



1—AVAILABLE IN BOTH RIGHT- AND LEFT-HAND VERSIONS (AT THE SAME PRICE), A SIMPLE TWO-POSITION SAFETY, ENLARGED BOLT HANDLE AND THE COMPANY'S OUTSTANDING USER-ADJUSTABLE ACCUTRIGGER ROUND OUT THE CONTROLS ON THE SINGLE-SHOT RASCAL.

2—THE TARGET MODEL IS FITTED WITH A 16-1/8 INCH, HEAVY-PROFILE TARGET BARREL, THREADED 1/2X28 AT THE MUZZLE FOR ATTACHMENT OF A SOUND SUPPRESSOR. GEMTECH'S (GEMTECH.COM) ULTRA-LIGHT-WEIGHT GM-22 SUPPRESSOR IS SHOWN HERE.



pounds with optics, and in keeping with its target/competition role is a single-shot with no magazine of any type. A full load of a single round of .22 LR ammunition barely moves the pointer on empty weight. An enlarged ejection port and substantial cut-out in the Picatinny base makes hand feeding single rounds into the action quick and easy. A red polymer loading ramp insures that very round slides into the chamber with zero fanfare. We've found that teaching children marksmanship through concentrating on one shot at a time pays dividends and gives them a vested interest in the placement of each shot. It's all that much more rewarding for them when they're shooting a rifle capable of the level of precision that the Rascal

is, ensuring good hits if they're learning to do their part behind the trigger.

Controls include a push forward/pull rearward 2-position safety mounted on the right rear of the receiver, with a red dot indicating the "off-safe" position when the safety is lever pushed forward into the fire position. The bolt can be operated with the safety in either position.

The steel bolt contains a run-of-the-mill extractor/ejector that worked just fine during testing, and an enlarged bolt handle that comes in quite handy because the operator will be needing to run it after every shot. We found the oversized bolt even handier during the snowy winter months where bulky gloved-hands are necessary to keep kids focused on shooting and not how cold their hands are.

Housed inside the polymer trigger guard is the award-winning, adjustable Savage Accu-Trigger. This trigger has become our default for comparison with other rifle triggers, and we found it to have the same adjustment features as any other Accu-Trigger of current design. Trigger pull weight from the factory was set at the full 6-pound pull weight of the trigger, but it can be easily user adjusted down to 2.5-pounds, the process for which is well explained in the owner's manual. Of course, the stock needs to be removed to adjust the Accu-Trigger. Even set at six pounds—where we left it for testing—the trigger pull is spectacular. There is absolutely no perceptible take-up, creep or stacking—it just breaks like glass at the chosen pull weight.

MAINSTAY™
CLIPLESS IWB / POCKET HOLSTER

- » AMBIDEXTROUS
- » LIGHT-WEIGHT
- » COMPACT
- » NON-SLIP EXTERIOR

ELITE
SURVIVAL SYSTEMS

866.340.2778
ELITESURVIVAL.COM

DETROIT
BULLET WORKS

Family Owned & Operated

(984) DBW-AMMO

www.detroitbulletworks.com

SAVAGE Rascal TARGET XP

1—THE RASCAL'S PRECISION HARDWOOD STOCK IS COATED IN A MATTE BLACK FINISH WITH RAISED BLACK SPECKLING. ITS 11.25-INCH, VERTICAL PALM SWELL AND RAISED COMB ARE ALL PERFECTLY SIZED FOR YOUTH SHOOTERS.

2—A ONE PIECE PICATINNY RAIL WITH A FACTORY-BORESIGHTED AIM SPORTS 4X32MM RIFlescope ATTACHED ARE BOTH STANDARD EQUIPMENT ON THE TARGET XP MODEL.

As we've said so many times in the past, the Accu-Trigger is a rifleman's trigger, and the lawyers be damned.

The factory boresighted AIM Sports 4x32mm Compact scope presented a clear, bright and non-distorted view all the way out to the edges of the sight picture. It appeared to be of good quality, functioned nicely throughout testing and is both fog and shock-proof. It features an adjustable ocular lens operated by a knurled ring, but the diopter range is not

stated. That being said, everyone who fired it during testing was able to dial in a diopter setting appropriate to their vision. Screw-off turret caps reveal windage and elevation adjusters which are finger adjustable in 1/4 MOA increments. The Mil-Dot reticle is of the standard wide outer/thin inner crosshair variety with six dots in each of the four thin inner crosshairs, and a generous 3-inch eye relief allows first-time scope users to gain a sight

picture sans frustration.

The precision hardwood stock is finished inside in matte black, and on the outside in matte black with raised black speckling. There is no bedding block or similar bedding system contained within the receiver portion of the stock. It includes fore and aft sling swivel studs for attaching a sling or mounting a bipod on the front stud and an enlarged and squarish vertical palm swell. Length of pull is 11.25", overall length is 30.625 inches—an overall-perfect size for pre-teen and



LOVE IT, OR YOUR MONEY BACK!

THE MOST POWERFUL GUN DEAL ON THE PLANET.



PPQ®

#SHOOTITLOVEITBUYIT

At select dealers - try the PPQ for 30 Days with no money down.*
Or buy any PPQ, anywhere and if you don't love it within 30 days, return it on us.

For more information visit: ShootItLoveItBuyIt.com

*APPLIES ONLY TO BRAND NEW FIREARMS. USED GUNS NOT INCLUDED. APPLIES ONLY TO WALTHER PPQ FAMILY MODELS PURCHASED NEW BETWEEN (DATES: 2/15/19 - 6/30/19) © 2019 Walther Arms, Inc. | All Rights Reserved.



SAVAGE
Rascal
TARGET XP

1

1—7-YEAR OLD KAMERYN (ALSO A RASCAL) WAS A GREAT FIT FOR THE RASCAL AND SHE HAD NO TROUBLE RUNNING THE BOLT—THANKS IN PART TO THE ENLARGED BOLT HANDLE, WHICH WAS VERY HANDY WHEN WINTER GLOVES WERE THROWN INTO THE MIX.



2

2—THE RASCAL TARGET XP PROVED TO BE AN OUTSTANDING PERFORMER—ESPECIALLY WITH FEDERAL PREMIUM'S 40-GRAIN HUNTER MATCH LOAD.

single-digit youngsters. Metal finish is matte black throughout, and the Rascal Target XP comes with ear plugs and firearms lock.

To see what the Rascal Target was capable of downrange, we set up at the 50-yard line with a slew of different .22LR ammunition, and

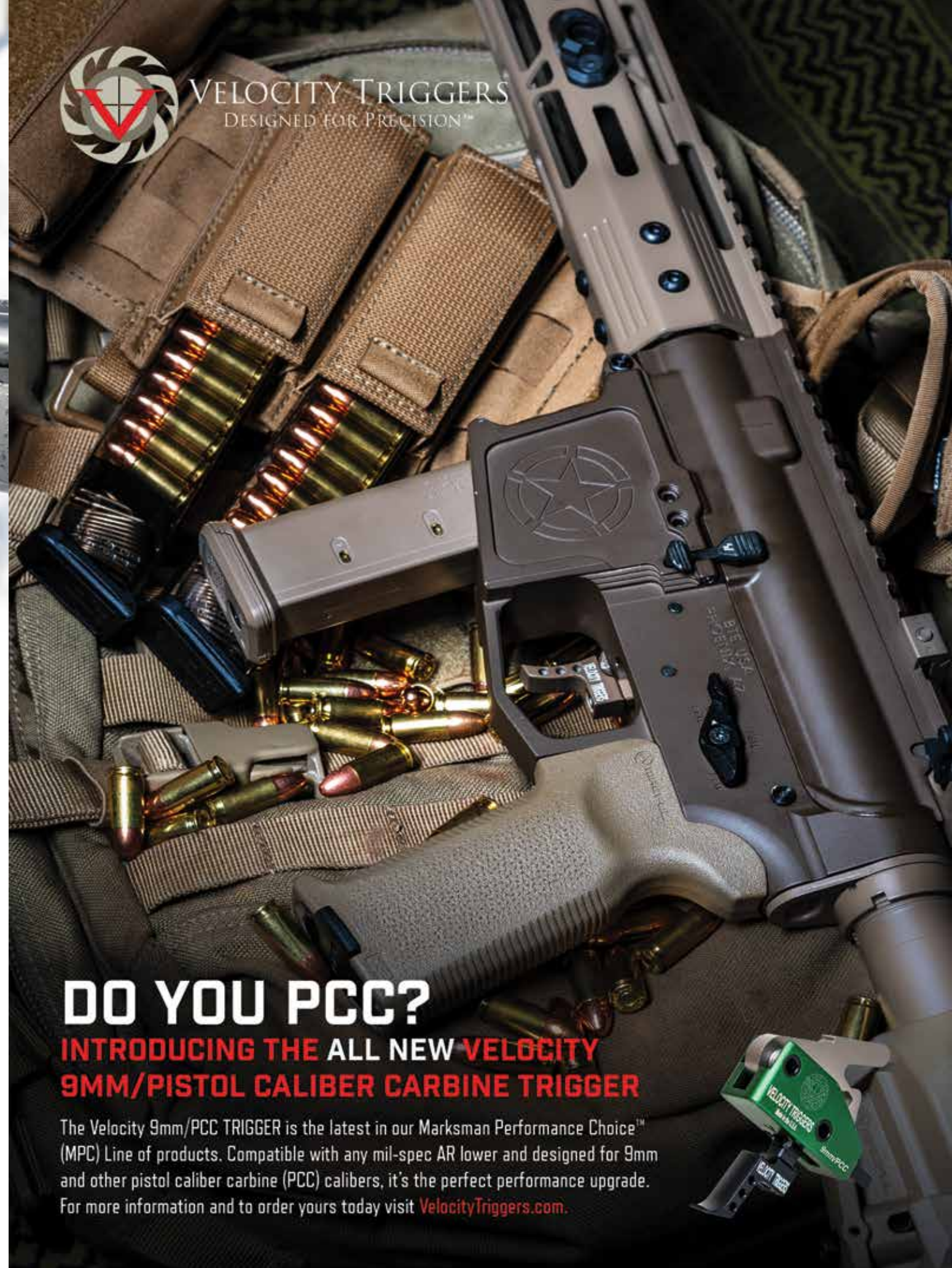
to remove all doubt, we did put an adult behind the trigger. While the length-of-pull proved a little awkward for a fullsize human, this little rimfire proved exceedingly easy to shoot well—thanks in large part to the rifle's excellent trigger. The Rascal digested everything we fed it, as one

would expect, and gave sub-one-inch performance with almost all of the loads tested. The winner of the day, however, was Federal Premium's deadly-precise Hunter Match ammo. Loaded with a 40-gr. match hollow-point, this loaded printed a tight little 0.62-inch five shot cluster, dead-center in the target's 1-inch aiming point. Not only is this level of precision encouraging to a youngster, it also helps the adult diagnose poor marksmanship by completely ruling out the rifle itself.

The Rascal Target XP is a huge win in our books, and if you're looking to introduce a child to the world of shooting sports, we really can't think of a better way to do it. See the Rascal Target XP at your firearms retailer, or for more information contact **SAVAGE FIREARMS**; Tel.: (800) 370-0708; Website: WWW.SAVAGEARMS.COM



VELOCITY TRIGGERS
DESIGNED FOR PRECISION™



DO YOU PCC?

INTRODUCING THE ALL NEW VELOCITY 9MM/PISTOL CALIBER CARBINE TRIGGER

The Velocity 9mm/PCC TRIGGER is the latest in our Marksman Performance Choice™ (MPC) Line of products. Compatible with any mil-spec AR lower and designed for 9mm and other pistol caliber carbine (PCC) calibers, it's the perfect performance upgrade. For more information and to order yours today visit VelocityTriggers.com.

WALTHER CCP M2



THE SOFTEST-SHOOTING, MOST-UNDERRATED
CONCEALED-CARRY PISTOL OF ALL TIME?

 FRANK MELLONI

 BEN BATTLES & FRANK MELLONI

WALTHER CCP M2



1.



Some of the strangest epiphanies are reached over a cigar with a good friend. Sitting across from one of my best industry companions, Kevin Phillips, he posed the rhetorical question, "When was the last time you saw something truly revolutionary and functional since John Moses Browning died?"

Truth is, he was right. While the last 100 years of firearms development have brought us some very creative designs, nearly all are derivatives of the prophet's creations. Sadly, after that

1— NOTICE SOMETHING DIFFERENT? THE SLIDE OF THE CCP HAS AN ATTACHED GAS PISTON THAT SITS UNDER THE BARREL WHEN ASSEMBLED. THE BARREL HAS A GAS PORT AT THE 6:00 O'CLOCK POSITION TO DIRECT GAS TOWARDS THE PISTON, CYCLING THE ACTION WHEN FIRED. WALTHER CALLS THIS REINVENTION OF THE WHEEL "SOFTCOIL" AND IS RESPONSIBLE FOR SOFTER RECOIL AND EASIER MANIPULATION OF THE ACTION.

YOUR RIFLESCOPE'S WARRANTY WON'T HELP YOU IN THE MIDDLE OF NOWHERE.

Many optics companies brag that their products are backed by a "full replacement warranty." But if your riflescope fails far from civilization, the most generous warranty on earth won't help you. We prefer to build Nightforce riflescopes to be virtually indestructible in the first place. And give you a warranty you'll most likely never use.



NIGHTFORCE

336 Hazen Lane ■ Orofino, ID 83544 ■ 208.476.9814 ■ NightforceOptics.com



XCEL

ADVANCED DIGITAL MUFF SERIES

- ADVANCED DIGITAL PERFORMANCE
- VARIABLE DYNAMIC SOUND SUPPRESSION
- VOICE MODE NAVIGATION
- HEADBAND MOUNTED CONTROLS

FOUR LISTENING MODES

UNIVERSAL ■ SPEECH CLARITY
HI-FREQUENCY ■ POWER BOOST

PROTECT IT OR LOSE IT.

WALKERSGAMEEAR.COM ■ GSMOUTDOORS.COM



NRR26dB



WALTHER CCP M2

conversation I started looking at guns differently. To an extent, pistol evaluations became well...just plain boring. Sure, ergonomics have changed, controls have changed and finishes have changed, but it got to a point to where I was starting to feel like I've seen it all.

That was, of course, before I was introduced to the Walther CCP M2 (MSRP \$489 in stainless). While the M2 is an improvement on its predecessor, its design is truly unique when compared to other pistols on the market. I had the chance to do some work with one and it was, without a doubt, a unique experience.

Concealed carry pistols have always been designed to be small. The issue with size (and weight) reduction is that it makes for a pistol that is very snappy to shoot, less accurate than its longer barreled compatriots and usually needs a very hefty recoil spring to function properly. Walther Arms has had hit after hit with their PPQ and PPS series pistols, but wanted to fill the needs of those who struggled with the aforementioned woes. Their initial crack at it was

SPECIFICATIONS	WALTHER CCP M2 9MM
CALIBER/GAUGE:	9MM
BARREL:	3.54-INCH STAINLESS STEEL
OVERALL LENGTH:	6.41-INCHES
EMPTY WEIGHT:	22.33-OUNCES
SIGHTS:	3-DOT POLYMER
ACTION:	GAS DELAYED BLOWBACK
FINISH:	STAINLESS OR BLACK
CAPACITY:	8+1 ROUNDS
PRICE:	\$489

their first true CCP pistol. Capacity is 8 +1 rounds of 9mm, and empty weight is 22.3 oz. The Walther CCP ("Concealed Carry Pistol") was a terrific design. It delivered on these shortcomings by utilizing a gas piston system, just

1—THE 3.54-INCH BARREL KEEPS OVERALL LENGTH SHORT YET WALTHER WAS STILL ABLE TO INCORPORATE A PICAT-INNY RAIL FOR WHITE-LIGHT AND/OR LASER MOUNTING. THE CCP M2 CAN BE HAD IN EITHER THE STAINLESS VERSION (TESTED) OR WITH A BLACK-COATED SLIDE.



1.

2—CONTROLS ARE WELL-PLACED, EASY TO MANIPULATE AND THE MAGAZINE IS REVERSIBLE TO ACCOMMODATE BOTH RIGHT AND LEFT-HAND SHOOTERS. THE ACHILLES HEEL OF THE ORIGINAL CCP WAS AN ARDUOUS TAKEDOWN PROCEDURE. THE M2 VARIATION KEPT ALL THE FEATURES THAT SET IT APART AND SIMPLIFIED TAKEDOWN DRAMATICALLY. WITH LITTLE MORE THAN A FLICK OF THE LEVER AT THE REAR OF THE SLIDE THE GUN CAN BE TAKEN APART WITHOUT THE USE OF ANY TOOLS.

2.



Don't
Tread
on me!



sigsauer.com

THE NEW FACE OF FREEDOM



Introducing the TREAD by SIG SAUER.

- Free-floating M-Lok® handguard for increased accuracy and modularity
- Stainless-steel barrel with mid-length gas system for smoother cycling and reduced recoil
- Magpul® adjustable stock for a customized fit
- Fully ambidextrous fire controls for easy operation
- Complete line of user installed customizable accessories

SIGSAUER
NEVER SETTLE

1.

WALTHER CCP M2

1—SHOWN HERE IN A CROSSBREED FOUNDER'S SERIES APPENDIX CARRY AIWB HOLSTER (CROSSBREEDHOLSTERS.COM), AND WITH ITS SPARE 8-ROUND MAGAZINE, THE CCP HITS THE SWEET SPOT BETWEEN CONCEALABILITY AND SHOOTABILITY; IT'S COMPACT AND THIN ENOUGH FOR DAILY CARRY, YET LARGE ENOUGH FOR COMFORTABLE WEEKLY PRACTICE.



2.

2—THE CCPS NON-SLIP, CROSS-DIRECTIONAL GRIP SURFACE GIVES AMPLE TRACTION, AND IT'S SLIM, HIGHLY-CONTOURED GRIP—WHICH IS CONTINUED ONTO THE MAGAZINE BASEPLATE—ALLOW FOR A FULL FIRING GRIP.

like an AK-47. This design in such a compact pistol intrigued me, as the last gas operated pistol I fired was a Desert Eagle L5!

Walther's gas-piston system utilizes a fixed barrel, which does wonders for accuracy as it stays put during firing cycle and doesn't have to return to a precise position after each shot. Moving on to rack-ability (say that at a cocktail party sometime) there is no need for a monster recoil spring with the gas controlled which means easier operation. This also reduces the forward recoil that is generated by the slide slamming back into battery under heavy spring tension. Together, these qualities make up Walther's Softcoil delayed gas blow-back system, which is their claim to fame on this innovative firearm.

The CCP gained quick popularity because it was extraordinarily functional, however it did have its shortcomings. For starters, God help you if you needed to reassemble it in a rush! Admittedly, I came in a little late to the game, as the M2 was the first CCP that I have laid hands on, so I had to request an original to play with as well. Taking both apart and putting them both back together made the improvements very apparent, as you'll see about later. Comparing the CCP M2 to the entire Walther lineup made it obvious what they were trying to achieve. The CCP M2 is a polymer-framed, striker-fired pistol, just like nearly every other gun they make. However, it mates new technology with old world charm. Many concealed carry permit holders aren't fans of in-trigger safeties



PLINKABLE

When you're a plinker, no target is off the table. With Savage's accuracy embedded in every rimfire rifle, your new target doesn't stand a chance.



A22 MAGNUM

SAVAGEARMS.COM

SAVAGE
BETTER COMES STANDARD.

WALTHER CCP M2



1—AGUILA'S 147-GR. FLAT POINT TRAINING AMMO WAS THE MOST ACCURATE LOAD OF THE DAY IN OUR CCP M2 TEST PISTOL. THIS SUB 1-INCH GROUP WAS FIRED AT 15 YARDS WITH NOTHING MORE THAN A RANGE BAG SUPPORTING THE AUTHOR'S WRISTS. RECOIL WAS STILL VERY MANAGEABLE LARGELY DUE TO THE SOFTCOIL TECHNOLOGY.

2—DOES WALTHER'S SOFTCOIL TECHNOLOGY ACTUALLY WORK? IN A WORD, YES. POST-SHOT SIGHT ACQUISITION SEEMED NOTICEABLY QUICKER, AND SUSTAINED SHOOTING NOTICEABLY MORE COMFORTABLE.



1.

2.

and prefer an external thumb activated option. The CCP M2 delivers that to help folks not endeared to the PPS or PPQ fire control groups. Also, vastly different from these pistols is the trigger itself. While the PPS and PPQ series of pistols offer short, light triggers with nearly no forward travel to reset, the CCP offers a traditional long squeeze and reset, similar to a revolver. Unlike a revolver the trigger takes nearly no effort to squeeze. I would describe it as a “rolling break” which a lot of people find desirable as it requires a conscious effort to make the gun discharge. Utilizing a Lyman electronic digital trigger scale (\$59.95; www.lymanproducts.com) we found it broke at an average of 5 pounds 14 ounces. Just like other pistols it shares the showcase with, the CCP M2 maintains signature Walther ergonomics with its pronounced palm swell, mild finger groove (singular) and cross directional grip texture.

During manipulation of the slide to test the trigger I observed its ease of operation. I would say it only requires about as much effort as a .380 ACP of similar size to rack. Improvised slide-racking, such as on a belt, was also consequently easier.

Getting it to the range we gathered a variety of ammo from Aquila, Wolf and SIG Sauer. Gas piston firearms can sometimes be finicky to cycle, so we wanted to cover all bases. Our first round of testing,

PERFORMANCE		WALTHER CCP M2 9MM		
AMMUNITION TESTED	BEST	WORST	AVG.	
AGUILA 124GN FMJ	4.18"	4.88"	4.36"	
AGUILA 147GN FMJFP	0.88"	2.31"	1.27"	
SIG 115GN ELITE V-CROWN JHP	2.12"	2.31"	2.18"	
SIG 115GM ELITE BALL FMJ	2.69"	3.06"	2.94"	
WOLF MILITARY CLASSIC 115GN FMJ	3.38"	3.94"	3.76"	
RESULTS OF FIVE 5-SHOT GROUPS FIRED AT 15YARDS FROM A REST				

well, sucked. We had a number of failures to feed and eject with nearly every brand of ammo. Because we were experiencing these failures with a variety of ammo, I turned my attention to the pistol. After disassembly I noticed it was very dry, so I put just a dab of gun oil everywhere metal contacted metal and reassembled it. This is where I appreciated the most substantial difference when compared to the original CCP—tool-less takedown and reassembly. I enjoyed sidestepping the enigma of balancing all of the parts and the takedown tool (if you remembered to pack it) as you attempted to put it back together. On range day, all I needed to do was flick a switch to take it apart, and then just align the gas piston to put it back together. After a little oil I was able to run over 400 rounds through the gun without a failure, and yes this included steel-case ammo. The reliance on oil is indicative of tight tolerances, and that in turn is indicative of quality.

After conducting an accuracy test from the bench position, I decided to test the Walther CCP M2 a little more in line with its intended use, concealed carry. Clipping on a C&G Covert Kydex holster (\$59.99; candgholsters.com) I experimented with both appendix and 4:00 o'clock positioning. Both were very comfortable and I was able to score double alpha hits on our full-sized Champion IPSC targets (\$189.95 www.championtargets.com) in as little as 1.63 seconds. Drawing was smooth and pointing was instinctual. I also took notice of the reversible magazine release, which scores a lot of southpaw brownie points. Carrying it home from the range was cozy, as the grip texture is surprisingly gentle against the skin. The thin, single-stack profile didn't get in the way much, even when sitting down.

Overall, I enjoyed my time with the revised Walther CCP and can recommend it to anybody who enjoys classic CCW function and is looking to lighten the load on their belt and their wrists. The slim pistol was very easy to grip and its size and Softcoil technology made it fun to shoot all day long. At the end of the day, the most effective pistol you own will be the one you don't shy away from practicing with. For more info contact **WALTHER ARMS**; Tel.: (479) 242-8500; Web: WWW.WALTHERARMS.COM

TFXTM PRO

TRITIUM + FIBER-OPTIC XTREME
PROFESSIONAL HANDGUN SIGHTS

DAY OR NIGHT,
BE READY FOR THE FIGHT.

TRITIUM + FIBER-OPTICS
Green dots glow day and night and adapt to available light, for a sight picture that is always bright and always ready

ANGLED REAR SIGHT EDGE
for emergency one-hand slide operation

U-NOTCH REAR SIGHT DESIGN
Improves speed and accuracy

HERMETICALLY SEALED CAPSULE
Fully protects optics from oils, solvents, and other chemicals

CONTRASTING ORANGE FOCUS-LOCK RING
for faster focus on front sight

WWW.TRUGLO.COM

Scan for video

30 STAND-OUT NEW PRODUCTS FROM THE 2019 SHOT SHOW

BY ON TARGET STAFF

KIMBER'S NEW MICRO 9 PISTOLS

OFFERED IN THREE MODELS—THE MICRO 9 KHX (\$815), Micro 9 ESV Black (\$799) and Micro 9 ESV Gray (\$799)—these bob-tailed, SAO minis are chambered in 9mm with 6+1 round capacity, and were designed specifically for discrete concealed carry. They vary only in checkering patterns, slide cuts, grips and finish colors, with other features being common. Height is a mere 4.0 inches, overall length is 6.1 inches, width in 1.08 inches and



weight is a svelte 15.35 oz. empty with magazine (15.6 for the KHX). The frame is machined from aero-space grade aluminum, with the slide machined from stainless steel. KHX sights consist of fixed fiber optics (2-dot green rear/single-dot red front), while the ESVs feature fixed 3-dot nights sights. All have 3.15-inch, match-grade stainless steel barrels, coated in Titanium nitride. The KHX features hexagonal checkering in lieu of slide serrations, while the ESVs have three slanted lightening cuts at the front of the slide and rear slide serrations. 1911-style grip safeties are absent, but the balance of the controls are otherwise similar. Kimpro II finishes in Black (ESV Black) or Gray (KHX and ESV Gray) are standard fare. The ESVs have black Altamont G10 checkered grip panels, while the KHX comes with camo Hogue G10 grip panels partially checkered and partially cut in the slide's hexagonal pattern. Slick little guns at a reasonable price. For more information contact **KIMBER MANUFACTURING**; Tel.: (888) 243-4522; Web: WWW.KIMBERAMERICA.COM

TRADITIONS CRACKSHOT XBR RIFLE

TRADITIONS PERFORMANCE FIREARMS HAS JUST INTRODUCED an arrow-launching rifle patented by Traditions. The XBR rifle package comes with two rifles for the price of one. It includes a Crackshot .22 LR caliber rifle with a 16.5" barrel which is designed for small game hunting and plinking. It also comes with the XBR upper which easily swaps onto the Crackshot lower, turning the rifle into the Crackshot XBR. This upper has an inner barrel protected by an outer shroud. Simply slide the hollow end of the included arrow onto the inner barrel and push downward until it meets the end of the barrel. The Crackshot XBR uses a Traditions Firebolt 2216 16-inch arrow made from aluminum. Next, break open the rifle and place a Traditions XBR Powerload .27 caliber blank in

the chamber, close the gun, remove the safety and fire at your target. The Crackshot XBR is extremely accurate and can reach velocities up to 385 f.p.s.. The arrow is pulled from the front instead of pushed from the rear so it maintains a steady trajectory. This gun has low recoil, is lightweight and has a very low decibel output when fired. The Crackshot XBR is perfect for adults, youth or anyone who is disabled or has limited arm strength . . . and really fun to shoot for all. This break-action design comes with a back synthetic stock and forearm, a forearm-mounted 3-arrow quiver and three Firebolt 2216 arrows. Available at your dealer later in the spring, pricing was not available at press time. See it at your local dealer or for more information contact **TRADITIONS PERFORMANCE FIREARMS**; Tel.: (860) 388-4656; Web: TRADITIONSFIREARMS.COM



CCI-CLEAN .22 LOADS

SIG SAUER MPX COPPERHEAD PISTOL

KIMBER'S NEW MICRO 9 PISTOLS

BEST OF THE 2019 SHOT SHOW

TRADITIONS CRACKSHOT XBR RIFLE



SIG SAUER MPX COPPERHEAD PISTOL

THE DIMINUTIVE NEW MPX COPPERHEAD, SEMI-AUTO, 9mm pistol—an unconventional high-performance design, with familiar AR controls and handling characteristics—from SIG SAUER features a monolithic Elite Series upper receiver, with an integrated stock-knuckle lower (both finished in flat dark earth Cerakote), and a carbon steel 3.5-inch barrel with integrated muzzle brake. The MPX Copperhead comes equipped with the new telescoping SIG SAUER Pivoting Contour Brace (PCB), giving shooters a brace that easily adapts to the movement of the shooter's arm with a patented swivel operation for perfect placement, and rapid deployment. Completely ambidextrous, the SIG MPX is great for left- or right-handed shooters with its dual-sided safety switch, magazine release, charging handle and bolt release. It operates from a fully-closed and locked rotating bolt, offering enhanced

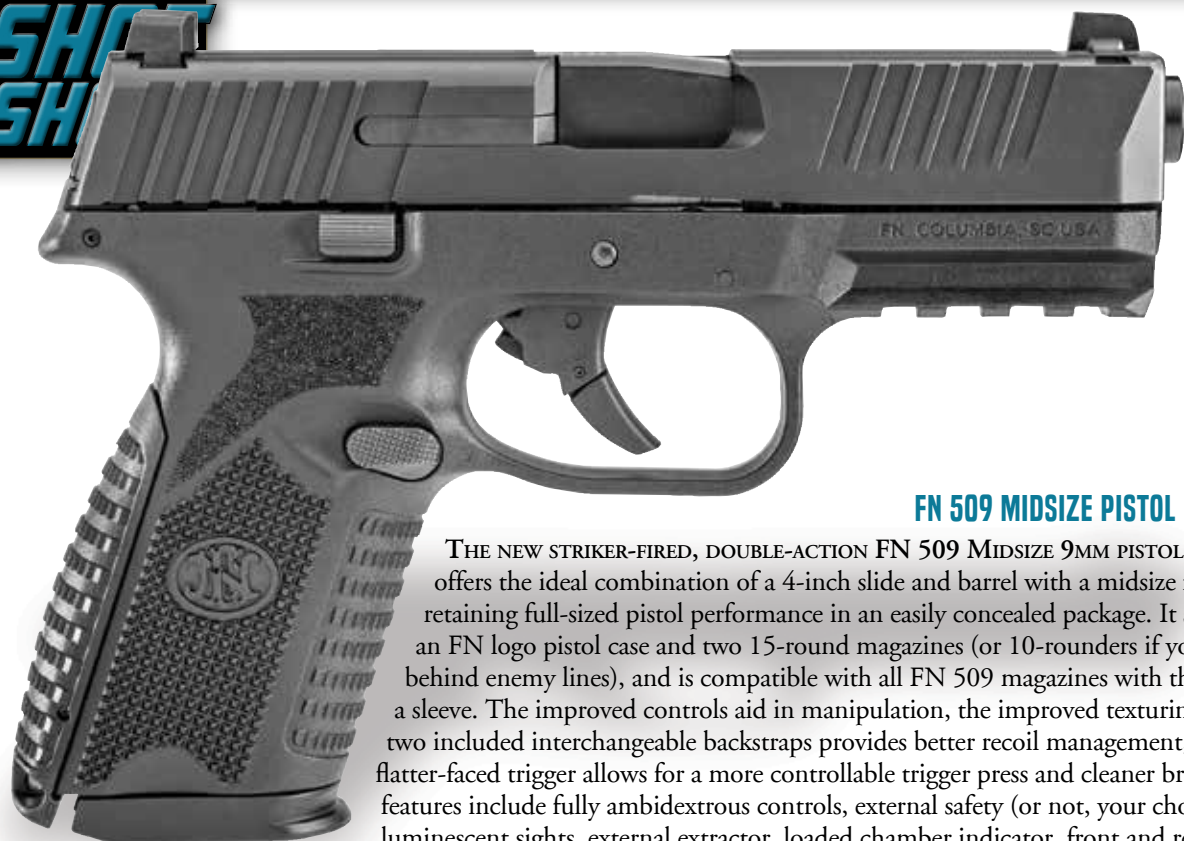
reliability and safety in use. A short-stroke gas piston allows the SIG MPX to run all weights and brands of 9mm ammunition with no adjustments to the gas valve. Empty weight is 4.5 pounds, overall length is 14.5 inches and overall height is 8.0 inches. It features a full-length Picatinny top rail, single-stage, polished, hard-coated trigger and comes with one 20-round polymer magazine. Pricing was not available at press time, but you can look forward to an in-depth feature review of this one right around the corner. Contact **SIG SAUER**; Tel.: (603) 610-3000; Web: WWW.SIGSAUER.COM

CCI CLEAN-22 LOADS

CCI AMMUNITION HAS JUST INTRODUCED ITS NEW LINE OF Clean-22 .22 LR ammunition, with ultra-clean performance that represents the future of rimfire shooting. Shipments of Clean-22 are being delivered to dealers as this is being written, so you won't have to wait a year to buy them. Clean-22 uses an exclusive polymer-coated bullet to greatly reduce copper and lead fouling in the barrel without leaving a residue. Both the sub-sonic and high-velocity versions feature a 40-grain round-nose, lead bullet with new bullet geometry for improved accuracy. With dependable CCI priming and consistent propellant, Clean-22 ammo provides flawless cycling through semi-automatic pistols and rifles and all other .22 LR firearms. The features and benefits of CCI Clean-22 include an innovative polymer bullet coating that greatly reduces lead fouling without leaving any barrel residue whatsoever, an amazing 60 to 80 percent reduction in lead fouling when using a suppressor, red 40-grain lead round nose bullets for high velocity hunting loads, blue round nose bullets for sub-sonic use with a suppressor, and

ultra-reliable functioning in all semi-automatic firearms. The CCI Clean-22 is a great option for both casual and competitive shooters. The sub-sonic Clean-22 40-grain blue poly-coated LRN runs at 1,070 f.p.s. from the muzzle and is priced at \$9.95 for a 100-round box. The high-velocity Clean-22 40-grain red poly-coated LRN hits 1,235 f.p.s., and is also priced \$9.95 per 100-round box. Contact **CCI AMMUNITION**; Tel.: (800) 379-1732; Web: WWW.CCI-AMMUNITION.COM





FN 509 MIDSIZE PISTOL

THE NEW STRIKER-FIRED, DOUBLE-ACTION FN 509 MIDSIZE 9MM PISTOL (\$649) offers the ideal combination of a 4-inch slide and barrel with a midsize frame, retaining full-sized pistol performance in an easily concealed package. It ships with an FN logo pistol case and two 15-round magazines (or 10-rounders if you live behind enemy lines), and is compatible with all FN 509 magazines with the use of a sleeve. The improved controls aid in manipulation, the improved texturing on the two included interchangeable backstraps provides better recoil management, and a new flatter-faced trigger allows for a more controllable trigger press and cleaner break. Other features include fully ambidextrous controls, external safety (or not, your choice), 3-dot luminescent sights, external extractor, loaded chamber indicator, front and rear slide

cocking serrations, and a cold hammer-forged stainless-steel barrel with a recessed target crown and polished chamber and feed ramp. The polymer frame features replaceable steel frame/slide rails, enhanced grip texturing and a 4-slot Picatinny rail under the dust cover. It weighs 26.5 oz. empty, measures 7.4" long x 5.2" high, with a sight radius of 5.79" and a trigger pull weight of 5.5 to 7.5 pounds. Stand by for a full feature review in an upcoming issue of *On Target*. Contact **FN AMERICA**; Tel.: (703) 288-3500; Web: WWW.FNAMERICA.COM

MEOPTA DICHROIC RETICLE WITH BATTERY-FREE ILLUMINATION

MEOPTA HAS BEEN PRODUCING HIGH-END EUROPEAN OPTICS FOR OVER 85 years. Their newest creation is the dichroic DichroTech coating that enables reticles in multiple color configurations to automatically adjust color tone and intensity in varying lighting conditions without the use of batteries. Initially available in their 30mm tube diameter 3-12x56 MeoStar R1 with first focal plane reticles, and R1r with second focal plane reticles, Meopta will offer many more DichroTech reticles in their riflescopes in 2019. DichroTech provides maximum contrast and visibility, enhancing target acquisition while improving shot placement. Meopta's 4D DichroTech reticle with color-contrast enhancement features a 4-MOA red dot in the center of the reticle. The dot and crosshairs are activated by ambient light. The proprietary, light-sensitive dichroic coating appears bright red in daylight conditions but in lower light, depending on the background, the red changes to a light green for better contrast. Reticle color adapts for optimal visibility depending on available ambient light, while the center dot draws the eye to the point of aim. Unlike standard black reticles, the colored reticle is mostly transparent, allowing for a more complete field of view, particularly at higher magnifications. Both scopes are offered at \$999.95 through March 31, but after that the sticker price jumps \$200. Contact **MEOPTA USA**; Tel.: (800) 828-8928; Web: WWW.MEOPTASPORTSOPTICS.COM/US



BE YOUR OWN PROTECTOR

INTRODUCING THE PROTECTOR SERIES FROM WILSON COMBAT®



Available in
5.56 NATO, 300 BLK
and 300 HAM'R



QUALITY YOU CAN TRUST
SERVICE YOU DESERVE
SINCE 1977

Carbine or Pistol Models Available
Learn more at www.wilsoncombat.com



TRIJICON RMR TYPE 2 LED SIGHT WITH 3.25 MOA RED DOT

THE RMR TYPE 2 WAS SELECTED BY USSOCOM for the Handgun Reflex Sight contract after extensive testing and evaluation showed the RMR Type 2 to be uniquely reliable and durable in handgun applications. A new and similar version (called the RM06-HRS) that closely matches the sight chosen by USSOCOM is now available to we commoners

(\$739). Hard-anodized in a coyote brown coating, and designed to reduce detection, it has special markings that identify its date of manufacture and unique serial number. Designed with a housing shape that absorbs impacts and diverts stresses away from the lens to increase durability, it also offers upgraded electronics that have been proven to perform when mounted on slide-ride pistols and other small arms. Easy-to-use buttons on the sides allow the user to adjust illumination brightness, toggle between manual and automatic modes, and power down the RMR for storage. All RMR Type 2

Adjustable LED sights are compatible with night vision devices, with the 3.25 MOA-dot being the most popular. The user can also lock out the buttons so that the RMR functions in automatic mode only, ensuring that inadvertent button pushes do not cause a loss of aiming solution. The 3.25 MOA dot is small enough to allow accurate shooting at range, while also being big enough to locate quickly. Contact **TRIJICON**; Tel.: (800) 338-0563; Web: WWW.TRIJICON.COM

DANIEL DEFENSE DELTA 5 PRECISION RIFLE

DANIEL DEFENSE HAS TAKEN THE MODULARITY OF the AR and integrated it into a bolt-action rifle. From interchangeable cold hammer forged barrels to a user-configurable stock, the DELTA 5 features out-of-the-box customization. User-interchangeable, stainless steel barrels (20" to 24" depending upon caliber) are offered for the three available chamberings: 7mm-08, 6.5 Creedmoor and .308 Win. It features a mechanically bedded, stainless-steel action with integral recoil lug, and a 3-lug bolt with a 60 degree bolt throw and floating bolt head. The trigger is an adjustable (1.5- to 4-pound pull weight), single-stage Timney Elite Hunter with two-position safety. With factory-set headspace the barrels are easily swapped by removing two bolts from the bot-

tom metal and a barrel nut. Pillars are integrated as part of the bottom metal and provide metal-to-metal contact with the mini chassis and action, eliminating humidity and temperature concerns. The receiver is topped by a 20 MOA/5.8 MRAD Picatinny top rail and the forend features 11 total M-LOK points with one on the bottom. The carbon-fiber-reinforced polymer buttstock is configurable for length of pull, comb height and butt pad height, and includes three QD sling points. It accepts AICS pattern detachable magazines (one included) and weighs 8.9 to 9.5 lbs. empty. The muzzle is threaded at 5/8" x 24 TPI with thread protector. See the Daniel Defense Delta 5 Precision Rifle at your local dealer or for more information contact **DANIEL DEFENSE**; Tel.: (866) 554-GUNS; Web: WWW.DANIELDEFENSE.COM



*We make it fast.
By building it slow.*

In the field, milliseconds matter. So in our factory, quotas don't. We take our time—tinkering with our machines 'til they purr, hand-inspecting every round, testing and retesting new ideas. Hell, we even answer our own phones. Chasing perfection means we'll never be the fastest. But our customers will.

BLACK HILLS
Ammunition

WE SELL DEALER DIRECT
www.black-hills.com | 605.348.5150

Facebook Twitter Instagram YouTube

**COMPETITION READY.
EVEN IF YOU'RE NOT.**

INTRODUCING THE ALL-NEW TAURUS® TX22. THE MOST ADVANCED 22LR RIMFIRE PISTOL ON THE MARKET.

Engineered to deliver best-in-class accuracy and reliability, this rimfire polymer sporting pistol shoots and feels every bit like a custom-tuned competition model—without any costly upgrades or modifications. From the short, smooth pull of its precision-designed Taurus Pittman Trigger System (PTS) to the built-in comfort of its ergonomic grip, the TX22 is one performance-driven full size that's ready to race. Right out of the box.

TX EXCLUSIVE TAURUS PITTMAN TRIGGER SYSTEM (PTS) • Developed with added safety in mind • Features an ultra-light, short trigger pull	THREADED BARREL	MIL-STD-1913 ACCESSORY RAIL	TWO 16-ROUND MAGAZINES INCLUDED (10-round magazines also available)
--	-----------------	-----------------------------	---

TaurusUSA.com Facebook Twitter Instagram

TAURUS DESIGNED TO PROTECT.

CZ-USA P-10 S OPTICS-READY

THE NEW CZ-USA P-10 PISTOL IS OFFERED IN NINE variations, three of which are “optics ready,” but we’re focusing on the CZ-USA P-10 S Optics-Ready subcompact model (\$577), an ideal concealed carry pistol. A full-size F model (\$590) and a compact C model (\$577) are also offered, and other than frame dimensions and barrel lengths, all offer identical operating systems. All are made in the U.S.A., a first for CZ. The CZ-USA P-10 S Optics-Ready features a fixed single tritium front ramp sight with large orange surround, and a serrated black rear sight. It ships with a blank optics filler plate, plus mounting plates for the Trijicon RMR and Leupold DeltaPoint Pro sights. It offers a swappable magazine release that requires just a minute to change for lefty-friendly use. A crisp trigger, excellent ergonomics and rugged reliability set it apart from many striker-fired pistols. Chambered in 9mm Luger, it offers a magazine ca-

capacity of 12+1 rounds, interchangeable backstraps, front and rear slide serrations, fiber-reinforced polymer frame with single slot equipment rail, 3.5-inch barrel, mechanical striker, striker block safety and Glock-like articulating trigger safety. Width is 1.26 inches, weight is 24.4 oz and overall length is 6.6 inches. This is a pistol you’ll want to check out for concealed carry use. Contact **CZ-USA**; Tel.: (800) 955-4486; Web: WWW.CZ-USA.COM

PATRIOT ORDNANCE FACTORY REVOLUTION DI

PATRIOT ORDNANCE FACTORY HAS INTRODUCED A DIRECT-GAS-impingement version of their award-winning 7.62 Revolution AR-style rifle. With the new Revolution DI (Direct Impingement) you get the same technology, same durability, same features, and same AR-15 size, but in a smaller system weighing only 6.81 pounds empty, a savings of over a half pound compared to the piston version. It is offered in .308 Win. with a 16.5-inch barrel in black (\$2,569.99) or Burnt Bronze (\$2,659.99), and 6.5 Creedmoor with a 20-inch barrel in black (\$2,669.99) or Burnt Bronze (\$2,759.99). It features the same fully ambidextrous controls, E2 Dual Extraction Technology where a small amount of gas pressure pushes against the neck of the spent case, assisting in extraction by breaking the seal between the chamber and case; match-grade chrome-moly barrels 5R button rifled for extreme accuracy and a big boost in velocity; single-stage,

non-adjustable, drop-in trigger with a 4.5-pound pull weight, nitride heat-treated to 70 Rockwell hardness, with stainless steel, KNS Precision anti-walk pins; a nitride heat-treated muzzle brake to control gas dispersion and reduce muzzle rise, producing faster follow up shots and unbelievably soft recoil; a bolt carrier group featuring a roller cam pin and Nitride heat treated bolt with chrome extractor and firing pin; Dictator 9-position adjustable gas block that lets you tune your rifle to the exact operating speed needed for suppressed or unsuppressed fire with any load; 14-inch Renegade Plus forend with two QD mounts per side, M-LOK compatibility on three sides and full-length Picatinny top rail; and an aluminum anti-tilt buffer tube with “carrier cradle” to ensure the carrier is supported by the buffer tube even when it is fully forward. You can read a full feature review in *On Target’s* upcoming *AR Issue*. Contact **PATRIOT ORDNANCE FACTORY**; Tel.: (877) 561-9572; Web: WWW.POF-USA.COM



THE
**NEW
IOS**
IS HERE

THE FINEST
1911
INTERCHANGEABLE
OPTICS
SYSTEM

nighthawkcustom.com

FEDERAL PREMIUM SYNTEC DEFENSE AMMUNITION

FEDERAL'S SYNTECH ammo changed the range forever, and now that technology is revolutionizing protection as well. All-new Syntech Defense ammo provides dynamic terminal performance with a hollow-point bullet that separates into three segments and a deep-penetrating core on impact. The core penetrates 12 inches or more through bare ballistic gelatin and heavy clothing—a critical benchmark in self-defense situations and the best terminal performance of any round in its class. The petals create three secondary wound channels, each more than 6 inches deep, adding to the terminal effect. Like all Syntech loads, an advanced polymer jacket eliminates lead and copper fouling and drastically reduces damaging heat and friction in the barrel.



Their Federal exclusive Catalyst primers provide hot, extremely reliable ignition without the use of lead. The blue polymer jacket on Syntech Defense reduces barrel heat and friction and eliminates metal fouling, and it employs an extremely reliable Catalyst lead-free primer. Twenty-round boxes of Syntech Defense are available in the following loadings: 9mm Luger 138-gr. (\$19.95), .40 S&W 175-gr. (\$22.95) and .45 Auto 205-gr. (\$24.95). See it at your gun shop, or for more information contact **FEDERAL PREMIUM AMMUNITION**; Web: FEDERALPREMIUM.COM

ROCK RIVER ARMS LAR-15 .450 BUSHMASTER

THE .450 BUSHMASTER IS AN EXTREMELY LETHAL cartridge for hard-to-kill game out to 150 yards or so (maybe a bit more). I was fortunate to be one of the testers of this new cartridge on a Hornady sponsored hog hunt in South Carolina before it was released. Every shooter killed every hog he fired at with a single shot . . . except one, and that was because the industry luminary who shall remain nameless shot the hog in the ass instead of the head! Thankfully, that hog was dispatched the very next day with a properly-placed shot. Rock River Arms has recognized the value of the .450 Bushmaster by introducing its new, impressively-light (6.8 lbs.) LAR-15 .450 Bushmaster (\$1,175). This mid-

length, A4 carbine features a 16-inch, stainless steel, Cyro-treated barrel, forged upper and lower receivers, M-Lok compatible, 13-inch free floated forend with full-length Picatinny top rail, RRA Operator muzzle brake threaded at 5/8" x 32 TPI, RRA's *really* excellent 2-stage trigger with winter trigger guard, low-profile gas block, RRA Operator CAR adjustable-length buttstock, RRA overmolded A2 rubber pistol grip and standard controls. It comes with one high-capacity magazine, an RRA lockable hard case and a 1-MOA accuracy guarantee. Extended length is 37.5 inches. You can look forward to an in-depth feature review of this one in the not-too-distant future. Contact **ROCK RIVER ARMS**; Tel.: (866) 980-ROCK; Web: WWW.ROCKRIVERARMS.COM



CONCEALED CARRY AT ITS HIGHEST CALIBER.

Introducing the million-rounds-tested FN 509® Midsize pistol. Modeled after the FN 509® and the rest of the world's most battle-proven firearms, the FN 509® Midsize pistol features a shorter grip frame, includes two 15-round magazines, and naturally improves concealability. This pistol is truly a natural fit for a legendary concealed carry lineup. To see all the battle-proven features, visit FNAmerica.com.

THE WORLD'S MOST BATTLE-PROVEN FIREARMS.



SPRINGFIELD ARMORY SAINT EDGE PISTOL

CHAMBERED IN 5.56 NATO, THE new Saint Edge Pistol (\$1,559) comes standard with the outstanding Maxim Defense CQB, 4-Position adjustable arm brace. The brace includes a 7075 aluminum housing and features integral QD mounting points. Under the handguard, a carbine-length, multi-mode adjustable gas block allows for tuning to specific ammo or suppressor use. The handguard itself is machined from aero-space-grade aluminum alloy with five rows of four M-Lok compatible mounting slots, a forward 4-position Maxim Defense hand-stop and 2-slot Picatinny top rail sections at the front for the included flip-up, elevation adjustable front sight (a dual aperture, windage-adjustable rear flip-up sight is also included) and at the rear to extend the upper receiver top rail for a more forward optic mount. Other features include 10.3-inch Melonite finished barrel rifled at a 1:8" twist, match-grade single-stage trigger with short reset, 7075 T6 billet aluminum upper receiver with Accu-Tite tension system, 7075 T6 forged aluminum upper receiver, Bravo Company MOD 3 pistol grip, enhanced M16, MPT 9310 steel bolt and carrier and ambi safety. It measures 24.6 inches overall with the brace fully telescoped, has an empty weight of 5 lbs, 11.5 oz. and comes with one 30-round magazine. You can read a full feature review in *On Target's* upcoming *AR Issue*. Contact **SPRINGFIELD ARMORY**; Tel.: (800) 680-6866; Web: WWW.SPRINGFIELD-ARMORY.COM



MOSSBERG MC1SC 9MM PISTOL

THE NEW MOSSBERG MC1SC POLYMER-FRAMED, striker-fired 9mm pistol is, as far as we know, Mossberg's first modern handgun. Five models are offered, including the basic MC1sc (\$425), the MC1sc Centennial (\$686), the MC1sc Cross-Bolt Safety (\$425), the MC1sc with TRUGLO Tritium Pro Sights (\$526) and the MC1sc Viridian Laser Equipped (\$514). All are built on the standard gun. The MC1sc is a subcompact defensive pistol built on a polymer frame with a 416 stainless steel, 3.40-inch, 6-groove, button-rifled barrel, and a 416 stainless steel slide with corrosion-resistant DLC finish. The only chambering offered is 9mm, and all models come with a 6-round flush-fit magazine, a 7-round extended magazine and an integrated trigger-blade safety *a la* the original Glock design. All variants feature fixed 3-dot white sights, except the TRUGLO model which is equipped with Tritium/fiber optic day/night sights (our decided preference among the models). Overall length is 6.25 inches, height is 4.3 inches and empty weight is 19 oz. Trigger pull weight is 5 to 6 pounds, and the sight radius is 5.4 inches. Stand by for a full feature review in an upcoming issue of *On Target*. Contact **O.F. MOSSBERG & SONS**; Tel.: (203) 230-5300; Web: WWW.MOSSBERG.COM



De Santis

VARIABLE 13™



WE DIDN'T INVENT
CONCEALMENT,
WE JUST
PERFECTED IT!™

MADE IN THE U.S.A.



The Variable 13™ is a 50/50 flat mold OWB holster made from the premium saddle leather you've come to expect from DeSantis Gunhide. The flat mold makes the Variable 13™ an ambidextrous holster, equally capable of being worn on the left or right. Removable belt loops allow wearers to adapt the holster to their preferred configuration. The Variable 13™ is easily worn with a straight or FBI cant, features adjustable tension for pistol retention, and is compatible with the Y94 Tuckable Adaptors.

LEARN MORE AT WWW.DESANTISHOLSTER.COM



SAVAGE MODEL 110 HIGH COUNTRY

PRICED AT \$1,129, THE NEW SAVAGE MODEL 110 High Country may be the ultimate bolt-action hunting rifle in its price bracket. This rifle is built to maximize accuracy with a spiral-fluted barrel and bolt, as well as the Model 110 action secured three-dimensionally along its entire length within the Savage AccuStock internal chassis. Its AccuFit system lets hunters customize length-of-pull and comb height of the TrueTimber Strata synthetic stock, which has over-molded, sticky rubber surfaces everywhere your body contacts the rifle. It also includes the award-winning, user-adjustable AccuTrigger with a crisp, clean, no-creep pull for making precise shots at longer distances. The low-friction, coyote brown PVD coating on the barrel, receiver and other critical parts is harder

than competing finishes and protects against corrosion and heat. At just 2 to 4 microns in thickness, the PVD coating does not interfere with the rifle's tight tolerances. Available chambered in 7mm Rem. Mag., .30-06 Springfield, .300 Win Mag., 7mm-08 Rem., 6.5 PRC, .300 WSM, 6.5 Creedmoor, .270 Win., .280 Ackley, .308 Win. and .243 Win., the Model 110 High Country is an excellent choice for all medium to large game. All feature 22- or 24-inch (depending upon caliber) spiral fluted barrels with 4-round detachable box magazines, and a 3-position safety. Empty weight runs from 8.1 to 8.5 pounds. You'll be able to read a full feature review in *On Target's* annual *Fall Hunting* issue. See it at your local dealer, or for more information contact **SAVAGE ARMS**; Tel.: (800) 370-0708; Web: WWW.SAVAGEARMS.COM



SILENCERCO SWITCHBACK 22 SUPPRESSOR

THE NEW SWITCHBACK 22 SUPPRESSOR from SilencerCo is made from stainless steel with a Titanium tube, and is one of the most versatile rimfire silencers ever developed. Not only does its modular construction allow the shooter to choose from three lengths, but its long configuration can be optimized for either pistol or rifle platforms. Inspired by technology used in rocket diffusers, when oriented in one direction the front section exhibits the most competitive sound reduction on the market for pistols, but when the orientation is flipped the result is unprecedented sound reduction

on rifles. The Switchback 22 delivers the quality and versatility you have come to expect from SilencerCo's premium rimfire silencers, including compatibility with a variety of cartridges, durability, user serviceability, and lifetime warranty and customer service. User configurable lengths in short, medium, long and long rifle optimized allows customization based on the end user's requirements. Weights, lengths and sound averages are as follows. Sound measurements were taken on a 16-inch barreled bolt-action rifle and a 3.3-inch barreled semi-automatic pistol, using ASA standard testing methods with .22LR CCI standard velocity ammo. Short: 3.2 oz., 2.50 inches long, 142.4 dB pistol/125.8 dB rifle; Medium: 4.3 oz., 3.59 inches long, 128.5 dB pistol/117.9 dB rifle; Long: 5.75 oz., 6.5 inches long, 114.0 dB pistol; Long Rifle Optimized: 5.75 oz., 6.5 inches long, 108.0 dB rifle. Priced at \$499, they will handle .22 LR, .17 WSM, .17 HMR, .22WMR and 5.7x 28, with full-auto compatibility. Contact **SILENCERCO**; Tel.: (801) 417-5384; Web: WWW.SILENCERCO.COM

SMALL SIZE,
BIG STYLE
MICRO 9 ESV (BLACK) & MICRO 9 ESV (GRAY)
AVAILABLE IN 9MM
LEARN MORE AT KIMBERAMERICA.COM



Kimber



MADE IN
AMERICA

WHAT ALL GUNS SHOULD BE™

(888) 243-4522
KIMBERAMERICA.COM

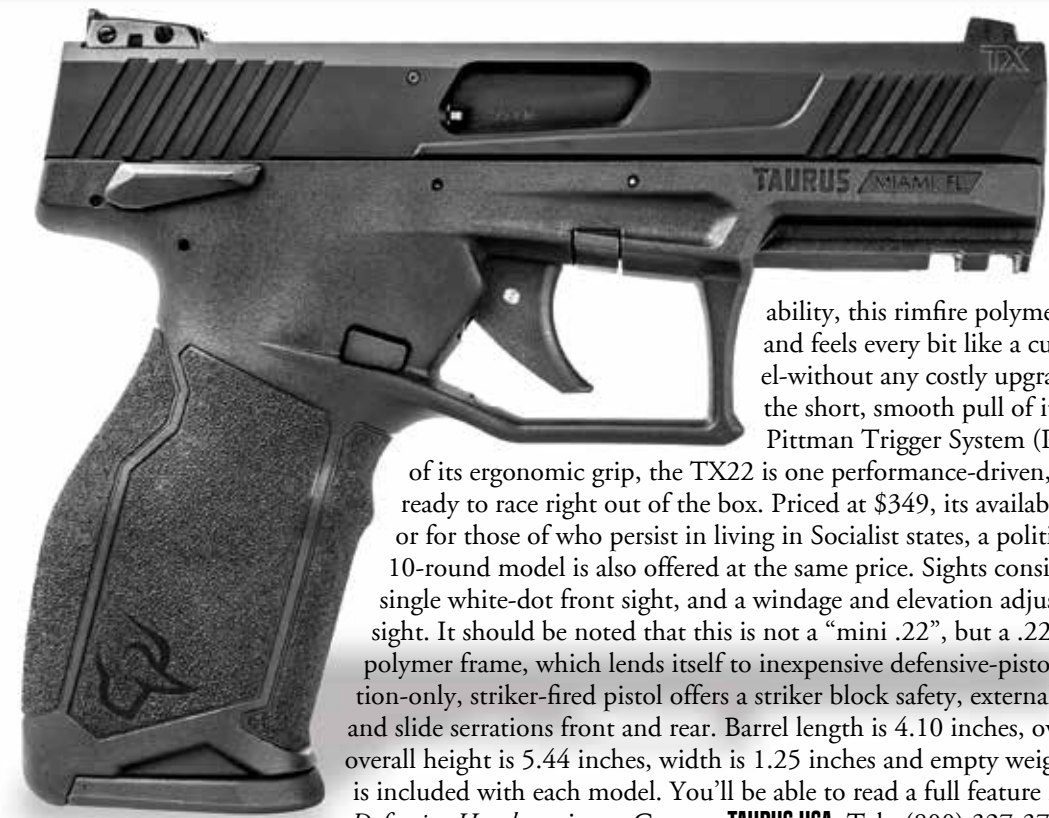
REAL AVID AR-15 ARMORER'S MASTER KIT

THE NEW AR-15 ARMORER'S MASTER KIT (\$249.99) CONTAINS ALL OF THE TOOLS NECESSARY TO build or customize an AR-15 rifle. These master-grade tools and included step-by-step "how-to" instructions equip you to confidently tackle everything from building your own gun from the ground up to customizing or modifying an existing gun. With better tolerances, materials and expanded capability, every tool is carefully designed to make each job as simple and easy to execute as possible. Housed in a polymer hard case with recesses for every tool, this is a comprehensive, top-top-quality tool kit for every AR-15 tinkerer. The tools include an armorer's master wrench with replacement hammer head, a Lug-Lok upper receiver vise block, a Smart-Fit lower receiver vise block, and AR-15 master bench lock, torque wrench, Easy-Grip handguard tool, pivot pin tool, pivot lock, complete pin punch set, pin alignment tool, Accu-Grip picks, a combination bore illuminator/empty chamber flag and a front sight adjuster tool. If purchased separately, this collection of tools would cost at least twice the price of the Armorer's Master Kit. For more information contact **REAL AVID**; Tel.; (800) 286-0567; Web: WWW.REALAVID.COM



TAURUS TX22 .22 LR PISTOL

THE NEW TX22 .22 LR PISTOL from Taurus may be the most advanced, highest-capacity (16-round magazine) .22 LR auto-pistol available today. Engineered to deliver best-in-class accuracy and reliability,



this rimfire polymer-frame sporting pistol shoots and feels every bit like a custom-tuned competition model without any costly upgrades or modifications. From the short, smooth pull of its precision-designed Taurus Pittman Trigger System (PTS), to the built-in comfort of its ergonomic grip, the TX22 is one performance-driven, full size .22 LR pistol that's ready to race right out of the box. Priced at \$349, its available in a full-capacity model, or for those of who persist in living in Socialist states, a politically correct, reduced-capacity 10-round model is also offered at the same price. Sights consist of a ramp mounted, fixed, single white-dot front sight, and a windage and elevation adjustable two-white-dot rear sight. It should be noted that this is not a "mini .22", but a .22 LR pistol built on a full-size polymer frame, which lends itself to inexpensive defensive-pistol practice. This single-action-only, striker-fired pistol offers a striker block safety, external manual safety, trigger safety and slide serrations front and rear. Barrel length is 4.10 inches, overall length is 7.06 inches, overall height is 5.44 inches, width is 1.25 inches and empty weight is 17.3 oz. One magazine is included with each model. You'll be able to read a full feature review in *On Target's* annual *Defensive Handguns* issue. Contact **TAURUS USA**; Tel.: (800) 327-3776; Web: WWW.TAURUSUSA.COM

THE 6.5 CREEDMOOR FROM WINDHAM



INCLUDES TRANSFERABLE
LIFETIME WARRANTY.
MAKE IT YOURS. FOR LIFE.

Windham Weaponry



MADE IN
THE USA

WINDHAMWEAPONRY.COM
TOLL FREE: 1.855.808.1888

Hornady
6.5 CREEDMOOR

YOU MIGHT HAVE
HEARD OF IT

Howa
Precision Rifles & Barreled Actions



IT'S KIND OF A
BIG DEAL

WE TAKE FULL ADVANTAGE OF IT



CALL 800-553-4229 FOR YOUR FREE 2019 CATALOG | LEGACYSPORTS.COM

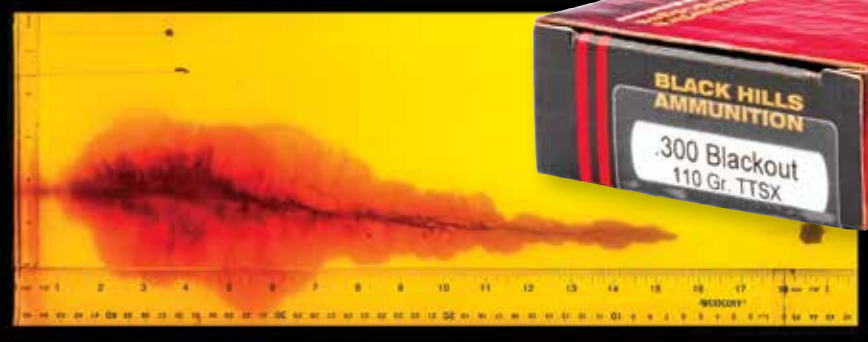


THOMPSON/CENTER PERFORMANCE CENTER T/CR22 RIFLES

THOMPSON/CENTER'S PERFORMANCE CENTER HAS introduced two upscale variants of their T/CR22 rifle. Both are chambered in .22 LR and have identical operating systems and functioning, and both are reminiscent in receiver shape and bottom metal to the iconic Ruger 10/22. The differences between the two models are in their stocks and metal finish. The base model T/C Performance Center T/CR22 (\$497) features a Hogue sculpted, overmolded, black thumbhole stock and stainless steel 20-inch, heavy-profile fluted barrel, receiver and Picatinny top rail. The other version of the Performance Center T/CR22 (\$616) is fitted with a sculpted and machine-checked Altamont laminated wood stock, with the same barrel, receiver and Picatinny top rail, but finished in blue. Other features common to both rifles include fully-machined 6061 aluminum receivers with holes at the rear to allow cleaning from the breech, fully-machined stainless steel bolts, 1:15" twist, button-rifled barrels for outstanding accuracy, large bolt knobs for easy operation, easy-to-use push-button safeties, crisp triggers, easy-to-push magazine release levers, 10-round detachable rotary magazines, hand-filling foreends with 0.920" barrel channels, muzzles threaded at 1/2" x 28 TPI for mounting muzzle devices and sling swivel studs fore and aft. Both models are not only reminiscent of the Ruger 10/22, but they are also compatible with most after-market 10/22 parts and accessories. Contact **THOMPSON/CENTER ARMS**; Tel.: (866) 730-1614; Web: WWW.TCARMS.COM

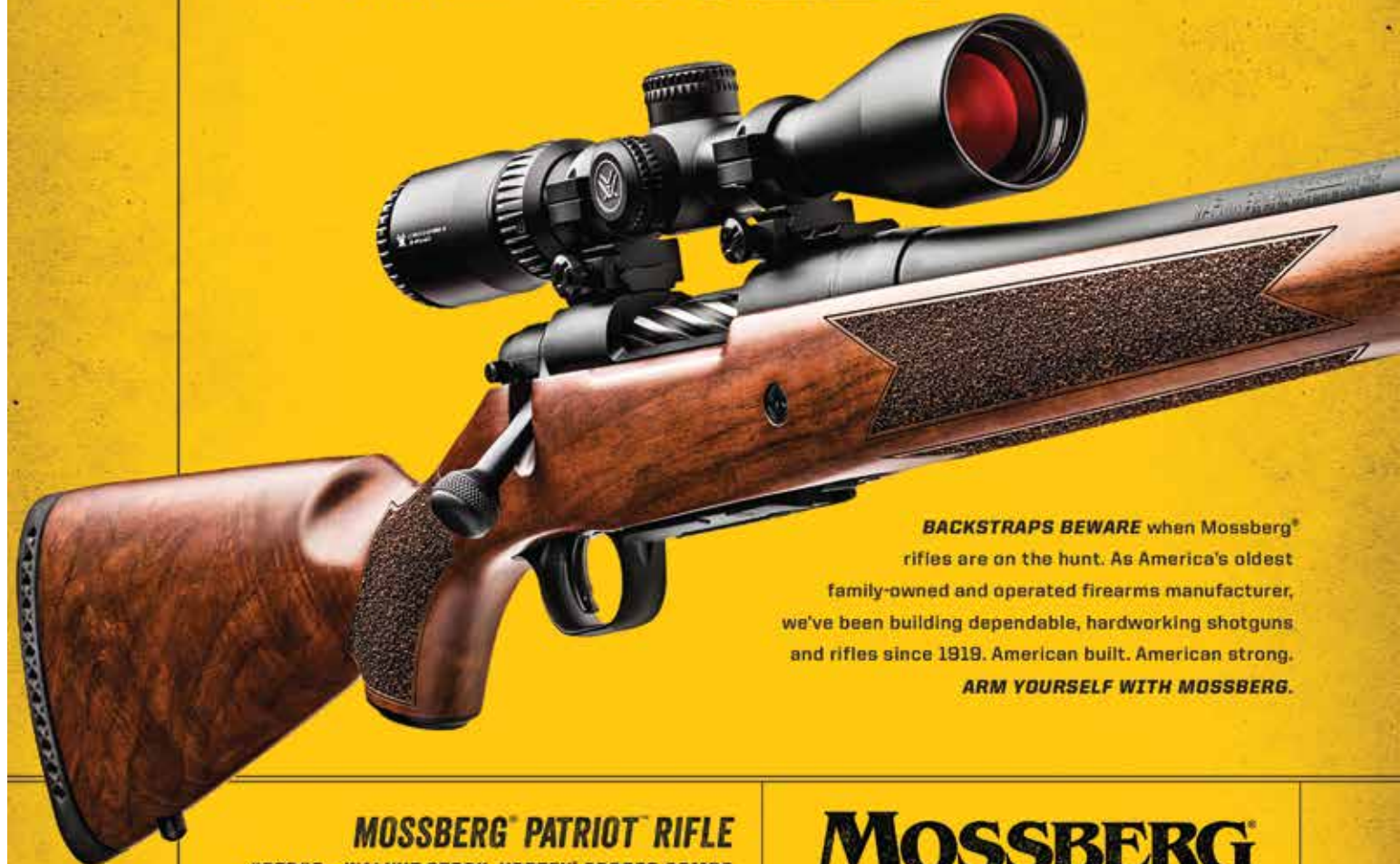
BLACK HILLS 110-GR, TTSX .300 BLACKOUT AMMUNITION

BLACK HILLS AMMUNITION HAS DEVELOPED A NEW, devastating .300 Blackout round for AR-15 rifles and pistols. Using a Barnes 110-gr. TTSX (Tipped TSX) bullet, and fired from a 6.5-inch barreled SIG Sauer MCX, this load created a temporary wound cavity diameter of 4.625 inches and a temporary wound cavity length of 9.375 inches—way more than enough to put any bad guy down for the count with a center of mass hit, and punch his ticket with a head shot. The Barnes TTSX develops 1,955 f.p.s. muzzle velocity, measured at a 12-foot distance from the muzzle to the block of ballistic gelatin. This projectile was designed with a long ogive to ensure smooth and positive feeding even from full 30 round magazines. It expands immediately upon impact and retains nearly 100% of its weight, penetrating to desired depths of 18-plus inches. It also performs well through tough barriers, such as car doors and windshields, making it very suitable for law enforcement use. Used in a hunting capacity, it provides superior performance against everything from whitetails to monster hogs. Weight retention of the TTSX bullet was 107.4 grains with an expanded diameter of 0.664 inches. This may be the best available choice for short-range personal defense with that cartridge. Pricing was not available at press time. Contact **BLACK HILLS AMMUNITION**; Tel.: (605) 348-5150; Web: WWW.BLACK-HILLS.COM



© 2018 O.F. Mossberg & Sons

RUT-RAGED BEASTS ROAM THE WILD.



BACKSTRAPS BEWARE when Mossberg® rifles are on the hunt. As America's oldest family-owned and operated firearms manufacturer, we've been building dependable, hardworking shotguns and rifles since 1919. American built. American strong.
ARM YOURSELF WITH MOSSBERG.

MOSSBERG® PATRIOT® RIFLE
#27940 - WALNUT STOCK, VORTEX® SCOPED COMBO

MOSSBERG.COM/ARMYOURSELF

MOSSBERG®
ARM YOURSELF.

ARM YOURSELF WITH SAFETY ⚠️ STORE FIREARMS SECURELY, INACCESSIBLE TO CHILDREN AND UNAUTHORIZED USERS.

WINDHAM WEAPONRY 9MM GMC PISTOL

MADE IN WINDHAM, MAINE, THE NEW 9MM GMC AR Pistol from Windham Weaponry is a top-quality piece priced at \$1,106. Both upper and lower receivers are machined from billet, 7075 T6 aero-space-grade aluminum. The flat-top upper has an integrally machined 13-slot Picatinny top rail that mates perfectly to the handguard's 19-slot top rail, providing plenty of real estate to mount any optic. The 7-inch, free-floated handguard includes a 2-inch rail section far forward on the left side. The lower features ambidextrous safety levers and otherwise Mil-Spec controls. Both receivers are hard-coat black anodized. Because of its pistol-caliber chambering, the semi-auto action is of the blowback type. Capacity is 17+1 rounds, and it comes with one 17-round Magpul magazine, but will accept all Glock-compatible 9mm, double-stack mags.

The 9-inch barrel is machined from 4150 Chrome Moly Vanadium 11595E steel with Melonite QPQ finish, rifled at a 1:10" twist rate. The muzzle is threaded at 1/2 x 28 T.P.I. for installation of a muzzle device or suppressor, and comes with a screw-on steel thread protector. The bolt is machined from 8620 steel. A 5-position SB Tactical arm brace is complemented by an A2 black plastic pistol grip. Empty weight is 5.8 lbs., length is 24.75 inches and it comes with a hard plastic gun case, black web sling and lifetime warranty. You can read a full feature review in *On Target's* upcoming *AR Issue*. For more information contact **WINDHAM WEAPONRY**: Tel.: (207) 893-2223; Web: WWW.WINDHAMWEAPONRY.COM

ELEVATED SILENCE EVOLUTION SUPPRESSOR

COMBINING THE TALENTS OF ELEVATED SILENCE WITH those of engineer Kyle Grob, the first truly cross-platform suppressor has been developed. While other multi-caliber cans may be able to shoot different size rounds up to the aperture limit, this doesn't mean they are efficient, accurate or even practical for a variety of host weapons. The Elevated Silence Evolution is the culmination of hundreds of hours of research and development, sound testing, accuracy testing, point of impact shift, and core

optimization. Priced at \$1,199, the body of the Evolution is made from Grade 5 Titanium, with a Grade 9 Titanium tube to ensure the temperature of the Evolution does not exceed 850 degrees F. A truly multi-use can, it will handle everything from .17 HMR to .300 Win. Mag., and is full-auto certified. One of the keys to the success of this system is the specifically designed muzzle brakes/mounts. Three separate muzzle brakes are supplied to tailor-fit the Evolution to the host weapon, which provides the maximum amount of suppression for each platform. Utilizing multi-chamber technology, it effectively redirects gas away from the bullet as it travels through the suppressor, which yields absolutely minimal effects on bullet trajectory and stability. Other features include near net zero point of impact shift, hearing safe performance at the shooters ear with all applicable calibers (less than 140 DB), zero degradation to the host weapon's accuracy across all calibers and operating systems and minimal back gassing. It measures 8.25 inches in overall length, 1.75 inches in outside diameter and weighs 15.3 oz. Look forward to more in-depth coverage coming up. Contact **ELEVATED SILENCE**, Tele.: (850) 633-4545; Web: ELEVATEDSILENCE.COM



THOMPSON/CENTER
America's Master Gunmaker®

www.TCARMS.com

#TCIMPACTSB



facebook/tcarmsco



twitter/tcarmsco



instagram/tcarmsco



youtube/tcarmsco





CRIMSON TRACE MAGNIFYING OPTICS

CRIMSON TRACE HAS BEEN A MAJOR FORCE in the laser sighting category since 1994, but they recently decided to expand their product line into a group of feature-rich, world class, magnifying tactical and sporting riflescopes. Each Crimson Trace riflescope incorporates advanced exterior and interior components designed by Crimson Trace engineers in Oregon. The new line features seven custom-designed reticles

for specific applications with advanced features, backed full lifetime warranty. The new line of riflescopes consists of 5-, 3- and 2-series model lines consisting of a total of eleven models, priced from \$499 to \$1,999. The 5-Series includes a 3-24x56mm Tactical (\$1,999), a 3-18x50mm Tactical (\$1,799) and a 1-8x28mm Tactical (\$1,499). The 3-Series is comprised of a 5-25x56mm Tactical (\$1,199), a 4-20x50mm Tactical (\$1,099), a 1-8x28mm Sport (\$999), a 1-5x24mm Tactical (\$899) and a 6-24x56mm Sport (\$849). The 2-Series includes a 4-16x50mm Sport (\$749), a 3-9x40mm Sport (\$499) and a 1-4x24mm Tactical (\$599). Their individual features are beyond the scope of this article, but we can tell you that six feature 34mm tubes, while five have 30mm tubes, objective lens diameters run from 24mm to 56mm, seven different reticles are offered (six graduated in MILS and five in MOA) and overall weights range from 17.8 oz. to 34.9 oz. Contact **CRIMSON TRACE**; Tel.: (800) 442-2406; E-mail: customer@crimsontrace.com; Web: WWW.CRIMSONTRACE.COM

WILSON COMBAT PROTECTOR SERIES ARS

WILSON COMBAT'S NEW LINE OF PROTECTOR ARS CONSISTS of carbine and pistol variants, both with a base price of \$1,999.95. Pretty much the same gun except for barrel length and stock configuration, we'll walk you through both. The carbine is built on Wilson Combat Mil/Spec forged upper and lower receivers, and is offered in 5.56 Nato with a 1:8" twist rate, 300 BLK with a 1:7" twist rate and the awesome 300 HAM'R with a 1:15" twist rate, all with a 16.5-inch match-grade stainless barrel. They feature a low-profile gas block, mid-length gas system (5.56 and 300 HAM'R; pistol gas on 300 Blackout), Q-Comp flash hider/muzzle brake, M-LOK compatible hand guard with a 4-inch Picatinny accessory rail and QD sling mounts, nitride coated precision bolt carrier group with Carpenter 158 MPI bolt, one piece gas ring, heat resistant chrome silicon ejector and extractor springs for long service life, Wilson Combat M2 two-stage TTU trigger with a crisp 4.5- to 5-pound pull weight, oversize tactical trigger guard, Wilson/Rogers Super-Stoc buttstock, BCM Starburst pistol grip and black or coyote tan Armor-Tuff finish. The pistol version (available in black only) shares all the construction features of the carbine, but is fitted with an 11.3-inch barrel and

a Tailhook Mod 2 adjustable pistol brace. The carbine comes with one 30-round magazine, while the pistol includes one 20-rounder. Both offer full-length Picatinny top rails. You'll be able to read full, in-depth feature articles on both carbine and pistol versions in upcoming issues of *On Target*. For more information contact **WILSON COMBAT**; Tel.: (800) 955-4856; Web: WWW.WILSONCOMBAT.COM



WEATHERBY® 18i™

18i™

SERIES

The Weatherby® 18i™ series of semi-automatic shotguns are built on the proven inertia system, that provides reliable cycling on an evenly weighted gun. Designed and built for shooters that require superior reliability with high volume shooting. The single piece receiver provides strength and simplicity. Premium engineering and material composition will provide consistent performance in the harshest of environments.

www.weatherby.com

WALKER'S

SILENCER™

RECHARGEABLE EAR BUDS SERIES

ELECTRONIC EAR BUDS

- ADVANCED DIGITAL CIRCUIT
- PERFORMANCE DIGITAL BLUETOOTH® (BWP-SLGR-BT ONLY)
- DYNAMIC WIND NOISE REDUCTION
- VARIABLE GUNSHOT SUPPRESSION
- SAC-SOUND ACTIVATED COMPRESSION

FREE CONTROL APP WITH BLUETOOTH® MODEL

INCLUDES USB CHARGING DOCK WITH INTEGRATED LITHIUM BATTERY

PROTECT IT OR LOSE IT.

WALKERSGAMEEAR.COM • GSMOUTDOORS.COM

GSM



than the rifle weighed before the modification (6.5 pounds empty), and overall length is only two inches longer than the American Rifle with factory barrel. The Whitetail is easily serviced by the shooter using only a 3/8-inch ratchet. The large suppressor and roomy expansion chamber make this rifle among the quietest (or is that "most quiet") available. The Whitetail Suppressor is machined from Titanium with a 17-4 stainless steel attachment fitting. Of Course, everything else is pure American rifle, with all the attributes you've come to expect from this excellent but inexpensive platform. Pricing on the Whitetail Integral Rifle System was not available at press time, but for \$800 Liberty Suppressors will take your own Ruger American rifle and turn it into an integral-

LIBERTY SUPPRESSORS WHITETAIL INTEGRAL RIFLE SYSTEM

THE ULTIMATE HUNTING RIFLE IS SOMETHING SHORT, LIGHT, accurate, and where legal, quiet. The new Whitetail Integral Rifle System from Liberty suppressors is built on a Ruger American rifle chambered in 6.5 Creedmoor, with a liberty whitetail suppressor integrally attached. The barrel is 17 inches long, and the suppressor is 13.5 inches long, and the combination weighs only a couple of ounces more

ly suppressed rifle. As long as your existing rifle has a minimum of 6.75 inches of barrel past the front of the forearm, with a barrel diameter of at least 0.675 inches at that point, and is chambered for any short-action caliber, Liberty can build you your own Whitetail integrally suppressed rifle. You'll be able to read a full feature review in *On Target's* annual *Fall Hunting* issue. Contact **LIBERTY SUPPRESSORS**; Tel.: (706) 661-6911; Web: WWW.LIBERTYCANS.NET

HORNADY 224 VALKYRIE AMMUNITION

HORNADY AMMUNITION HAS JUMPED ALL OVER THE NEW 224 VALKYRIE cartridge, with three new rounds added to its line. The 224 Valkyrie cartridge is a rimless, bottlenecked, intermediate rifle cartridge that was developed by Federal Ammunition to rival the .22 Nosler, while still running well in modern sporting rifles. It's a 6.8 SPC case necked down to employ .224 diameter bullets. Hornady's three new loadings include a 60-grain Varmint Express loaded with a V-Max bullet running at 3,300 f.p.s. at the muzzle (1,451 ft. lbs.), a 75-grain boattail hollow-point Black at 3,000 f.p.s. (1,499 ft. lbs.) and an 88-grain ELD Match at a muzzle velocity of 2,675 f.p.s. (1,398 ft. lbs.). With a 200-yard sight-in, they hit 42.6 inches, 41.7 inches and 47.4 inches



low, respectively, at 500 yards. All three loads rival the iconic 6.5 Grendel for drop at 1,000 yards, and the Valkyrie actually extends usable drop to 1,300 yards compared to the Grendel's 1,200 yards. It should be noted, however, that the Grendel still

has a significant energy advantage at extreme range due to its significantly heavier bullet. The comparison between the two rounds really comes down to how hard they hit at extreme range—a non-starter for target shooter, but a significant consideration for long-range hunters. Retail pricing on the three Hornady 224 Valkyrie loads was not available at press time. Contact **HORNADY MANUFACTURING**; Tel.: (800) 338-3220; Website: WWW.HORNADY.COM

TCP & ECP

TCP

ECP

DANWESSONFIREARMS.COM

- MATCH-GRADE BULL BARREL
- FORGED ALLOY FRAME
- HAND-FIT AND HAND-POLISHED
- CUSTOM GRADE WITHOUT THE CUSTOM PRICE TAG

Doc Holliday Thunderer®
3 1/2", .45 Colt
Nickel or stainless steel finish
Simulated ivory grips

'Doc at the O.K. Corral' painting by Western artist & actor - Buck Taylor

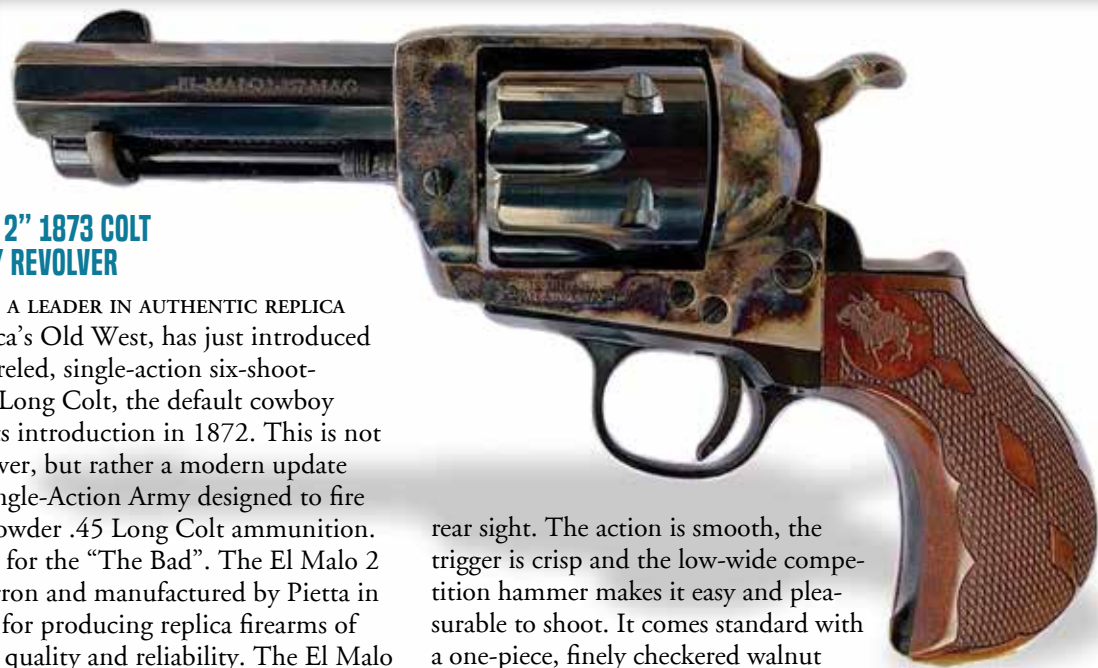
Each gun has "Doc Holliday" hand engraved into the backstrap, along with the number of the set if you purchase the combo. Combo also comes with a bone ivory-gripped dagger engraved with the same number just in case you run out of ammunition. Throw in a matching shoulder holster to hold them both and you have one truly special package.

www.cimarron-firearms.com Fredericksburg, TX U.S.A. 1877-SIXGUN1

CIMARRON "EL MALO 2" 1873 COLT SINGLE-ACTION ARMY REVOLVER

CIMARRON FIREARMS, A LEADER IN AUTHENTIC REPLICA firearms from America's Old West, has just introduced a new, octagonal barreled, single-action six-shooter chambered in .45 Long Colt, the default cowboy cartridge following its introduction in 1872. This is not a black powder revolver, but rather a modern update of the fabled Colt Single-Action Army designed to fire modern smokeless-powder .45 Long Colt ammunition. "El Malo" is Spanish for the "The Bad". The El Malo 2 is designed by Cimarron and manufactured by Pietta in Italy, which is noted for producing replica firearms of notable authenticity, quality and reliability. The El Malo 2 continues on that same path with a few nice upgrades. As noted, this new model from Cimarron is chambered in .45 Long Colt, an extremely popular and surprisingly powerful cartridge which is easy to find, easy to shoot and affordable to purchase for hunting, shooting or cowboy action competition. The revolver features a beautifully color case hardened frame, 4-3/4-inch octagonal barrel, fixed iron front sight and frame-notch, 1880-style

rear sight. The action is smooth, the trigger is crisp and the low-wide competition hammer makes it easy and pleasurable to shoot. It comes standard with a one-piece, finely checkered walnut grip with a laser-carved Cimarron Rider logo and provides a hand-pleasing hold. Bryce Wayt, VP of operations at Cimarron, says "Cimarron will be adding a .357/38 Special version, a variety of barrel lengths and a Thunderer style birdshead gripped model in the very near future." The El Malo 2 has an MSRP of \$760.50. For more information contact **CIMARRON FIREARMS CO.**; Tel.: (877) 749-4861; Web: WWW.CIMARRON-FIREARMS.COM



POINTER PHENOMA .410 SEMI-AUTO SHOTGUN

THE NEW PHENOMA POINTER .410-GUAGE SEMI-AUTO shotgun, offered by Legacy Sports, is a great training tool for young shooters, especially those learning to shoot clays at short ranges, and is a popular gauge among sporting clays shooters looking to compete in all four gauge classes. The .410's utility as a hunting shotgun is limited by its low shot weight, but with 3-inch shells it steps up closer to 28-gauge performance. The Phenoma POINTER chambers both. Perceived recoil with either is next to nothing. It's light, fast swing makes it suited to hunting dove, quail, grouse, rabbit and squirrel at short range. Turkey hunters looking for a challenge with sub-gauge shotguns will appreciate it when using the new .410 Federal TSS turkey ammo

that purportedly can down gobblers at 50 yards. Available in a variety of models, from a black synthetic option to a Turkish walnut version, plus Mossy Oak Bottomland and Realtree Original camo finishes, which are the choice of turkey hunters. Retail pricing starts at \$529. It comes standard with five extended choke tubes—unusual for .410s, which usually have only fixed chokes—along with fiber optic front sights, super-reliable gas operating system, single-round magazine cut off, Duratouch finish and a raised vent rib. All are compatible with Beretta/Benelli Mobil Style choke tubes. It features a chrome lined, 28-inch barrel, rubber butt pad, textured grip and forearm and a length of pull of 14-inches. Weight and other dimensions were not available at press time. Contact **LEGACY SPORTS INTERNATIONAL**; Tel.: (800) 5-LEGACY; Web: WWW.LEGACYSports.COM

RIVAL ARMS PISTOL COMPONENTS AND ACCESSORIES

RIVAL ARMS, AN ADVANCED DESIGN, ENGINEERING, AND manufacturing operation headquartered in Dallas, Texas, makes premium handgun components that are hand-picked by some of the leading machinists, product designers, material coating specialists and do-it-yourself firearm enthusiasts to offer the best handgun modifications and upgrades for competition, personal protection, defense service or simply the satisfaction of building a pistol to perform at its peak design potential. All Rival Arms parts—from barrels and coatings to sub-assembly components—are made in the U.S. with the highest-quality materials and



manufacturing standards. Both new and experienced shooters are beginning to spend more time on DIY projects and looking to significantly modify their stock pistols. These "hands-on" shooters demand components that exceed the quality and performance of factory-original parts, and Rival Arms products deliver. Current Rival Arms product lines center around the Glock platform—specifically, Glock models 19, 17, 22, 23, 34, and 43—with line expansions into other popular handgun platforms in the works. Their product lineup includes precision slides, with and without optic accommodations, precision drop-in barrels, threaded and non-threaded, precision strikers, high-performance guide rod assemblies, slide completion kits, frame pin kits, extended slide locks, two-piece flared magwell assemblies, grip plugs, magazine extensions and Tritium night sights. Contact **RIVAL ARMS**, via their website at WWW.RIVAL-ARMS.COM

NIGHTHAWK CUSTOM FIREHAWK 1911 PISTOL

IF YOU'VE GOT \$4,199 LAYING AROUND AND CAN'T THINK OF anything to spend it on, we have a suggestion for you: get yourself a new Firehawk 1911 pistol from Nighthawk Custom. This cutting edge offering from Nighthawk Custom is the next advance in their long line of purpose-built 1911s. By utilizing a recoil-taming, single-port compensator, a bull barrel, a commander length spring, reverse plug and a full-length guide rod that adds weight to the front of the pistol to reduce muzzle rise, Nighthawk Custom has maintained the standard stroke length of a Government-size (5-inch) 1911 for reliability. The lightened slide reduces reciprocating mass and delivers flat-shooting performance without increasing the size of the pistol. A French Border ties together both the slide and the compensator for a seamless look, and the one-piece mag well allows for smoother reloads. The compensator is bull nosed to allow for a cleaner draw and re-holster while still maintaining an edgy, aggressive look. Available in 9mm or 45 ACP, other features include gold bead front sight, solid black Hei-

nie ledge rear sight, match grade 9mm/.45 ACP barrel, a one-piece mainspring housing and magwell, a solid curved trigger, coarse rear cocking serrations, rear slide serrations, a beveled and recessed slide stop, single side safety and ultra hi-cut front strap. The black version comes with Agent 1 grip panels, while the stainless version has G10 grip panels with Nighthawk medallions. A host of other options are available at extra cost. Contact **NIGHTHAWK CUSTOM**; Tel.: (877) 268-4867; Web: WWW.NIGHTHAWKCUSTOM.COM





WALKER'S

BLUETOOTH EAR PROTECTION

CLARITY AND PROTECTION FOR ANY SEASON

If you're fortunate enough to live in a state that experiences all four seasons, then you know that ear muffs get to be too darn hot in the summer, and plugs leave your lobes exposed to the harsh elements in the winter. Walker's has delivered the next evolution in electronic hearing protection with both their Silencer BT plugs (\$299.99) and their XCEL 500BT muffs (\$149.99; both at www.walkersgameear.com) to keep you

protected, yet aware in any conditions. As designated with the "BT" in their respective model names, both new designs offer Bluetooth connectivity to allow the user to take phone calls, stream audio or link anything else that utilizes Bluetooth. Both models also offer a built-in equalizer that allows for four different modes including a voice-clarity mode, a power-boost mode, a high-frequency-enhancing mode and a universal mode. In our testing we found the



FRANK MELLONI



FRANK MELLONI

3—THE XCEL DIGITAL ELECTRONIC MUFFS FEATURE BLUETOOTH CONNECTIVITY AND FOUR DISTINCT SOUND-SUPPRESSION MODES TO SELECT FROM DEPENDING ON YOUR ENVIRONMENT AND AUDITORY REQUIREMENTS—UNIVERSAL, SPEECH CLARITY, HIGH FREQUENCY AND POWER BOOST.

1.

2.



3.



2—WALKER'S NEW SILENCER BT EAR PLUGS COME COMPLETE WITH A CHARGING/STORAGE DOCK. THE DOCK REQUIRES A CHARGE FROM ANY 5V USB SOURCE. THE EARPLUGS SNAP RIGHT INTO PLACE UNDER MAGNET TENSION AND CHARGING STARTS AND STOPS AUTOMATICALLY. 3—FOR ANY EARPLUG TO WORK PROPERLY IT NEEDS TO BE CUSTOMIZED TO THE USER'S EAR. WALKER'S INCLUDES THREE DIFFERENT SIZED INSERTS THAT ALLOW THE SHOOTER TO COMFORTABLY FIT THEIR EAR CANAL AS WELL AS THREE DIFFERENT "FINS" TO HELP LOCK THE UNITS IN PLACE VIA THE OUTER EAR.

voice-clarity mode to be exceptionally helpful when trying to carry on a conversation on a busy range, or even for just filtering out the sound of the HVAC unit blowing behind us. The power-boost mode came in handy when we tested them afield, as they picked up the sounds of even the most distant critters. Both offerings allow the user the option of selecting 2-, 4-, or even 6-hour automatic shutoff times. I found this to be very helpful, as I have pulled electronic ear protection out of my range bag with dead batteries more times than I wish to admit. We also enjoyed the voice prompts which gave us a plain English explanation of what was happening with each button we pressed. Hearing "Bluetooth on" and "universal mode" was a lot easier than having to commit certain tones and beep patterns to memory. The Silencer BT plugs are meant to fit snugly in your ear canal and come with three sizes of foam inserts, as well a variety of fins that help

them hook inside of your ear. This made wearing a state-required blaze orange hat effortless. It also eliminated any strain to my neck, as this is a near-weightless hearing protection option. The new ear plugs include a charging/storage dock. Simply plug the dock into any USB power supply with the included cable and it will charge, giving you enough power to charge the ear plugs with up to 14 hours of use in each charge. The small ear plugs have manageable controls, but the included iPhone or Android app lets you control every single feature on the phone, permitting you to have buttons in front of your face instead of having to feel around for them. The XCEL 500BT muffs take the passive protection aspect to a new level by moving the buttons from the cups to the headband. This allows for more internal space to suppress noise while not sacrificing controllability. We wore these on the range for 6 hours during our test and found them to be very comfortable

with no noticeable neck strain, largely due to their light weight. The four microphones on each side allowed us to easily pick up sounds all around us, as well as positively ID which direction they came from. While Walker's new muffs don't link up to the same app as their plugs, we found the buttons to be sufficiently large enough to recognize by feel, even with light gloves on. The 4-button design keeps it simple enough to easily adjust volume and change listening modes.

Overall, our time on the range and in the field with both new products left us with a very favorable opinion of what Walker's is doing to improve personal hearing protection equipment. Today there is absolutely no reason to sacrifice your hearing or your comfort to enjoy your time slinging lead at targets or pursuing your favorite game. For more information contact **WALKER'S GAME EAR**; Tel.: (877) 269-8490; Web: WALKERSGAMEEAR.COM

4—MOVING THE BUTTONS FROM THE CUP TO THE ARM BAND CREATES A LOT OF REAL ESTATE FOR ENGINEERS TO WORK WITH. THE DEEPER RECESS ALLOWS FOR NOT ONLY MORE SOUND SUPPRESSION, BUT MORE ROOM FOR THE EAR TO OCCUPY WITHOUT BENDING OR PINCHING. 5—THE BUTTONS ON THE EXCEL BLUETOOTH EAR MUFFS WERE SIZED PERFECTLY AND THEIR LAYOUT WAS VERY INSTINCTUAL. OPERATING THEM WAS EFFORTLESS AFTER JUST A FEW MINUTES OF PRACTICE. THE AUTHOR USED THESE ON A COOL FALL DAY, AND EVEN WITH GLOVES ON HE WAS ABLE TO MAKE ADJUSTMENTS TO TONE AND VOLUME.



4.

5.

GUN & GEAR GIVEAWAY CONTEST



The prizes in this issue's Gun Giveaway Contest are a Weatherby 18i Synthetic semi-synthetic shotgun, a case of Kent Cartridge Fasteel 2.0 shotshells and a pair of Walker's Game Ear Razor Pro Earmuffs with the new Razor Mounted Walkie Talkie, with a combined retail value of \$1,469!

WEATHERBY 18i SYNTHETIC

The new 18i Synthetic semi-synthetic shotgun from Weatherby is available in 12-gauge only, with a 3.5-inch chamber (\$1099.00). It's built on Weatherby's proven inertia system, that provides reliable cycling with 2.75-inch, 3.00-inch and 3.5-inch shotshells in an evenly-weighted gun that points well and swings easily. Designed for shooters who require superior reliability with high volume shooting, the single piece receiver is precision machined from billet aluminum for strength and simplicity. The advanced elastomer synthetic stock has been designed for a seamless fit to the shooter with a soft touch area on the cheek rest and aggressive texture in the palm and forearm. The premium engineering and material composition will provide enduring and consistent performance in the harshest of environments. During low lighting conditions, the high luminosity LPA fiber-optic front sight ensures accurate target acquisition. The safety is conveniently located behind the trigger with a positive red ring for visible confirmation when in the "off safe" position. Five choke tubes and a choke tube wrench are included and contained in a small plastic case. It comes with a matte finished, elastomer synthetic stock and forearm for reduced perceived recoil, full-length ventilated top rib and LPA fiber-optic front sight. Capacity is 4+1 rounds of 2.75-inch shells (2+1 with magazine limiting plug installed). It is equipped with a 28-inch barrel and weighs 7.0-pounds empty. Contact **Weatherby**; Tel.: (307) 675-7800; Web: www.weatherby.com

Enter for free at...

ONTARGETMAGAZINE.COM

KENT FASTEEL 2.0 PRECISION PLATED STEEL WATERFOWL SHOTSHELLS

The new Ultra High Performance Fasteel 2.0 Precision Plated Steel Waterfowl Shotshells from Kent Cartridge include a high-performance base wad, all weather reliability, optimal velocities for consistent patterns, precision plated steel shot and are designed to function reliably in all semi-automatic firearms. They are loaded with a CX2000 primer, the most reliable all-weather primer available, and a cutting-edge, custom-double base powder. Included are ten 25-round boxes of #2 Fasteel 2.0

Precision shot shells. Pricing was not available at press time, but is estimated to be at least \$250. Contact **Kent Cartridge**; Tel.: (888) 311-5368; Web: www.kentcartridge.com



WALKER'S GAME EAR RAZOR WITH MOUNTED WALKIE TALKIE

Walker's Razor Pro Earmuffs are perhaps the best in the industry, and the company has just introduced an extremely useful accessory—the Razor Mounted Walkie Talkie. The Walkie Talkie permits communication among hunters in the same party to prevent the "Dick Cheney" SNAFU of shooting at your hunting buddy, and coordination of separate and distinct fields of fire. The muffs retail for \$79.99, while the Walkie Talkie sells for \$49.99. Purchased as a combo, the pair sells for \$129.99, which is the prize in this contest. Contact **Walker's Game Ear**; Tel.: (877) 269-8490; Web: www.walkersgameear.com

OSS HELIX

7.62 TI SUPPRESSOR

YOUR NO-BACKPRESSURE SOLUTION

WHILE TESTING THE THEN-NEW FN America SCAR 17S in 2011 I tried several suppressors. Conventional designs tended to beat up the rifle, and me. During rapid fire it was unreliable, with lots of gas moving down the barrel into the action (and my face). It would work in a pinch, I guess, but less than ideal and proved problematic for the SCAR Heavy for the military. A friend of mine asked me to try his latest OTB (Over The Barrel) design, the Helix OSS. It was a two-piece design with little or no back pressure. The difference on the

SCAR was incredible; recoil was reduced not increased, no gas in my face, brass ejection pattern was unchanged and reliability was excellent. With no baffles, gas flowed out the front, reducing back pressure with moderate sound reduction. That was Gen 2 as I recall. I have been using Gen 5 for quite a while now, having tested every generation in between over the years. Nowadays OSS Helix suppressors use the same flow-through



DAVE BAHDE



DAVE BAHDE

1—THREADED AT 5/8X24, THE OSS MUZZLE BRAKE-QD 762 FEATURES COARSE LEFT-HAND THREADS, NOT ONLY FOR QUICK ON/OFF, BUT TO ACTUALLY TIGHTEN THE SUPPRESSOR TO THE MUZZLE BRAKE WITH EACH SHOT.

2—BUILT FROM GRADE 5 TITANIUM AND 17-4 STAINLESS STEEL, THE LIGHT WEIGHT (14.5 OZ.) AND FULL-AUTO-RATED OSS HX-QD-7.62 TITANIUM SUPPRESSOR USES THE COMPANY'S PATENTED FLOW THROUGH TECHNOLOGY DESIGNED TO ELIMINATE BACK PRESSURE BY VENTING TRAPPED GASES OUT OF THE FRONT-OUTER FACE OF THE SUPPRESSOR.

1.



2.



OSS HELIX

1—THE PISTON-DRIVEN SCAR 17S PLATFORM IS PARTICULARLY SUSCEPTIBLE TO THE HIGH BACK PRESSURE OF MOST OTHER SUPPRESSORS, AND CORRESPONDINGLY, AND UNHEALTHY BOLT RECIPROCATION SPEED. THE SCAR SHOT SOFTER WITH NO CHANGE IN BRASS-EJECTION DIRECTION AND WITH NO ADDITIONAL GAS IN THE FACE—ALL TESTAMENTS TO IT NO-TO-LOW BACKPRESSURE DESIGN.

design in a more compact package that's lighter and quieter, and using a QD attachment. It was time to meld the newest Helix (HX) suppressor with an old friend, the SCAR 17S, and see if anything had changed.

OSS HX-QD-7.62 TITANIUM

MY TEST SUPPRESSOR WAS ONE OF THEIR most popular models, the 7.62mm built from Grade 5 Titanium and 17-4 Stainless steel. It was attached to their QD-Muzzle brake that is threaded 5/8" x 24 TPI. Length is 7.2 inches and it threads onto the QD with left hand threads tightening the suppressor with each shot. Like the rest of the OSS Helix suppressors, this one uses their patented Flow Through design that is designed to eliminate back pressure. The front of the suppressor has vents on the outer diameter that vent gas out of the front rather than trapping it inside creating back pressure. Unlike other predecessors the Helix is fully welded, completely contained and a single piece.

TEST PLATFORMS

MY PRIMARY TEST RIFLE WAS AN FN America SCAR 17S in FDE (Flat Dark Earth). A Midwest Industries MI-SCAR SOCOM extended rail using M-LOK was added along with a Timney Trigger. The scope was Bushnell's Elite Tactical 3.5 to 21 50mm DMR II using a G3 reticle, mounted in an



2—MOUNTED ON A POF'S NEW REVOLUTION DI 6.5 CREEDMOOR RIFLE, THERE WAS, AGAIN, NO GAS IN THE FACE OR A CHANGE IN BRASS EJECTION. THIS DIRECT-IMPINGEMENT RIFLE RAN COOLER AND MUCH CLEANER WITH THE OSS SUPPRESSOR ATTACHED THAN IT WOULD WITH A TRADITION SUPPRESSOR DESIGN.

3—MOUNTED TO THE AUTHOR'S SURGEON BOLT-ACTION RIFLE CHAMBERED IN .260 REM., THERE WAS NO FIRST-ROUND INCREASE IN RECOIL, NO BOLT LOCKING UNDER RAPID FIRE AND NO SIGNIFICANT HEAT RETENTION OR MIRAGE. THE BENEFITS OF NO/LOW BACKPRESSURE ARE REAL.

*Be Practical.
Chase impossibility.*

We don't fart around with daydreams—we get to work. No one's done it before? *Less competition.* Can't be done? *We hear a "yet."* Perfection—that ever-elusive target—inspires us to raise the bar and push what's possible. Even knowing, absolute perfection isn't. But damn if we won't get close trying.

BLACK HILLS
Ammunition

WE SELL DEALER DIRECT
WWW.BLACK-HILLS.COM | 605.348.5150

f t i y

SUBSCRIBE!

MISSED YOUR CHANCE TO SNAG A COPY?
GET SIX ISSUES, 1 FULL YEAR FOR ONLY \$15.95

ON TARGET
SHOT
LIMITS
2018 BEST OF SHOW ISSUE

ON TARGET
KES CUT
TACTICAL WINTER
2018 HUNTING ISSUE

ON TARGET
HANDGUN
DEFENSIVE HANDGUN
2018 DEFENSIVE HANDGUN ISSUE

ON TARGET
TREAD
2018 AIR ISSUE

ON TARGET
10
2018 EDITOR'S CHOICE AWARDS ISSUE

ON TARGET
RETRO
300 DIX
2017 DEFENSE ISSUE

SUBSCRIBE @
ONTARGETMAGAZINE.COM

**BEAR
BEAR
DOWN**

DAMASCUS STEEL BLADE
GENUINE INDIA
STAG BONE HANDLE
58-60 ROCKWELL
6-1/2" OVERALL LENGTH
3" BLADE LENGTH
2.5 OZ. WEIGHT
EXTRAS: BRASS GUARD, HOLLOW
GROUND BLADE & FALSE EDGE
INCLUDES: LEATHER SHEATH

MADE IN THE U.S.A.

Model: 500D 1/2
BABY BOWIE

BEAR & SON CUTLERY
GET YOURS AT
www.bearandsoncutlery.com

OSS HELIX

American Defense Manufacturing 34mm QD mount. Ammunition was Hornady's .308 Win. 155-grain BTHP American Gunner. My SCAR 17S has produced repeated 0.60 inch groups at 100 yards in this configuration, and an occasional sub-2-inch group at 300 yards.

Along with the piston driven SCAR, three other rifles were tested, all proven accurate during testing, each representing somewhat different gas systems and designs. Lewis Machine and Tool's MWS MARS-H chambered in 6.5 Creedmoor has a fixed gas block and uses a standard DMPS bolt and carrier. Patriot Ordnance Factory's DI Revolution (6.5 Creedmoor) uses an adjustable gas block with a carrier the same size as that of an AR-15. Each of these rifles were first tuned to operate with a muzzle brake to see what tuning, if any, was needed after attaching the Helix.

Lastly, my Surgeon bolt rifle chambered in .260 Rem. was used to test for increased recoil on the first round, bolt locking under rapid fire, heat retention and mirage.

BACK PRESSURE

HAVING TESTED EVERY GENERATION of OSS suppressor, starting with the prototype, I am familiar with each, having used them on everything from 13-inch .308 rifles, to AKs, ARs, bolt rifles, and everything in between. The benefits of reduced back pressure are real, believe me, and in many cases these are the only designs I will use. While I do not have the technology to measure it, my shoulder, face and eyes have felt and seen it over the last several years.

With the OSS HX-QD attached to the SCAR it shoots softer, with no more gas in my face than is produced without a suppressor. Brass ejection was unchanged on the SCAR, as well as the other two AR10 rifles. Having little or no back pressure is a

huge plus . . . so much so that I will exchange sound reduction for the reliability that a no back-pressure suppressor provides. No sucking up gas, filthy actions, magazines, and ammunition. Especially on ARs, your rifle runs cooler with no change in brass ejection or overall operation.

RECOIL

NO BACK-PRESSURE DESIGNS TEND to produce less felt recoil. With no baffles you just don't get that push, even on a bolt rifle. Using the OSS HX-QD the first round felt the same as round ten, with less recoil and no bolt stick or lock under rapid fire and no muzzle blast. It also runs much cooler. The OSS HX-QD was better than a bare muzzle, nothing like a purpose designed brake, but not bad. I Would not want to be on either side of it, but it's not bad for the shooter.

BOTTOM LINE

THIS IS AN IMPRESSIVE SUPPRESSOR, not too heavy, long or loud. Accuracy, reliability and brass ejection were all unaffected. Back pressure is minimal to non-existent, keeping things clean, cool, and soft shooting. The OSS HX-QD suppressor attaches easily; you don't need to crank it on, just hand tighten and the design keeps it from loosening up, and taking it off does not loosen the brake. At \$1,299, the titanium version is on the high end, but it's really the only no back-pressure design right now and materials and construction are top notch. Move to the stainless model and you are down to a grand, pretty much what you pay for any high-quality suppressor, let alone one with no back pressure. If you want a solid suppressor that keeps your rifle clean, smooth running and soft shooting without gunking up the works or clogging your lungs, this is the ticket. Check it out at your nearest dealer, or contact **OSS SUPPRESSORS**; Tel.: (801) 542-0425; E-mail: ossupport@ossuppressors.com; Website: WWW.OSSSUPPRESSORS.COM