

**WIN!**

**AVIDITY ARMS PD10  
CARRY AND TRAINING PACKAGE!**

# SWAT.

**SURVIVAL WEAPONS AND TACTICS**

**CLOSE BUT NO CIGAR**  
STOEGER P350 SHOTGUN

**GUNS  
OF PURPOSE**  
SMITH & WESSON  
.45 REVOLVERS

**HK93**  
RIFLE RARITY

**POF-USA  
REVOLUTION**

**.308 Power in a .223 Platform**

**GLOCK G40**  
MODULAR OPTIC SYSTEM  
RED-DOT-COMPATIBLE LONG SLIDE

**PAT ROGERS MEMORIAL  
REVOLVER SUMMIT**

**CONCEALED-CARRY CAT**  
LIONHEART LH9N

- ▶ **MAN TRACKING**
- ▶ **PATTERNS OF TRAINING**
- ▶ **SENATE'S DANGEROUS GAMBLE**

AUGUST 2017  
\$4.99US \$6.99CAN

08>



0 74851 08382 6

# POF-USA REVOLUTION

**.308 Power in a .223 Platform**

By Eugene Nielsen

Photos by Tap Rack Bang Creative



**P**

atriot Ordnance Factory (POF-USA) sought to reinvent the AR platform with its new Revolution™. A lofty goal, but one that they accomplished, in my opinion. Not surprisingly, the Revolution has created quite a stir in the industry.

You may be asking, what's so revolutionary about the Revolution? For one thing, it packs 7.62x51 NATO (.308 Winchester) punch into a 5.56-size package. And it handles and shoots like a standard AR-15. Something that AR shooters have dreamed of for a long time is no longer just a dream.

The Revolution uses many standard 5.56 parts, allowing for a receiver with the same dimensions pin-to-pin as a milspec M16/M4, as well as reduced weight. With the standard 16.5-inch barrel, the Revolution weighs in at a svelte 7.3 pounds. The 14.5- and 12.5-inch SBR versions weigh 7.1 pounds and seven pounds respectively.

As for recoil, you have to shoot the Revolution to believe just how soft it is: a bit more than a 5.56, but not very much. And the accuracy is absolutely exceptional for an AR platform.


#### TECHNICAL SPECS

The Revolution is not a stripped-down 7.62 AR by any means. It has all the cutting-edge proprietary features one has come to expect from POF-USA, plus a lot of new ones as well.

The Revolution is built on the POF-USA Gen 4 lower receiver, albeit with a larger mag well to accommodate the larger .308 magazines.

The Gen 4 lower incorporates a number of features, including an ambidextrous bolt hold open and release with enhanced bolt catch, ambidextrous safety selector, Teflon® receiver tension screws, oversized mag well flare, ambidextrous magazine release, ambidextrous recessed finger rest, oversized integrated trigger guard with grip relief, and QD sling mount.

The Revolution employs standard 7.62 NATO AR-10/SR25/M110 pattern rifle magazines and ships with a single 20-round Magpul® PMAG® LR/SR GEN M3™ 7.62x51 magazine. PMAG LR/SR GEN 3 magazines are also available in 10- and 25-round capacities.



POF-USA Revolution was evaluated at Rio Salado Sportsman's Club range in Mesa, Arizona.

# POF-USA REVOLUTION



**ABOVE:** Billet receiver group is 100% ambidextrous.

**LEFT:** Oversized muzzle brake is just one reason Revolution shoots softly.



The bolt carrier is of one-piece design with the bolt carrier key built into the body. The patented design contributes to reduced carrier tilt. The bolt carrier is electroless high-phosphate nickel coated. The bolt carrier group features a chrome-plated bolt, extractor, and firing pin. The finishes provide corrosion resistance and lubricity.

POF-USA's patented E2 dual-extraction system incorporates four small channels built into the chamber to allow a small amount of gas pressure to push against the neck of the spent case as the extractor is pulling to the rear. This assists in extraction by removing a considerable amount of work that would otherwise need to be performed by the extractor alone.

The Revolution has a proprietary POF-USA single-stage, non-adjustable drop-in trigger. It has a 4.5-pound pull with a crisp, clean break. The trigger is pre-assembled in a hard-coat anodized aluminum housing with urethane rubber feet. The trigger, disconnect, and hammer are A2 tool steel and nitride heat treated to 70 RC for strength and corrosion resistance. The rifle features custom-fit stainless steel KNS Precision™ Anti-Walk Pins.

### GAS-PISTON SYSTEM

The Revolution also has POF-USA's patented five-position adjustable regulated short-stroke gas-piston system. It consists of just three major components: the gas plug, gas piston, and operating rod. Instead of gas being directed into the bolt carrier, as with a direct-impingement (DI) system, in a piston-operated AR, the gas pushes a piston that acts on an operating rod, which in turn pushes on the bolt carrier, cycling the action.

The piston system reduces two problems associated with DI systems: carbon fouling and timing issues (with short-barreled rifles and with the use of suppressors). The POF-USA gas system allows the user to restrict and even cut off the added backpressure when suppressors are employed.

The POF-USA seven-position milspec aluminum receiver extension (buffer tube) features carrier cradle extensions to ensure the carrier is always supported, even when the bolt carrier is fully forward, to prevent carrier tilt and premature wear of the buffer tube. The buffer tube detent is designed to double as a lock that inhibits

**The POF-USA Revolution is a superb rifle for hunters and sport shooters who favor a Modern Sporting Rifle.**

the buffer tube from rotating and becoming loose.

The Revolution has a chrome-alloy match-grade barrel with a 1:10 twist. It's nitride heat treated for full corrosion resistance and equipped with a nitride heat-treated triple-port muzzle brake to control gas dispersion and reduce muzzle rise. The latter allows for faster follow-up shots and substantially reduces felt recoil.

The Revolution features POF-USA's proprietary oversized aluminum heat sink barrel nut. It's over three inches long and completely encompasses the chamber and throat area of the barrel, dissipating heat where expanding gas pressures peak. It provides 17 times

**Revolution bolt carrier group (bottom) compared to P308 bolt carrier group. Even though it shoots .308, Revolution features 5.56 bolt carrier with roller cam pin. This means a smaller receiver size, as well as less mass moving, resulting in reduced felt recoil.**



# POF-USA REVOLUTION



more heat dissipation than a standard AR barrel nut. The long barrel nut also provides more guiding surface for the operating rod to ensure constant, positive contact with the bolt carrier.

The enhanced backbone receiver also adds substantial increased rigidity to the overall platform. It's five times thicker than standard flat-top platforms. POF-USA's patented Modular Railed Receiver (MRR) provides additional rigidity and precision.

The MRR is a two-piece upper assembly with a free-floating monolithic handguard that slides onto the upper receiver and interfaces directly with it. The free-floating POF-USA Edge Rail keeps accessories from weighing down on the barrel and reduces stress and flex in the barrel extension area, resulting in increased accuracy.

The Edge Rail has M-LOK® attachment points, as well as four QD sling attachment points. As most readers know, Magpul developed M-LOK. The U.S. Special Operations Command (USSOCOM) has selected M-LOK as the modular rail platform for its weapon programs, as a result of testing and evaluation conducted by Naval Surface Warfare Center (NSWC) Crane.

The Revolution features the Mission First Tactical BATTLELINK® Minimalist Milspec Stock (BMS). It's the lightest

**LEFT: Revolution has POF's new Edge M-LOK compatible slimmer handguard with four QD slots.**

**BELOW: High-phosphate nickel-coated bolt carrier group and rear QD slot.**





To show true size of Revolution's receiver (top), it is next to a 5.56mm AR lower receiver. Pin-to-pin, size is the same.



M-LOK-compatible handguard slides over oversized aluminum heat sink barrel nut, which not only dissipates heat 17 times more than standard AR with metal barrel nuts, but also gives operating rod substantial guiding surface.

stock on the market. The BMS is equipped with an angled no-slip rubberized buttpad, QD sling attachment point, and upper section designed for enhanced cheek weld.

The Revolution also has a Mission First Tactical Engage AR-15/M16 Pistol Grip Version 2, which has a 15-degree angle for improved comfort and control, as well as texturing to provide a positive grip surface.

#### AT THE RANGE

I met up with Josh Locatis of Tap Rack Bang Creative at the Rio Salado Sportsman's Club in Mesa, Arizona for some range time with the Revolution. The rifle was Josh's personal gun and was equipped with a Vortex Optics Viper® PST™ Gen II 3-15x44 FFP with EBR-2c (MOA) Tactical Reticle scope.

Josh brought Atomic .308 Winchester Match 168-grain

Nosler HPBT ammunition and some Wolf steel-cased 145-grain .308 ammo for testing, along with a Dead Air Sandman-Ti suppressor.

Several hundred rounds were fired through the Revolution while at the range. Admittedly not a lot, but all that was possible given the ammo and time constraints. There were zero malfunctions. The gun shot like a champ, with 100% reliability.

We did a mix of offhand shooting and bench work off a bipod. Shooting was conducted both with the factory brake and the suppressor. The piston system made suppressed fire a pleasure, with none of the unpleasant gas blowback to the face that one would have with a suppressed DI rifle.

The gun was a real shooter. POF-USA's claim of one

» *Continued on page 89*

#### » SPECIFICATIONS

### POF-USA REVOLUTION

MANUFACTURER	Patriot Ordnance Factory (POF-USA)
MODEL	Revolution
CALIBER	7.62x51mm NATO (.308 Win)
ACTION	Semi-auto, short-stroke gas piston system
WEIGHT	7.3 pounds
OVERALL LENGTH	34 inches (collapsed)
BARREL LENGTH	16.5 inches
BARREL TWIST	1:10
HANDGUARD	14.5-inch M-LOK MRR
TRIGGER	4.5 pound, drop-in
FIRE CONTROL	Fully ambidextrous
STOCK	Mission First Tactical
SUGGESTED RETAIL	\$2,669.99

POF-USA Revolution features five-position adjustable gas piston for a variety of shooting environments and circumstances.



MOA or better accuracy capability with match ammo is no bull. Do your part and the gun won't let you down. Velocities run in the 2,650 fps range with Atomic 168-grain Match from the 16.5-inch barrel.

The Revolution is capable of delivering outstanding groups. Josh showed me a photo he took of a .48-inch five-shot group shot at 100 yards by a benchrest shooter with the Revolution and Federal Premium® .308 175-grain Sierra MatchKing® BTHP. The shooter has no affiliation with POF-USA.



**Revolution ships with 4.5-pound drop-in single-stage trigger.**

POF-USA Founder and Owner Frank DeSomma sent me a photo of a target shot by his son Cody. After 2,500 rounds of Wolf ammo were put through the rifle during demos at the Arizona Game & Fish Expo, Cody cleaned the gun and then went out and shot at 100 yards with Atomic 168-grain Match a five-shot group that was smaller than a quarter.

**RECOIL**

Common sense is that lighter guns recoil more and are less controllable. The Revolution is one instance where common sense is wrong, as it is surprisingly controllable and soft recoiling for such a light gun.

Another shooter at the range hap-

pened to be shooting a .308 AR-10. He put some rounds downrange with the Revolution for comparison and was clearly impressed. He stated that the recoil was less than half that of his AR-10.

The Revolution's design, operating system, and oversized muzzle brake do an outstanding job of mitigating recoil and muzzle climb. The tradeoff with a muzzle brake, of course, is increased muzzle blast. The Revolution has considerable muzzle blast with the brake. If that's an issue, it's simple to remedy, as the Revolution accepts any muzzle device with a 5/8-24 thread.

Its compact size and light weight make the Revolution a fast-handling gun. Coupled with its controllability, it's a great fighting platform suitable for dynamic urban and longer-range applications.

This leads to an obvious question. Why would a person need an AR-15 shooting 5.56 when you can have an AR-15 that shoots the 7.62 battle rifle cartridge? Were I limited to just one rifle, the Revolution would be a strong contender to be that rifle. It's one rifle that does it all.

**A REVOLUTION IN THE MILITARY?**

The timing of the Revolution couldn't have been better. There has been renewed interest in the 7.62 NATO battle rifle as a result of current world conflicts.

The U.S. Army is reportedly considering adopting an Interim Battle Rifle in 7.62mm NATO. The Army wants to give the rifleman the capability to accurately engage targets at a farther range than is possible with the current 5.56mm. This would be the first major upgrade to the Soldier's individual weapon in over half a century.

Although the 7.62 NATO would provide the desired increased engagement range, the heavier weight of the round would result in a reduction of the individual basic ammunition load by approximately one half. The weight and recoil of the 7.62 NATO platform would also need to be taken into consideration.

Should the Army proceed, it has essentially two routes: employ an existing Government Off The Shelf (GOTS) platform or issue a Request For Proposal (RFP) to industry.

The latter makes more sense given the recent advances in small-arms technology, such as the advent of new short-frame receivers exemplified by the Revolution, which couples the smallest short-frame receiver on the

market with proven POF-USA reliability, durability, and controllability.

**FINAL THOUGHTS**

The POF-USA Revolution is a superb rifle for hunters and sport shooters who favor a Modern Sporting Rifle. The reduced size and weight of the rifle will definitely be appreciated on long treks.

It's also an outstanding Special Purpose Rifle (SPR) for law enforcement and an excellent patrol rifle (especially in the SBR versions) for agencies considering the 7.62/.308 platform. With the appropriate ammo, it has a number of advantages in many law enforcement applications. A select-fire version is possible if there's sufficient interest.

You'll definitely want to check out the POF-USA Revolution. You get the punch of a 7.62/.308 in a rifle that handles like a 5.56/.223.

The Revolution has an MSRP of \$2,669.99. All POF-USA firearms have a 100% satisfaction guarantee and come with a limited lifetime warranty. ☺

**SOURCES**

**PATRIOT ORDNANCE FACTORY (POF-USA)**

(623) 561-9572  
www.pof-usa.com

**ATOMIC AMMUNITION**

(623) 580-8888  
www.atomicammunition.com

**DEAD AIR ARMAMENT**

(844) 293-6778  
https://deadairsilencers.com

**FEDERAL PREMIUM AMMUNITION**

(800) 379-1732  
www.federalpremium.com

**KNS PRECISION, INC**

(830) 997-0000  
www.knsprecisioninc.com

**MAGPUL INDUSTRIES**

(877) 4Magpul  
www.magpul.com

**MISSION FIRST TACTICAL**

(267) 704-0001  
www.missionfirsttactical.com

**RIO SALADO SPORTSMAN'S CLUB**

(480) 984-9610  
www.rsscraz.com

**TAP RACK BANG CREATIVE**

(623) 565-8722  
www.taprackbangcreative.com

**VORTEX OPTICS**

(800) 426-0048  
www.vortexoptics.com

**WOLF AMMUNITION**

(888) 757-WOLF  
www.wolfammo.com