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Citizens Association for Responsible Gun Ownership = CARGO

[www.cargogunclub.org](http://www.cargogunclub.org)

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Hello Fellow CARGO Members,

**The next meeting will be held at Napoli's on Thursday, August 16<sup>th</sup>.**

We will meet at Napoli's in Wylie.

Napoli's

701 N Highway 78 # A

Wylie, TX 75098

For the dinner portion of the meeting, we will be in the meeting room between 5:45 and 7:00 for food and fellowship. The meeting will begin at 7:00 PM and run until about 9:00.

**Under the new Texas Open Carry Law, you could be committing an offense if you remove your pistol from its holster while open carrying. While at Napoli's DO NOT remove your pistol from its holster unless it is an emergency.**

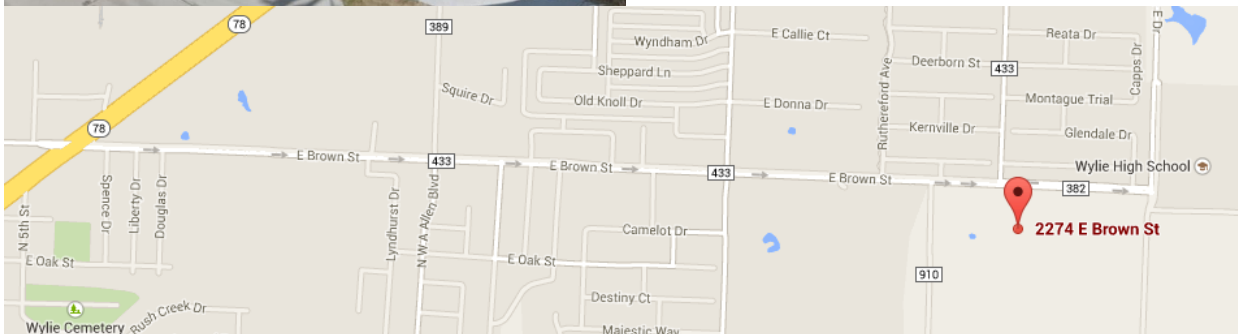
Member Don Bridges has volunteered his shop for the meeting. **There are a very limited number of chairs at the shop, so please bring a camp chair for the meeting.** We will meet there from 7:00 (ish) until 9:00 (ish)

The address is:

2274 EAST Brown Street in Wylie

While heading east on Brown Street, it is 1/2 mile past stop sign that's at the intersection of Brown Street and Kreymer Lane on the right hand side.

The shop is behind a small white house with a picket fence around the front yard.



## Meeting gun topics:

- For show and tell, we will continue with S 2095 and HR 5410 (please see the end of the newsletter for the full text of S 2095)
- We have finished the named firearms. We are now in the “catch all” portion of the language. This follows up on the receivers being prohibited parts. Please bring any of the following or firearms that would be impacted if these were banned:

The term large capacity ammunition feeding device—

(A) means a magazine, belt, drum, feed strip, or similar device, including any such device joined or coupled with another in any manner, that has an overall capacity of, or that can be readily restored, changed, or converted to accept, more than 10 rounds of ammunition; and

(B) does not include an attached tubular device designed to accept, and capable of operating only with, .22 caliber rimfire ammunition.

(b)

Related definitions

Section 921(a) of title 18, United States Code, as amended by this Act, is amended by adding at the end the following:

(38)

The term barrel shroud—

(A) means a shroud that is attached to, or partially or completely encircles, the barrel of a firearm so that the shroud protects the user of the firearm from heat generated by the barrel; and

(B) does not include—

(i) a slide that partially or completely encloses the barrel; or

(ii) an extension of the stock along the bottom of the barrel which does not encircle or substantially encircle the barrel.

(39) The term detachable magazine means an ammunition feeding device that can be removed from a firearm without disassembly of the firearm action.

(40) The term fixed magazine means an ammunition feeding device that is permanently fixed to the firearm in such a manner that it cannot be removed without disassembly of the firearm.

(41) The term folding, telescoping, or detachable stock means a stock that folds, telescopes, detaches or otherwise operates to reduce the length, size, or any other dimension, or otherwise enhances the concealability, of a firearm.

(42) The term forward grip means a grip located forward of the trigger that functions as a pistol grip.

(43) The term rocket means any simple or complex tubelike device containing combustibles that on being ignited liberate gases whose action propels the tube through the air and has a propellant charge of not more than 4 ounces.

(44) The term grenade launcher or rocket launcher means an attachment for use on a firearm that is designed to propel a grenade, rocket, or other similar destructive device.

(45) The term permanently inoperable means a firearm which is incapable of discharging a shot by means of an explosive and incapable of being readily restored to a firing condition.

(46) The term pistol grip means a grip, a thumbhole stock, or any other characteristic that can function as a grip.

(47) The term threaded barrel means a feature or characteristic that is designed in such a manner to allow for the attachment of a device such as a firearm silencer or a flash suppressor.

(48) The term qualified law enforcement officer has the meaning given the term in section 926B.

(49) The term grandfathered semiautomatic assault weapon means any semiautomatic assault weapon the importation, possession, sale, or transfer of which would be unlawful under section 922(v) but for the exception under paragraph (2) of such section.

(50) The term belt-fed semiautomatic firearm means any repeating firearm that—

(A) utilizes a portion of the energy of a firing cartridge to extract the fired cartridge case and chamber the next round;

- (B) requires a separate pull of the trigger to fire each cartridge; and
- (C) has the capacity to accept a belt ammunition feeding device.

## **Also for this month:**

There is a lot of talk about a “Truck Gun” or “Truck Rifle”. Do you have a truck gun or rifle, if so bring it to the meeting to share.

**Have anything non-firearms related to share? Got a great knife that you just picked up, an air-rifle or Pistol, a new tactical flash light or red-dot scope? The club always enjoys seeing this as well.**

If you have any suggestions for future speakers or topics please send your feedback to [CARGO@att.net](mailto:CARGO@att.net). When was the last time you visited our web site? Please take some time to go to the CARGO website at [www.cargogunclub.org](http://www.cargogunclub.org)

# Sniper Shoots ISIS Fighter Dead From Over One Mile Away

Jason Lemon

Jason Lemon



© Provided by IBT Media

A British soldier from the elite Special Air Service has shot and killed an ISIS commander from more than a mile away, in what is thought to be the best long-range shot in the regiment's 77-year history.

Using a huge .50 Calibre Browning machine gun, which is nearly 40 years old, the unnamed sergeant, who is a veteran of Iraq and Syria, managed to hit the fighter directly in the chest with a shot that blew off the commander's arm and shoulder.

"The Islamic State commander was briefing his men and clearly liked the sound of his own voice because he was standing still for a least 20 minutes while his fighters sat on the ground in front of him," a source familiar with the incident, which took place in June in Afghanistan, told *The Daily Star Sunday*.



© Provided by IBT Media

“It took several seconds for the round to hit the commander who appeared to fly into several pieces. For a few seconds no-one moved. When they realised what had happened they got up and ran away,” the source explained.

According to sources familiar with the operation, the sergeant had to take into account the wind speed and the heat of the day, as well as intense light. The view of the target was described as “quite watery” through the gun’s scope, due to the heat coming off the ground.

“The .50 Cal has got a phenomenal range and is very accurate even though it is almost 40 years old,” the source said. “It can be fired on single shot. The sniper fitted a special sight to the machine gun and got a spotter to estimate the wind speed.”

According to *Metro*, the patrol unit had other sniper rifles but believed the decades old gun would be the best option to hit the target. The gun used has now been flown home and decommissioned to commemorate the impressive shot, the publication reported.

While the incident has been described as the best long-range shot in the British unit’s history, a Canadian sniper set a significantly longer record last year.

In June 2017, the Canadian Armed Forces confirmed that one of its snipers had shattered the world record for the longest confirmed kill shot in military history at a distance of 3,540 metres (2.2 miles), *The Globe and Mail* reported.

“The Canadian Special Operations Command can confirm that a member of Joint Task Force 2 successfully hit a target at 3,540 metres,” the forces said in an official statement. The unit was operating in Iraq and the target was also an ISIS militant.

# 3D-printed gun controversy: Everything you need to know

Here's a breakdown of the debate that pits free speech and gun rights against public safety.

BY

• MARRIAN ZHOU

AUGUST 10, 2018 12:00 PM PDT



The parts for the Liberator are almost completely 3D printed. The only nonplastic components of the weapon are the firing pin -- a standard metal nail -- and a six-ounce piece of steel whose function is to make the gun spottable with a metal detector. (The US Undetectable Firearms Act prohibits weapons that don't set off a metal detector.)

The debate over 3D-printed guns has hit its melting point.

The battle about how to handle blueprints for plastic guns has raged for years, but it flared up in a big way in July after the US State Department settled a legal case and let an organization called Defense Distributed go ahead and release plans online.

That prompted eight state attorneys general to sue the State Department, on July 30. The same day, 20 state attorneys general sent a letter ([PDF](#)) to the State Department and Justice Department, saying the guns should be stopped.

On July 31, a Seattle judge granted a temporary restraining order to block the publication of blueprints until a hearing set for Aug. 10. But it's now rescheduled to Aug. 21, according to court records released on Friday.

Eleven more states on Aug. 2 joined the plaintiffs -- making it a 19-state lawsuit against the State Department and Defense Distributed.

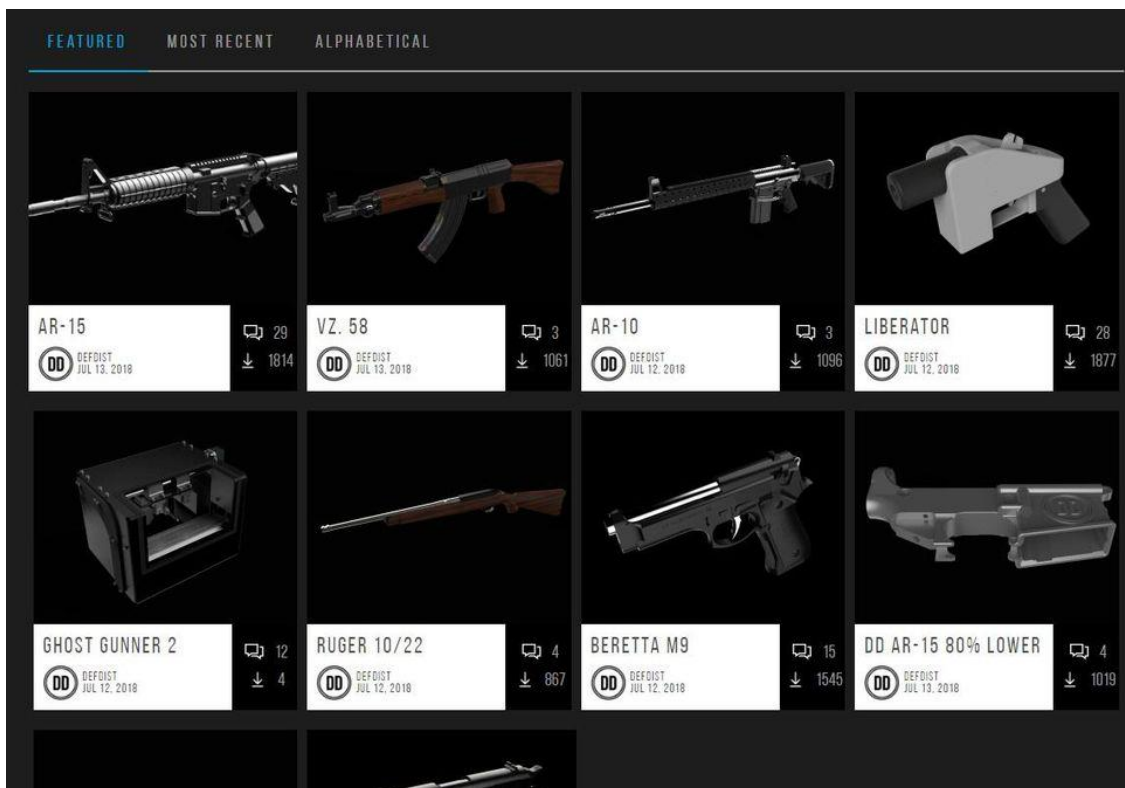
The back-and-forth underscores the broader fight pitting First and Second Amendment rights protecting free speech and gun ownership against public safety and the need to protect against easy access to weapons. It also comes amid a broader discussion of gun control in light of an increasing number of public shooting incidents.

This isn't a simple case, so CNET's here to break it down for you.

## **So what are 3D-printed guns?**

As the name implies, they're parts for guns made using a 3D printer and plans created on a computer or downloaded online.

They may be made of plastic, but the guns are capable of firing standard handgun rounds. But they're not complete. One plan for a plastic gun still requires a metal nail that serves as a firing pin and a six-ounce piece of steel that's included solely to enable metal detectors to spot the guns (which keeps the weapons from running afoul of the US Undetectable Firearms Act).



Defense Distributed's 3D-printable gun receivers.

Screenshot by Sean Hollister/CNET

The controversy over 3D-printed guns stretches as far back as 2012, when Cody Wilson announced plans to make such a weapon. It took him and members of his open source organization, Defense Distributed, just eight months.

By May 2013, Wilson debuted the world's first 3D-printed handgun, the Liberator.

## What exactly can you print?

The Liberator is the closest thing to a completely plastic gun, but it still needs a steel nail to serve as the firing pin. The rest of Defense Distributed's blueprints relate to the frame of a gun, also known as a receiver. Those receivers serve to house the complete gun, which enthusiasts still need to assemble themselves, according to Popular Mechanics.

It's important to note that these receivers don't have critical parts like bolts, barrels, stocks or other parts. So it's not like you can 3D print a gun and start firing it right away.

3D printers can also produce metal gun parts as well, though it's much more expensive and dangerous to use this type of industrial 3D printer, because of the high melting points of metals. They're also not easily accessible.

## **Why are people worried?**

Wilson published his designs online. That means anyone can download the blueprints and print out the gun parts as long as they have access to a computer and a 3D printer.

These guns are also theoretically untraceable.

The Undetectable Firearms Act makes it a federal offense to "manufacture, import, sell, ship, deliver, possess, transfer or receive" a firearm capable of defeating airport metal detection.

While the completed Liberator is a detectable firearm, as long as you stash the firing pin and the small piece of steel elsewhere, you can carry the gun and walk right through airport security checkpoints.

Also, because these guns are homemade, they don't carry an industrial serial number (so they're what's called "ghost guns"). Besides that, people don't have to go through a background check to get one, like they'd have to do to buy a commercial firearm.

On top of that, criminals can more easily get rid of the weapons, denying law enforcement the opportunity to gather material evidence. Plastic is easier to destroy than metal. The melting point for 3D-printing plastic is roughly 464 Fahrenheit (240 Celsius), while that of steel is 2,500 Fahrenheit (1,371 Celsius).

"3D-printed guns represent one dimension of a larger problem of do-it-yourself homemade firearms which is an increasing threat to public safety," said Kristen Rand, legislative director of the gun control advocacy organization Violence Policy Center, in an email statement. "It is important that policymakers act now to address this burgeoning threat before it is too late."

There're already easier ways to get a firearm or a homemade one, such as stealing a gun from a legal firearm owner, purchasing one from the black market and make one yourself with a 80-percent-finished receiver -- it's not considered a firearm if the receiver isn't finished. Thus, 3D-printed guns can't become a norm yet.

However, if 3D printers become cheaper, better and more accessible in the future, we can't dismiss the possibility that 3D-printed guns will change the landscape of illicit arms trade.

## **Who is Cody Wilson?**

Wilson learned about 3D printers during his second year at the University of Texas Law School in 2012, according to The Washington Post. He was reportedly inspired by Julian Assange and WikiLeaks to create an open-source platform.

"We wanted to be the Wiki for guns," Wilson told the Post.

Then he reportedly launched Defcad.com, an unregulated file-sharing website that eventually became the first community around 3D printed guns.

Wilson is no stranger to the media. He's also known for starting a crowdfunding site called Hatreon, in 2017. After neo-Nazi groups got kicked off crowdfunding sites like Patreon and GoFundMe, as well as payment services like PayPal and Apple Pay, they turned to Hatreon to finance their cause.

Regarding his blueprints for 3D-printed guns, Wilson told The New York Times that he wanted to promote decentralized solutions in an ever-centralizing world.

"I think the state should be as weak as possible relative to the individual," Wilson told the publication. "The proper posture of the state is one that at least is in fear of its citizen, not one that lords over it."

CNET asked Wilson earlier in July if he worries about people with bad intentions getting their hands on his gun designs. He said, "no concerns regarding public access." At the time, he also told Ars Technica that he'd been cashing in from selling the Ghost Gunner, a home tool that lets people make a key gun part out of metal and use that part to build an untraceable firearm.

Wilson also reportedly drew an analogy to World World II, when the Allies tried to deliver weapons behind enemy lines.

"Instead of dropping the gun on Europe," he told the Times. "We dropped it on the internet."

His critics, however, have called his method "open-source terrorism," the Times reported.

Wilson didn't immediately respond to a request for comment.



Cody Wilson, of Defense Distributed in Austin, Texas, fires a handgun manufactured mostly of 3D-printed parts, in a screenshot from a YouTube demonstration video.

Defense Distributed has already made plans for this open-source weapon -- dubbed a Wiki Weapon -- available online for free, and continues to refine and test the design to improve reliability.

Screenshot/Defense Distributed

Wilson reappeared in the news last month after he won a settlement with the State Department on the distribution of his blueprints online and said he'd resume publication on Wednesday, Aug. 1. He said he'd make the plans available for anyone to download for free.

## **How does the State Department figure into this?**

The State Department, currently overseen by Secretary of State Mike Pompeo, regulates the exports of defense products in accordance with the ITAR -- International Traffic in Arms Regulations -- which was why the department had the run-in with Defense Distributed in the first place, according to a State Department spokesperson.

Several months after the Liberator debuted in 2013, the State Department said Defense Distributed violated ITAR by publishing its designs for the gun online, since the internet doesn't have borders, and issued a restraining order. The company then removed the files, according to Ars Technica.

## **Defense Distributed didn't give up, right?**

Yep. Two years later, the company teamed up with the Second Amendment Foundation and sued the State Department, arguing the government can't prevent publication before it occurs and making it an issue related to the First Amendment's freedom of speech protection.

In July, the State Department agreed to waive its prior restraint order against Wilson and Defense Distributed, allowing his organization to freely publish designs and other technical files about 3D printed guns, according to SAF's release.



manufacturing of commercially available firearms to the Commerce Department. As a result, the issue raised in the lawsuit won't fall under the jurisdiction of the State Department in the near future, according to a State Department official.

"We took the device -- the advice of the Department of Justice, and here we are right now," said Nauert.

The Justice Department declined to comment.

## **How do the states play into this?**

Eight US state attorneys general, Massachusetts, Connecticut, New Jersey, Pennsylvania, Oregon, Maryland, New York and the District of Columbia, on Monday filed a lawsuit to block the distribution of 3D-printed gun designs online due to a State Department settlement with the gun Wilson and his company Defense Distributed.

"The federal government is trying to allow access to online plans that will allow anyone to anonymously build their own downloadable, untraceable, and undetectable gun," said Massachusetts Attorney General Maura Healey, in a release. "This is an imminent threat to public safety and violates the law. We have a responsibility to ensure that these files are not made easily available to the public."

Their complaint asked the court to declare that the public release of Wilson's 3D-printed gun blueprints is an unlawful, unconstitutional violation of the Tenth Amendment and prohibit anyone from releasing the designs once the injunction is established.

The attorneys said the Trump administration has infringed on their states' exercise of police power and enforcement of public safety laws by letting people prohibited from owning a firearm, including children, felons and the mentally ill, have access to these plans.

Simultaneously, 20 state attorneys general sent a letter to the State Department and the Department of Justice asking for the same thing.

On Tuesday, Seattle Federal Judge Robert S. Lasnik granted a temporary restraining order against the 3D-printed gun blueprints. Though Wilson's blueprints went live online as of July 27, earlier than the scheduled Aug. 1.

More states on Thursday joined the lawsuit against the State Department and Defense Distributed. Now the plaintiffs have expanded to 19 US states.

The hearing to determine whether this order should become a preliminary injunction -- a court order that prohibits the parties to do something until a final ruling is made -- is set on Friday, Aug. 10.

## **What was Wilson's response?**

Wilson has started a campaign and fundraiser on his website to unblock his Defcad.com. Defense Distributed's LEGIO, the company's "political and technical fraternity," is collecting membership fees from \$5 to \$1,000.

Wilson didn't immediately respond to a request for comment, but he further stated his stance during his latest interview on Fox News Sunday.

"I literally believe in the Second Amendment to the point of that it's alright and it should be expected there will be social costs for protecting a right like this," Wilson said. "Of course we should expect, and have a mature attitude that bad things can happen."

He also criticized politicians for just realizing the loophole in the regulations of 3D printed guns -- the blueprints can be downloaded by anyone and are "protected by the First Amendment," as Wilson claimed.

"I'm sorry that a bunch of politicians woke up to the reality of this just last week," he said. "But this is the way that it's always been."

The Justice Department is representing the State Department in this lawsuit, and the Justice Department declined to comment.

A State Department official told CNET in an email that the department has no role in domestic gun control policies and the broader question of this technology's potential. He said the agency has already completed the actions required under the settlement agreement.

"I think it would be wise for news organizations and people having conversations about this to be aware that at least since the year 2013, these have been available, these Computer Assisted Designs for making these 3D guns -- have been available online for several years," said Nauert.

## **This isn't a new debate, right?**

Nope. Wilson's plastic gun designs has been online for years. Download counts at Defcad.com suggest the gun plans had already been downloaded over 20,000 times.

And it wasn't the first controversy on 3D printed firearms.

In 2012, MakerBot's Thingiverse website hosted design files for producing a key component of an AR15 semi automatic rifle with a 3D printer. Anyone could download Michael "HaveBlue" Guslick's design for the lower receiver and produce it.

MakerBot later removed the designs for a printable AR15 and other weapon components from its 3D-printing file library.

## **Where's Congress in the midst of all this?**

The Congress renewed the Undetectable Firearms Act in 2013, which required all firearms to contain at least 3.7 ounce of steel so they could be detected.

But it didn't say which part has to be metal.

In the heat of the 3D-printed gun controversy, US Democratic Senator Bill Nelson of Florida on Tuesday filed legislations -- the Untraceable Firearms Act and the 3D Printed Gun Safety Act -- to make it illegal for anyone to intentionally publish a digital file online that programs a 3D printer to automatically manufacture a firearm, according to a release emailed by Nelson's representative. The bills were also backed by Senators Richard Blumenthal, Ed Markey, Chuck Schumer, Jack Reed, Dianne Feinstein, Bob Menendez and others.



Senator Bill Nelson asks for Unanimous Consent on bill to ban 3D printed guns.

Screenshot by Marrian Zhou/CNET

"Just think about all the work we're doing to hardening our schools in the wake of the Parkland shooting," Nelson said in the release. "None of that will do any good if you can simply print one of these undetectable plastic guns at home."

The legislations also require every firearm to have a serial number and to have at least one main component, such as the frame or the barrel, made of metal -- an effort to prevent people from detaching a small metal part from a plastic gun to go through security and then reattach it afterwards.

Nelson asked the Senate for "unanimous consent" -- the bill can be approved right away unless any one senator objects. After he made the request, Republican Senator Mike Lee of Utah objected based on free speech concerns.

"Any legislation that comes forth from this body that begins with the following words will attract my attention and should attract the attention of anyone who's concerned about our first amendment and other constitutional rights," said Sen.

Lee on the Senate floor. "It begins with the words it shall be unlawful for my person to intentionally publish. That ought to be concerning to us, to each and every one of us, Democrats and Republicans alike."

As a result, Nelson's legislations will have to undergo the normal process of passing a bill, which can take from two weeks to several months, or sometimes, years.

## **What is President Trump's reaction?**

President Trump weighed in on Tuesday in a tweet, "I am looking into 3D Plastic Guns being sold to the public. Already spoke to NRA, doesn't seem to make much sense!"

Trump is incorrect in his point about 3D plastic guns being sold to the public. The designs of these guns were given out for free. The tweet didn't specify which part didn't make sense.

NRA and the White House haven't responded to requests for comment.

## **What's next?**

The lawsuit pitting the states against the DOJ, State Department and Defense Distributed will play out in a hearing later this month.

On Aug. 9, the defendants filed a response arguing that the Department of Justice "has long advised the State Department that its export control regime violates the First Amendment," meaning that DoJ thinks the State Department shouldn't butt in when someone shares weapon designs online or in print.

The settlement between Defense Distributed and the State Department, as well as the agency handing regulation authority over to the Commerce Department are also part of a long-term plan that started during the Obama administration, according to the response.

To further support their argument, the defendants included memos that the DOJ sent since 1978. One of them was a 1997 report submitted to Congress, which said people who publish bombmaking information may cause danger to the public, but they shouldn't be found at fault because they're protected by the First Amendment and information is considered speech.

On the same day, 22 state attorneys general sent a letter to Secretary of State Mike Pompeo and Attorney General Jeff Sessions asking them to change course immediately and block the publication of 3D printed gun blueprints. The states haven't heard back from either.

On Friday, the Seattle federal court postponed the trial from today to Aug. 21 because one of the defendants couldn't make it. The court also denied the state attorneys' request to have the defendants produce administrative records for them.

With no near-term action from the White House or Congress, the issue will next see some direction when the *State of Washington et al. v. United States Department of State et al.* hearing begins on Tuesday, Aug. 21.

First published on August 3, 5:00 a.m. PT.

**Updates, 6:24 a.m. PT:** Adds 11 more states have joined the eight plaintiff states in the lawsuit against the State Department et al.

**Updates, August 6, 9:12 a.m. PT:** Adds Cody Wilson statement from his latest interview on Fox News Sunday.

**Updates, August 10, 10:53 a.m. PT:** Adds rescheduled hearing date and more information about the lawsuit.

**Updates, August 10, noon a.m. PT:** To include additional details on the trial postponement.

<https://defdist.org/>

AUGUST 1  
2018

Defense Distributed, after legally committing its files to the public domain through a license from the U.S. Department of State, has been ordered to shut down its DEFCAD file repository by a federal judge in the Western District of Washington.



<https://www.cnn.com/2018/07/30/us/pennsylvania-3d-guns-trnd/index.html>

## More than 1,000 people have already downloaded plans to 3-D print an AR-15

By Doug Criss and Kimberly Berryman, CNN

(CNN)Under a court settlement, people aren't supposed to be able to legally download plans for 3-D printed guns until Wednesday.

But because designs for the guns have already been posted online, by Sunday more than 1,000 people had already downloaded plans to print an AR-15-style semiautomatic assault rifle, [according to the office of Pennsylvania Attorney General Josh Shapiro](#).

Shapiro has been fighting to keep 3-D printed guns out of Pennsylvania. At an emergency hearing held over the phone Sunday, the attorney general's office asked a judge for a restraining order that would block a website run by gun-rights group Defense Distributed from being accessible in Pennsylvania. The group's site allows people to download plans to make 3-D guns.

At the hearing, Defense Distributed agreed to block Pennsylvania IP addresses for a few days until a more formal hearing could be held.

Josh Blackman, a lawyer for Defense Distributed, told CNN on Monday that more than 1,000 AR-15 gun plans have been downloaded but wouldn't confirm Shapiro's claim that they were only downloaded since Friday. "This is a free speech case. This isn't a gun case," said Blackman, who challenged Pennsylvania's efforts to block the downloads. "One state cannot censor the speech of a citizen in another state."

Pennsylvania isn't the only state trying to bar access to 3-D printed guns. Washington Attorney General Bob Ferguson [announced Monday he is leading a lawsuit](#) in eight states and the District of Columbia to block a court action that would let people download plans for untraceable 3-D printed weapons. This lawsuit is being filed in federal court in Seattle.

### The controversy

These latest battles flared after Defense Distributed, a Texas-based group, [reached a settlement](#) in June with the government that will allow it to post 3-D printable gun plans online. According to the settlement, the plan wasn't supposed to be online until Wednesday, but Shapiro said that Defense Distributed put them out over the weekend.

The settlement ends a multiyear legal battle that started when Defense Distributed founder Cody Wilson posted designs for a 3-D printed handgun he called "The Liberator" in 2013. The single-shot pistol was made almost entirely out of ABS plastic -- the same material Lego bricks are made from -- and could be made on a 3-D printer.



### [Americans can legally download 3-D printed guns starting next month](#)

The State Department told Wilson to take down the plans, saying it violated the International Traffic in Arms Regulations, which regulate the export of defense materials, services and technical data. In essence, officials said someone in another country -- a country the United States doesn't sell weapons to -- could download the material and make their own gun.

Wilson complied, but said the files already had been downloaded a million times. He sued the federal government in 2015.

The settlement says Wilson and Defense Distributed can publish plans, files and 3-D drawings in any form and exempts them from the export restrictions. The government also agreed to pay almost \$40,000 of Wilson's legal fees and to refund some registration fees.

Twenty-one state attorneys general sent a letter Monday to Secretary of State Mike Pompeo and Attorney General Jeff Sessions, urging the government to withdraw from the settlement.

"As the chief law enforcement officers of our states, we believe the settlement terms and proposed rules are deeply dangerous and could have an unprecedented impact on public safety," the letter said. "In addition to helping arm terrorists and transnational criminals, the settlement and proposed rules would provide another path to gun ownership for people who are prohibited by federal and state law from possessing firearms."

### **The guns**

Do-it-yourself firearms like The Liberator have been nicknamed "Ghost Guns" because they don't have serial numbers and are untraceable.

On the website run by Defense Distributed, people can download plans for building the Liberator, as well as files for an AR-15 lower receiver, a complete Baretta M9 handgun and other firearms. Users also will be able to share their own designs for guns, magazines and other accessories.

The site on Monday showed more than 12,000 downloads of seven models of guns.

The high-end 3-D printers needed to make such weapons cost thousands of dollars and may be too expensive for most people. But that doesn't ease the concerns of those who think 3-D printed guns are a really bad idea.



Three-D printed guns will make it easier for terrorists and people who are too dangerous to pass criminal background checks to get their hands on guns, said Avery Gardiner, the co-president of the Brady Campaign to Prevent Gun Violence.

Pennsylvania Gov. Tom Wolf said he was stepping in where the federal government had failed to protect his state's citizens.

"The threat of untraceable guns in the hands of unknown owners is too daunting to stand by and not take action," Wolf said. "Attorney General Shapiro and I will fight to protect Pennsylvania families and children. The federal government has abdicated its responsibility to keep our citizens safe, but we will not be deterred from working to ensure Pennsylvania safety laws are followed and our residents are protected from these dangerous weapons getting in the wrong hands."

CNN's David Williams and Brandon Griggs contributed to this report.

## True Velocity's New Polymer-cased Ammunition

Tom Beckstrand

June 21st, 2018



True Velocity's New Polymer-cased Ammunition

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No one was more skeptical of polymer-cased ammunition than I. My first experience with this type of ammunition occurred more than 10 years ago with another attempt at replacing brass. To say that I was “unimpressed” is an understatement. I remember that I could squish those black plastic cases in my hand without much effort, and I could press the projectile into the case or pull it out of the neck with my fingertips. I couldn't believe anyone would spend money on ammunition like that.

Several weeks ago, my opinion of polymer-cased ammunition did a complete 180-degree turn after visiting the ammunition facility of True Velocity, Inc. It's located in the great state of Texas.



What is coming out of True Velocity has a good chance of eventually *dominating* the ammunition market and making brass unnecessary or altogether obsolete. Only time will tell, but these new cartridges with cases made of polymer are lighter and more consistent than any other factory ammunition I've tested. The significance of this product introduction takes some time and effort to fully appreciate.

### **Ammo goes on a diet.**

The first and most obvious difference between brass-cased and polymer-cased ammunition is a weight reduction of up to 40 percent that comes as a benefit with polymer. For the average consumer, this savings might not have as much of an effect, but saving weight has a far-reaching impact on our military.

Kevin Boscamp, the chief executive officer of True Velocity, once told a Pentagon purchasing officer, "I'll give you all the ammo you want, just give me 40 percent of your transportation savings." Think about that for a minute. Taxpayers everywhere should rise for a standing ovation! Unfortunately, the Pentagon has a hard time thinking in those terms.



Putting ammunition on an aircraft is a tremendously expensive endeavor. Whether it's sending ammo by the pallet for use overseas or the compliment every aircraft needs to keep its own guns onboard fed, ammo is heavy. Weight cuts down significantly on the amount of time any aircraft can stay in the air because it gobbles up fuel. Fuel and maintenance costs add up quickly when you have the number of aircraft that resides in Uncle Sugar's stable.

While most of us are not overly concerned with the weight of ammunition as it relates to aviation, the ground-pounder should pay attention. A typical loadout for any soldier on the ground is seven, 30-round magazines, for a total of 210 rounds carried. That's a dangerously small load for urban operations, but I'll stick with military doctrine for this example.

Switching nothing but the ammunition to True Velocity's 5.56 NATO product allows the same soldier to carry 300 rounds at the same weight. Of course, sticking with the 210-round loadout would be considerably lighter, allowing the same soldier to carry more water or mission-essential equipment.



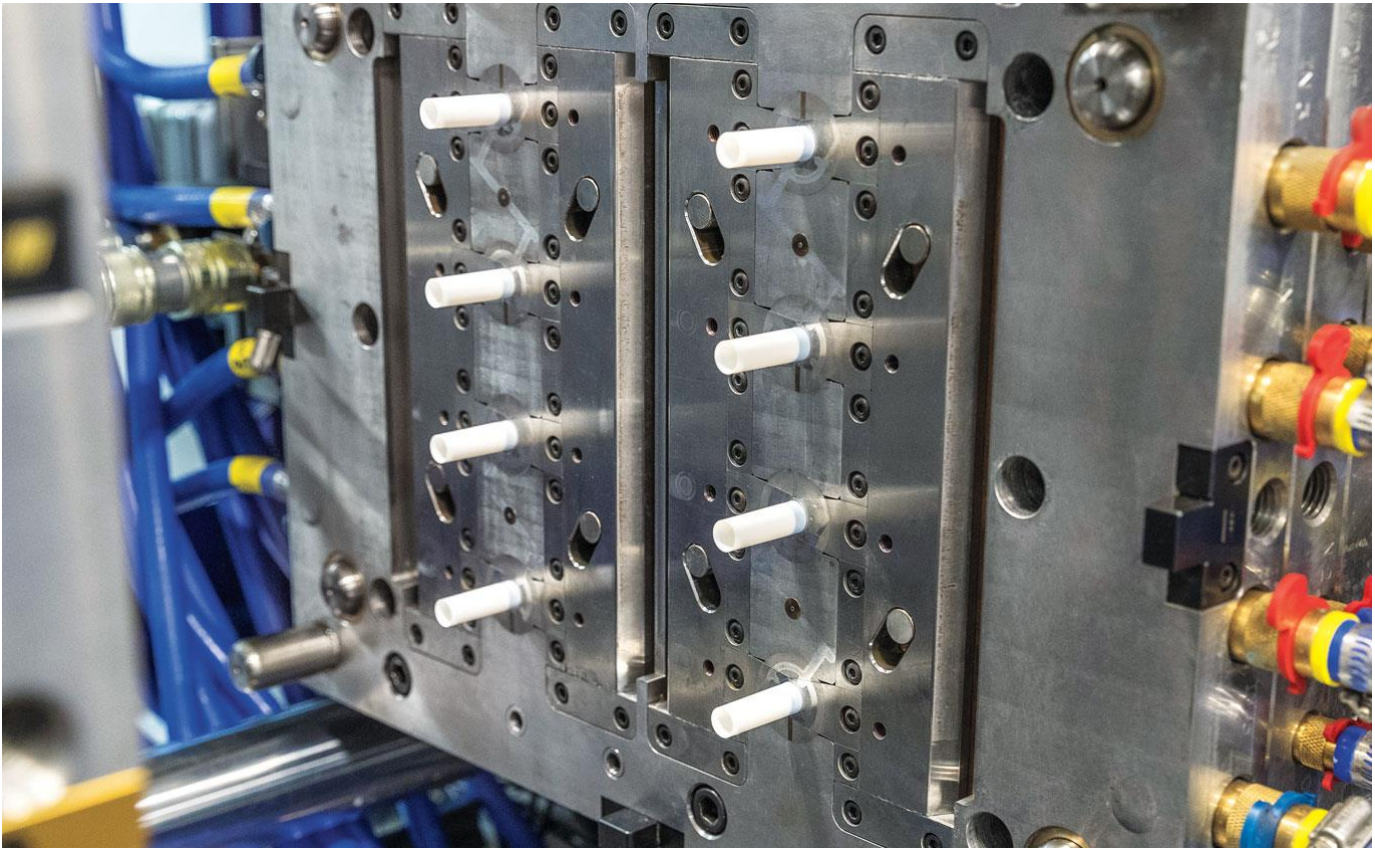
Chris Tedford, True Velocity's chief operations officer, steps the author through production in the new state-of-the-art facility.

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Any infantry or special operations veteran who reads this will immediately grasp the magnitude and can appreciate the savings. For those who aren't as familiar, let me share the old saying: "Ounces equal pounds and pounds equal pain." Carrying weight for miles makes the guy humping it conscious of every ounce.

Another important advantage of True Velocity's ammunition is the way it handles heat. Heat is the nemesis of every firearm. High temperatures rapidly accelerate wear by softening the material doing the work. When you combine high pressure from firing with heat, parts start breaking quickly.

The best example of why heat in the chamber is bad comes from the AR-15 and M4. When those rifles fire and begin extraction, residual pressure remains in the chamber. That pressure creates a binding force on the bolt's lugs. It gets worse the higher the chamber pressure and shorter the gas system.



Rifles currently issued to U.S Special Operations are based on the M4. Many have 10.3-inch barrels with carbine-length gas systems. That length of gas system is shorter than what Jim Sullivan and Eugene Stoner designed. It's hell on the bolt in these carbines. Adding insult to injury is Picatinny Arsenal's horrific idea known as the M855A1 featuring 63,000 PSI chamber pressure.

As bad of a combination as is the above, the U.S. Army and any AR shooter can mitigate the parts failure that comes with such high pressures by reducing heat in the chamber. Enter True Velocity's approach to the polymer case. Parts that don't get hot last much longer than parts that do.

A polymer case is an insulator rather than a conductor. When the cartridge fires, the case contains the heat and pressure and directs it all down the barrel. Instead of super-heating brass that then heats the chamber around it, the only heat the entire barrel sees is what's found in the bore. Heat will certainly move from the barrel around the bore back into the chamber area, but keeping the heat out initially will reduce how quickly the AR bolt heats up, thereby prolonging its life. The way this ammunition manages heat should appeal to military and high--volume shooters alike.



### **There is no magic in ammo.**

Good ammunition starts with a consistent case. For ammunition to be accurate, it must have concentricity, consistent internal volume and identical flash holes through which the primers fire. Like any product, both design and manufacturing contribute to the overall quality.

The way a cartridge case is normally made is by drawing or extruding a small and thick brass cup into a tube by applying pressure over a die. The cup gets smacked by tooling that causes a controlled morphing into the tube shape. After two or three good whacks over a progressive series of dies, it's long enough to be trimmed into a cartridge case. I have seen some incredibly sophisticated brass manufacturing that has used this process with great success. The downside of drawing brass is that it's very hard to control dimensions. Specifically, case wall thickness can vary as the brass gets pushed into the shape of a tube. Variations in case wall thickness result in variations of internal capacity. Capacity variation causes velocity variation and that makes bullets string vertically on the target.



True Velocity starts their manufacturing process with a steel case head that gets a polymer overmold. The mold forms everything but the case's shoulder and neck. Case thickness variation is held to .0003 inch, which is incredibly precise. A second mold process forms the shoulder and neck. Later, the two components join to create one complete case. Molding the shoulder and neck as separate pieces allows for consistent case thickness that's unattainable any other way that I'm currently aware of. True Velocity's finished cases then move on to be loaded as ammunition.

I've seen a lot of manufacturing, and the word "sophisticated" doesn't begin to describe what I saw at True Velocity's facility. Everything from the case manufacture to loading of the ammunition was automated. The footprint of all manufacturing and loading equipment measured 2,500 square feet. That same equipment can load a projected 30 million rounds in a year. It's amazing to me that so much ammo can come be created in such a tiny little space.

During my tour, there are more quality checks than I could keep up with. One of the standouts was the primer inspection process. Every single case passes under cameras that check to make sure the primer is perfectly centered inside the case. Each primer has to be seated to the right depth, sit directly above the flash hole and show no signs of degradation (i.e., no stains, tarnishes, etc.). The process happens so fast you could never do it with an unaided eye, but cameras and computers watch and record. Primed cases that don't make the cut drop out and into a bin automatically.



The radical design and draconian adherence to manufacturing excellence yields a white, polymer-cased round that functions similarly to its brass-cased counterpart. However, True Velocity's efforts have created ammunition with performance characteristics unlike any ammunition that has come before. The light weight and heat mitigation yield obvious advantages to both military logisticians and troops, as well as all civilian shooters. Stuffing some of True Velocity's ammo into everything from a belt-fed machine gun to a precision rifle provided me with some enlightening and practical hands-on experience.

### **Rounds Downrange**

I spent the good part of a morning doing accuracy testing with an Accuracy International AXMC rifle chambered in .308 Winchester. I tried everything I could think of to make this ammunition fail — and it didn't. The best five-shot group at 100 yards measured .33 inch.

Most telling for me was the chronograph data that I recorded on a LabRadar. The five-shot string I measured had an extreme spread (ES) of 8 feet per second (fps) and a standard deviation (SD) of 3.7. Those are exceptionally low numbers and evidence that all the effort in creating such a consistent case was worth it.

## PERFORMANCE

.308 Winchester	VELOCITY (FPS)	ES	SD	BEST GROUP (IN.)	AVERAGE GROUP (IN.)
True Velocity Sierra MatchKing 168-gr. BTHP	2,627	8	3.7	.33	.46

Notes: Accuracy is the average of five, five-shot groups at 100 yards. Velocity is the average of five shots captured by a LabRadar chronograph placed adjacent to the muzzle. Test rifle was an Accuracy International AXMC.

With the ammunition doing well in both the accuracy and chronograph departments, I shifted my focus to see if I could get a gun to choke. My first choice was FN's Mk 48 belt-fed machine gun chambered in 7.62 NATO.

The Mk 48 has a cyclic rate of 700 rounds per minute. It was the most cartridge-abusive platform available to me at our test range. Since the bolt speed is so fast, cartridges get jerked around and shoved aggressively into the chamber. The Mk 48 gobbled up an entire 50-round belt without issue or pause.

True Velocity is also working closely with Dillon Aero. They used Dillon's M134 Minigun to fire thousands of rounds for several months. The M134 is also chambered in 7.62 NATO and fires 3,000 rounds per minute. The standard loadout on a vehicle equipped with an M134 is 9,000 rounds, so the True Velocity ammunition yields a 240-pound weight savings per basic load. The M134 reliably cycled the ammunition, a claim that no other polymer-cased ammunition can make.



It wouldn't be prudent to catch ejected brass from a .50-caliber Barrett M107 this way, but with True Velocity's polymer cases the heat goes down the barrel and does not stay with the case.

A worrisome trait about the M134 is the way it can cook-off live rounds with brass-cased ammunition. A cook-off occurs when a cartridge sits in a hot chamber and spontaneously fires because the powder inside the case becomes hot enough to ignite. Dillon has a 1,500-round test they run on the Minigun and brass-cased ammunition will cook-off after sitting in the chamber anywhere from 3 to 60 seconds. Dillon recorded a 20-percent lower bore temperature using True Velocity ammunition (thanks to the case insulating the chamber), so they ran a 2,200-round test on the ammunition. Dillon had to wait 5 minutes before one case got hot enough to

melt — but the bullet never left the barrel. The absence of cook-offs in a Minigun should bring a welcome sigh of relief from special operations soldiers and aviators alike.

United States' Special Operations Command (SOCOM) has been aggressively monitoring the individual health hazards associated with shooting thousands of rounds per year. SOCOM first became aware of the problem when soldiers working and training in shoot houses tested positive for dangerously high lead levels. SOCOM's testing showed that 30 percent of the toxins any shooter is exposed to came from the gases emanating from freshly fired brass. Arsenic, cyanide and a bunch of nasty stuff is used to make copper and brass products. Super-heating brass in a chamber causes those elements to burn out of the brass for up to an hour *after* the cartridge fires. Those gasses accumulate in shoot houses and indoor ranges where patrons gain exposure. True Velocity indicated that none of this is a problem with their ammunition.

To sum up this exclusive process, True Velocity's ammunition is light, accurate, consistent and robust. It can survive use in everything from belt-fed machine guns to Miniguns. While the ammunition will likely be fielded by the military before it hits the commercial market, I predict that soldiers and civilians alike will enjoy the benefits of reliable polymer-cased ammunition in the very near future.

[https://gundigest.com/handguns/concealed-carry/6-hot-micro-9mm-handguns-for-everyday-carry?utm\\_medium=email&utm\\_campaign=CC\\_6%20Hot%20Micro%209mm%20Handguns%20For%20Everyday%20Carry&utm\\_content=CC\\_6%20Hot%20Micro%209mm%20Handguns%20For%20Everyday%20Carry+CID\\_903c6d5a9f60f9f13d7c5f0c9b3f8e81&utm\\_source=Campaign%20Monitor&utm\\_term=See%20More](https://gundigest.com/handguns/concealed-carry/6-hot-micro-9mm-handguns-for-everyday-carry?utm_medium=email&utm_campaign=CC_6%20Hot%20Micro%209mm%20Handguns%20For%20Everyday%20Carry&utm_content=CC_6%20Hot%20Micro%209mm%20Handguns%20For%20Everyday%20Carry+CID_903c6d5a9f60f9f13d7c5f0c9b3f8e81&utm_source=Campaign%20Monitor&utm_term=See%20More)

## 6 Hot Micro 9mm Handguns For Everyday Carry

By Richard A. Mann -  
June 25, 2018

These micro 9mm handguns are more than ready for everyday carry and backup-gun duty.

The top micro 9mm handguns available today:

- [SIG Sauer P365](#)
- [Smith & Wesson M&P9 Shield 2.0](#)
- [Ruger LCRx](#)
- [Ruger EC9s](#)
- [Ruger SP 101](#)
- [Glock 43](#)

Nothing beats a micro 9mm pistols and revolvers when it comes to capacity, concealment and power. Richard Mann gives us his top 6 picks when it comes to these small and stout self-defense guns.

### SIG Sauer P365



Groundbreaking, SIG squeezed full-sized capacity into a micro 9mm pistol's concealable package with the [P365](#). The 10+1 capacity with its flush-fit magazine and the option to up it to 13 round with an extended mag. It has XRAY3 Day/Nights sights, comes in at 1-inch in width and weighs 17.8 ounces. Hard to beat with a price tag of \$599.

## Smith & Wesson M&P9 Shield 2.0



Smith & Wesson has refreshed the [Shield](#) with a refined trigger and a more aggressively textured grip. The slide's edges have a softer bevel and fish-scale-like serrations. It has a maximum capacity of 8+1, weighs 18.3 ounces and it's offered with or without a thumb safety. A version with a Crimson Trace laser is also available for only \$499.

## Ruger LCRx



This [revolver's](#) monolithic frame is made from aerospace grade, 7000-series aluminum. It also has a stainless-steel cylinder and, at 17.4 ounces, it's not all that heavy for a six-shot 9mm revolver. It comes with three full-moon clips to make reloads easy and has a suggested retail of \$669.

## Ruger EC9s



This very affordable polymer-framed semi-automatic has a capacity of 7+1 and weighs 17.2 ounces. It's 6 inches long, less than 1 inch wide and the sights are integral to the slide. It comes with a finger extension you can add to the magazine, but its most attractive feature is that it's less than \$300.

## Ruger SP 101



For those who like the feel of steel, Ruger's [SP 101](#) is right up your alley. This five-shot, all stainless-steel, double-action revolver has enough weight to tame the recoil of the hottest 9mm +P loads. It ships with three full-moon clips, and though a bit heavy, that weight and the cushioned rubber grips make it extremely comfortable to shoot at \$719.

## Glock 43



Among the most anticipated Glocks ever produced, the [G43](#) lived up to expectations. At 6.26 inches in overall length and 17.95 ounces unloaded, the 6+1 pistol runs on the larger side of micro pistols, yet is concealable as ever. Aggressive grip texturing makes it easy to shoot, large magazine catch helps lightning-fast magazine reloads and is more than affordable at \$449.

***Editor's Note:** This article originally appeared in the 2018 Shooter's Guide issue of [Gun Digest the Magazine](#).*

[https://www.gunsamerica.com/blog/origins-of-the-hk93-ak74-m16a1-and-ar18/?utm\\_source=email&utm\\_medium=20180618\\_BlogDigest\\_282&utm\\_campaign=/blog/origins-of-the-hk93-ak74-m16a1-and-ar18/](https://www.gunsamerica.com/blog/origins-of-the-hk93-ak74-m16a1-and-ar18/?utm_source=email&utm_medium=20180618_BlogDigest_282&utm_campaign=/blog/origins-of-the-hk93-ak74-m16a1-and-ar18/)

## Historical Origins of the HK93, AK74, M16A1 and AR18

by WILL DABBS on JUNE 16, 2018

Everything starts someplace. All dogs no matter their size, shape, or comportment owe their parentage to a common feral precursor. Thomas Malory birthed the English novel in 1485 with *Le Morte d'Arthur*. Every personal computer on the planet stems from that first Altair 8800 sold through the mail in kit form in 1975. Some Hip-Hop lunatic first ignited the current ridiculous dance craze that is dabbing in Atlanta some time within the past decade (Look at my name. Yes, I get asked about it all the time.) Similarly, most all the world's modern combat rifles arose from but four precursors. There are certainly others, but these have had staying power.

Mechanical systems like small arms evolve in response to myriad forces both industrial and martial. Somebody has an idea that seems to work, and that idea is tweaked, adjusted, and improved over time until it becomes something better, more reliable, and more efficient. The astute student of modern small arms, however, can generally tease out the origins of a mechanism with a little study.

### HK: The Teutonic Titan



The HK33 is the 5.56mm version of the 7.62mm G3. Heavy by modern standards yet imminently rugged, the HK33 is fairly typical of the family of roller-locked assault rifles.

The roller-locked action of the HK33 is the least prevalent system we will discuss this day. Spawned from the prototype STG45 that arose from the ashes of the Second World War, this roller-locked recoil-driven action defined a generation of HK rifles and submachine guns. The concept arose from the MG42 belt-fed machinegun.

The MG42 has been extolled as the best machinegun of World War 2. Comprised of pressed steel components that kept it cheap and sporting a blistering rate of fire, the MG42 was indeed a formidable combat tool. The beating heart of the MG42 was its novel roller-locked recoil-driven action.



Like everything HK makes, their scope mount is crazy complicated but effective.

Dr. Werner Gruner was the chief engineer behind the MG42, and he had never before built a gun. His company produced pressed-steel lanterns prior to his winning the design competition to replace the previous MG34. It was likely his subsequent lack of preconceptions that spawned such an innovative mechanism.



Roller-locked HK rifles and submachine guns all sport pressed steel receivers that can be economically produced in large quantities.

The basic action consists of a pair of roller bearings that cam into recesses in the breech end of the gun's barrel. These bearings retard the movement of the bolt long enough to allow chamber pressures to drop to a safe level. As this system operates independent of gas pressure, the resulting weapon does not depend upon barrel length for reliable operation.



The bolt on the HK33 does not lock to the rear after the last round is fired, and this is a pain. However, you do get some cool points for slapping the charging handle down over a fresh magazine.

The STG45 was an experimental 7.92x33mm rifle developed by Mauser for the Wehrmacht at the very end of the war. This design was taken to Spain where it became the post-war CETME battle rifle. German engineers subsequently brought the concept back to Germany where it drove the G3, HK33, and MP5-families of guns.



HK flash suppressors sport a groove in the end that serves as a wire cutter. Center the offending wire in the groove, lean against it to bring the wire taught, and fire a round to cut it cleanly. This simple device works on concertina and commo wire as well as the standard barbed sort.

These weapons are dichotomous designs in that they orbit around inexpensive pressed steel receivers yet incorporate precision machined components in their bolts and recoil mechanisms. While G3's are still commonly found in your more poorly funded war zones, by and large, the roller-locked design has been supplanted by simpler stuff these days. Roller-locked guns still remain in production in several countries, however.



Though the roller-locked action is a bit dated this deep into the Information Age, the HK33 remains an effective combat weapon.

## Comrade Kalashnikov's Meat Grinder



The AK74 was an evolutionary advancement of the original post-WW2 Kalashnikov combat rifle. Firing a radical small caliber 5.45x39mm round, the AK74 still serves as the standard-issue Infantry weapon for Russian forces.

As the story goes Mikhail Timofeyevich Kalashnikov dreamt up the AK47 action while recuperating from wounds he received fighting the Germans as a T34 tank crewman at the Battle of Bryansk during World War 2. The tale has all the obligate components of an epic Communist political tome. Kalashnikov was a peasant, the

17<sup>th</sup> of 19 children, and he purportedly designed the gun amidst a veritable fit of patriotic fervor. He purportedly wished his eponymous assault rifle to stand in the vanguard defending Mother Russia against the resplendent ills of fascism.



The ranch gate safety selector on the AK74 has been justifiably maligned. Hard to reach and tough to manipulate quietly, it is nonetheless effective.

The reality was that the Kalashnikov clan suffered mightily during Stalin's bloody purges, and there were likely other influences that bore on the gun besides the informal etchings of a recovering Soviet tanker. Regardless, the basic AK action has been universally extolled as the most popular military weapon in human history. More than 100 million copies have rolled off the lines in the last seventy-five years, and the world produces another million of these rugged guns annually.



The ramp adjustable rear sight on the AK74 is fairly dated. Some but not all AK74 rifles have their charging handles canted up for easier access.

AKs are ubiquitous fixtures across the planet, and the price of a Kalashnikov rifle is a reliable indicator of how nice a place is to live. If full auto AKs are expensive and tough to find then settle down, buy a home, and join the local Rotary. If you can trade into one for a live chicken and a dog-eared copy of *Hustler* magazine then you should leave. The Kalashnikov is so simple a child can use it and many have.



Modern AK rifles have a scope-mounting rail riveted to the left aspect of the receiver.

In many ways, the AK rifle reflects the ethos of its designer. Rugged, over-designed, and simple, the Kalashnikov rifle is the small arms equivalent of the basic Russian peasant. The gun has a singular mission that it performs with monotonous reliability. It is not elegant, refined, or pretty, but it is inimitably functional.



The muzzle brake on the AK74 is loud but remarkably effective.

The long-stroke gas piston system that drives the AK involves a lot of reciprocating mass. The overbuilt bolt carrier assembly has energy to burn and will always be the last to fail anyplace two or more assault rifles are competing for mechanical supremacy. The resulting weapon is not the most accurate in the arms room, but it will reliably go bang every time you squeeze the trigger.



The Kalashnikov family of assault rifles is a ubiquitous fixture around the globe.

Those first AK47's fired the short but heavy 7.62x39mm M43 round originally designed for the RPD light machinegun. As the name implies, the AK74 was developed in 1974 and fed a radical 5.45x39mm cartridge with an unnaturally long 53-grain bullet. This variant first saw action in Afghanistan in 1979. The American

CIA purportedly paid \$5000 cash for the first captured example to find its way outside that wretched country. The long slender 5.45x39mm round has always been a personal favorite. This basic chassis went on to become the AK100-series guns in production today.

## Gene Stoner—The Godfather of Guns



The M16A1 was the definitive variant of the AR15 used during the Vietnam War. Lightweight and maneuverable, the M16's teething troubles have been well documented.

In 1956 a former Marine named Gene Stoner and a few others strived to incorporate aviation technology into the burgeoning world of modern small arms. The radical new AR10 rifle they designed orbited around aircraft aluminum receivers and a novel but simple direct gas impingement operating system. The action drew inspiration from a little-known turn-of-the-century French rifle called the Rossignol B1.



The M16 orbits around an upper and lower receiver formed from aircraft-grade aluminum.

The concept began with the AR10, a 7.62x51mm battle rifle submitted for the US Army's rifle trials held in 1956. While the AR10 ultimately lost out to the T44 that went on to become the M14, the design was subsequently miniaturized to accept the .223 Remington cartridge. The .223 Remington was itself also a Gene Stoner creation that pushed a 55-grain .22-caliber bullet to around 3,000 feet per second. While this tiny little round represented a quantum leap in military small arms technology, the circuitous route it followed was labyrinthine.



The direct gas impingement system of the M16 keeps the forend of the rifle uncluttered. The closed birdcage flash suppressor replaced the earlier open sort as the previous version caught badly on brush and vines.

The AR10 became the small-caliber AR15 that was ultimately championed by Air Force General Curtis LeMay, the commander of strategic bombing forces in the Pacific during World War 2. With LeMay's patronage, the AR15 morphed into the M16 and was adopted by the US Air Force in the early 1960's and subsequently by Army Special Forces soldiers in Vietnam. The gun was then foisted upon combat troops throughout this combat theater, and its teething problems became patently manifest. The bugs were eventually worked out, and the M16 became the longest-serving military rifle in American history. Our boys and girls serving downrange carry Information Age versions of this rifle even today. The details are much more convoluted, but this captures the gist of the tale.



The original M16A1 was a remarkably lithe combat weapon before we started hanging so much crap on it. The M16/M4 family of rifles is indeed lightweight and controllable. Typically feeding from a thirty-round detachable box magazine, the M4 is accurate and effective out to about half a kilometer. The direct gas impingement system demands regular maintenance for reliable operation, but it will no doubt be serving with American forces downrange for the foreseeable future.

### Gene's Ambitious Upstart



The AR18 was the next generation evolutionary development of the M16. Easier to produce and running a cleaner, cooler, more reliable gas piston action, the AR18 spawned several other advanced combat rifles currently in common use. In 1963 Gene Stoner and Arthur Miller began work on the next generation replacement for the AR15. Rights to that rifle had passed on, and it was time to work up a follow-on weapon that was simpler to manufacture. While the basic AR rifle was indeed revolutionary, it required advanced industrial capabilities to produce. Their

subsequent 7.62x51mm AR16 morphed into the 5.56mm AR18 after Stoner left the project and went into production in 1969.



The AR18 was a more conventional design than the esteemed Space Age black rifle that preceded it. Gone were the forged aluminum receivers in favor of stamped steel components more akin to those of the HK93 or AK74. Semi-skilled workers could stamp out these parts en masse on industrial presses. The direct gas impingement system was exchanged for a more conventional gas piston design as well.



The AR18 has its recoil spring in the forearm with the gas piston, so the buttstock is free to pivot to the side. The production run of the AR18 spanned from 1969 until 1985. These rifles were produced in the US, the UK, and Japan and saw very limited combat action, mostly in Lebanon and Northern Ireland. Though the AR18 didn't itself make much of a splash, the guns that it inspired went on to dominate the marketplace.



The AR18 is designed around an upper and lower receiver constructed of pressed steel stampings. It is an easier weapon to produce than the M16 as a result.

The basic AR18 action was adapted to the Steyr AUG, the HK416, and the G36 as well as several lesser designs. These rifles currently serve in various guises in the hands of the military and LE operators around the globe. The AUG has seen widespread service with the Australian military. The HK416 arms America's Tier 1 special operators, while the M27 Infantry Automatic Rifle is a full-length variant of the HK416 that serves with distinction with US Marine Corps riflemen today. The G36 has been the standard issue service rifle in the German Bundeswehr since 1997.



The AR18 sports a three-prong open flash suppressor akin to those of very early M16's.

The AR18 sports a rigid charging handle that reciprocates with the bolt. The recoil spring on the gun is incorporated into the gas system so the buttstock is free to fold to the side. The gas piston action of the AR18 runs much cleaner and cooler than does that of the AR15.



The in-line design of the AR18 very effectively negates muzzle rise as can be seen by this long string of fire.

Trigger Time



Magazines for these four weapons are optimized for their respective actions. From left to right are the AR18, the AK74, the M16, and the HK33. The AR18 mag differs from that of the M16 solely by the small slot cut in the side for the magazine catch. The HK93 is a heavy and rugged design. The manual of arms is a bit more cumbersome than is that of our other contenders, but you win some cool points during magazine changes. The bolt does not lock back on the last round fired, so one must manually lock the bolt to the rear, replace the magazine, and then slap the charging handle to drop the bolt. Recoil is pleasant given the gun's mass, and the fire controls are easily accessible by right-handed firers.

The AK74 is not designed for real humans, but it runs well enough regardless. The right-sided ranch gate safety has been justifiably maligned, and the magazines must be rocked into position. However, this does allow for easy seating of a full magazine with the bolt closed. The bolt does not lock back after the last round is fired, and the sights were state of the art back in 1945.

The ergonomics of the AR15 set the standard by which all others are judged. Everything is readily accessible, and magazine changes are fast and easy. The T-shaped charging handle is perhaps suboptimal, but, so long as everything goes well, you shouldn't have to fart with it once the bullets start flying. No other gun in the world is so modular or adaptable as the current iteration of the M4.

The AR18 is a superb lightweight fighting rifle. The charging handle sports a handy crook, so it is fairly easy to access with the left hand if you cant the rifle just a bit. The weapon shoots fine with the stock folded, but no sensible shooter would ever run it thus. The gun is almost as light as an AR15 and much more easily maintained.

Each of the rifles we reviewed for this project has been supplanted by something newer, fancier, and better. However, the designs they each subsequently spawned soldier on in the hands of both Good Guys and Bad across the globe today. Within these four basic rifles we see the seeds that ultimately grew to become most of the world's modern small arms.



The 5.56x45mm round on the left was a Gene Stoner creation and drives most of the Free World's small arms. The 5.45x39mm round on the right pushes a long thin bullet that is remarkably effective downrange.

### Technical Specifications

	HK93	AK74	M16A1	AR18
Caliber	5.56×45	5.45×39	5.56×45	5.56×45
Weight	8.05lb	6.8lb	6.37lb	6.7lb
Length	36.2 in	37.1 in	39.5 in	38 in
Barrel Length	15.4 in	16.3 in	20 in	18.25 in
Rate of Fire	750rpm	650rpm	750rpm	750rpm
Mag Capacity	25/30/40	30/45	20/30	20/30/40

[https://www.gunsamerica.com/blog/sabatti-urban-sniper-review/?utm\\_source=email&utm\\_medium=20180618\\_BlogDigest\\_282&utm\\_campaign=/blog/sabatti-urban-sniper-review/](https://www.gunsamerica.com/blog/sabatti-urban-sniper-review/?utm_source=email&utm_medium=20180618_BlogDigest_282&utm_campaign=/blog/sabatti-urban-sniper-review/)

## The Sabatti Urban Sniper w/Trijicon Review: Tactical Precision Italian Style

by ADMINISTRATOR on JUNE 16, 2018

By Brian McCombie

Sabatti S.P.A. was founded 400 years ago in the Northern Italy, and initially made flintlock pistols and rifle barrels. While the company certainly respects and adheres to the traditions of Old World craftsmanship, Sabatti itself isn't stuck in the 1700's. Today, Sabatti manufacturers competition shotguns, hunting and target rifles, and lately has entered into the tactical bolt action market.

Case in point on the later: the new Sabatti Urban Sniper rifle.



Sabatti's Urban Sniper: a very accurate rifle for long-range shooting, at a third of the price of many tactical bolt actions.

Imported to the United States exclusively by the Italian Firearms Group, the Urban Sniper sports a relatively short (for a long-range precision platform) 20-inch bull barrel. Even with that shorter barrel, the Urban Sniper isn't a lightweight at 8.75 pounds, though few of today's long-range rifles are exactly nimble. It is also very accurate, has a great trigger and fits on the shoulder well.

Factor in a street price of right around \$1,100.00? And the Urban Sniper is among the more affordable tactical bolts available.

I received a new Urban Sniper recently, chambered in 6.5 Creedmoor, and mounted a new Trijicon AccuPower 4.5-30x56mm scope onto it. For test ammunition, I used three brands of 6.5 Creedmoor: American Eagle, with a 140-grain open tip match bullet; Barnes VOR-TX firing a 120-grain TTSX bullet; and, Hornady's Precision Hunter loaded with the company's 143-grain ELD-X bullet.

Mine arrived with a muzzle brake attached. I left it on. Sabatti also includes a thread protector for those who don't want the brake. A suppressor can be easily attached, too, as the barrel features 5/8×24 threads.



The Urban Sniper comes standard with a muzzle break and a thread protector. The 5/8×24 threading allows for easy attachment of a suppressor.

Sabatti's instructions suggested a barrel break-in cleaning and shooting process, so I generally followed the recommendation, scrubbing out the bore after a shot or two. Every tenth shot or so, I let the barrel cool off for 10 minutes before shooting again. Accuracy with the Urban Snipe was very impressive. Eventually. But I ran into a real problem Day One: me.

I'd put together nice and tight three- and four-shot groups, get nervous, and then pull my next one or two shots and trash what was shaping up to be a 1/2 MOA grouping of five shots at 100 yards.

For example, three shots of the Hornady Precision Hunter pegged into a very nice .454-inch group—only to have my next couple shots jump the final measurement to over an inch



Barnes VOR-TX hunting rounds in 6.5 Creedmoor pegged some impressive groups, too, including this .65-inch string of five shots at 100 yards.

Day Two, I was able to print some better 100-yard, five-shot groups. Interestingly, my best group was with the least expensive ammunition, the American Eagle, which pegged five shots right at .495-inches. Next best, the Barnes with a .650-inch group. More time with the rifle should equal more consistent groups; I'm sure the rifle is capable of ½ MOA or better all day.



American Eagle's 6.5 Creedmoor with a 140-grain match bullet scored the best five-shot group, under ½ inch at 100 yards.

Sabatti employs what it terms Multi-Radial Rifling (MRR) on the Urban Sniper and other rifles. Instead of traditional lands and grooves, MRR uses two offset radiuses. This means the rifling has no sharp edges. According to Sabatti, MRR seals the bullet more perfectly to the bore, reducing stress on the bullet and producing less copper fouling, better accuracy, and increased muzzle velocity.



Sabatti claims its Multi Radial Rifling or MRR produces better accuracy with less barrel fouling and increased velocity. The author feels more testing is needed to verify those claims, though the rifle is ½ MOA accurate.

Certainly, the rifle is very accurate. But the above claims about MMR are difficult to prove or disprove. I hope to do future work with Sabatti rifles and establish some objective measurements to see if, in fact, the MMR is a superior rifling.

Sabatti rates the Urban Sniper's trigger as "match grade." I'd have to agree. The trigger breaks very cleanly, with no creep. My Lyman Electronic Digital Trigger Pull Gauge measured the pull at an average of just 3.08 pounds. The trigger isn't going to go off with slight pressure; yet, any decent squeeze has lead moving downrange.

The bolt features a two-lug locking system, and it operates nicely, securing the cartridge without undue force. The tactical, oversized handle with a removable knob provides good leverage. However, when pulled fully to the rear the bolt has a slight rattle.

Initially, I thought the magazine release was pretty cool, a metal tab positioned at the front of and just below the trigger guard. But that set up, I discovered, was awkward to use. I had to put forward pressure on the magazine release tab with one hand while pulling on the magazine with the other hand. That's not easy to do. I'm hoping future incarnations of the Urban Sniper will have a more ergonomic button-style release.



The Urban Sniper's magazine release, located on the trigger guard, proved somewhat awkward to use. The rifle came with a 10-round, polymer magazine. The people at Italian Firearms Group tell me this magazine was recently scrapped in favor of a better magazine made by VICTRIX, also an Italian company. This should be a good change.

Initially, the poly magazine fit into the Urban Sniper's mag well tightly. But with use, it loosened to the point the magazine would shift ever so slightly from the recoil (about round four or five). At which point, the new round sat just a little too low for the bolt to pick it up.

Whether that problem was caused by the magazine itself or some design feature of the mag well? I can't say. I requested a VICTRIX magazine and will test it out.

The stock on the Urban Sniper has a comfortable rubberized butt pad. It also had two spacers in place to allow a shooter to adjust for length of pull. The two-spacer set up was too long for me, so I removed a spacer (via Philips head screw holes in the butt pad), which made the length of pull and eye relief for my scope just right.

The carbon-infused polymer stock is very rigid. It also features a thumbhole that provides a very solid anchor, especially with the aggressive checkering around the opening. An easily-adjustable cheek piece rounds out the stock.



The Urban Sniper's stock is adjustable for length of pull and cheek weld, plus features a thumbhole for added stability. I was damned glad to see the Picatinny rail atop the receiver; I'm tired of trying to find rings and bases to fit onto various bolt actions. A good rail saves me all kinds of time—and frustration.

As I outfitted the rifle, my Urban Sniper rig is approximately 12-pounds, with the rather stout Trijicon AccuPower (36 ounces) and mounting hardware. Which isn't a big deal for competitive long-range shooting, where most participants carry around a good 12- to 15-pounds of rifle (plus who knows how many pounds of accessories in their packs)!

For hunting, potentially of the longer-range variety? If you're set up in a stable position like an elevated blind or a good seat on a hillside, the Urban Sniper and the experienced shooter can drop deer-sized game out to 400-yards with little difficulty. Potentially further in more-expert hands. But this isn't the rifle you want to be lugging around in Western mountains.

With in-store and online prices of approximately \$1,100.00, and available in both 6.5 Creedmoor and .308 Win, the Urban Sniper represents a real value for the newcomer to long-range shooting. With ½ MOA accuracy potential, I suspect I will be seeing a good number of Urban Snipers at shooting ranges and in competitions.

#### SIDEBAR: Trijicon's Newest AccuPower Scope

At the May 2018 NRA Annual Meetings, Trijicon unveiled its two newest optics, the AccuPower 4.5-30×56 and the AccuPower 5-50×56 riflescopes. I received the 4.5-30×56 model about the same time the Sabatti arrived, and it seemed like a logical fit: long-range rifle and high-magnification scope.

The AccuPower 4.5-30 delivers extremely clear images. I could see the very edges of the paper targets and backboard materials. The scope provides the option of a red- or green-lit reticle, with five power settings for each. For my eyes, the green worked especially well, putting me on target fast. The illumination is powered by a single CR2032 lithium battery.

The 0.25 MOA windage and elevation controls are very precise. I had to re-zero every time I switched ammunition, and the AccuPower 4.5-30 made that very easy. At 100 yards, I could take a shot, and then give the scope two clicks to the right, shoot again and see a new hole—a half-inch to the right. The exposed elevation adjustment knob allows 100 MOA's of elevation, while the capped windage adjustment knob delivers 50 MOA of right to left adjustment.



Trijicon's newest scope, the AccuPower 4.5-30x56mm, is a long-range shooter's dream. But she ain't cheap! The scope features a side-parallax control and two different positions for the (included) magnification lever. The scope is built around a rugged 34-mm tube made of aircraft-quality, hard-anodized aluminum.

I chose the second focal plane model. The first focal plane model comes with an MRAD Dot reticle and a Christmas tree-like grid below the reticle center. I find that a little too cluttered, so I specifically requested the second focal plane with the cleaner MOA crosshair.

It's one fine scope. But this level of precision and optic clarity doesn't come cheaply. This second-focal plane model has a suggested retail of \$2,600.00, while Trijicon's asking price for the first focal plane model is \$2675.00. Expect street prices at several hundred dollars less, when the scopes become available this summer.

[www.trijicon.com/](http://www.trijicon.com/)

**SPECS:** As tested, Sabatti Urban Sniper in 6.5 Creedmoor

Action: Two-lug bolt action

Barrel Length: 20-inch, heavy contour, cold hammer forged, blued finish

Rate of Twist: 1:8, with Sabatti's Multi Radial Rifling

Magazine: Detachable. Accepts AICS patterned magazines.

Trigger: Match quality, 3.0 pounds pull

Stock: Carbon-infused polymer, black matte finish

Length: 35-inches with muzzle brake

Weight: 8.75 pounds

Included: One magazine, swivel studs, Picatinny rail atop receiver, rail section under barrel for bi-pod, muzzle brake and thread protector.

Price: Approx. \$1,100, in-store and web prices.

## AR Basics: Initial Diagnosis Of AR Gas System Issues

By Len Waldron

Part 1

Most AR rifles utilize a direct impingement gas-operated system to cycle. Understanding this system is key to troubleshooting it. How a DI goes about its business:

- A majority of ARs operate off the direct impingement cartridge gases.
- The system consists of a port, block, tubes and a gas key.
- A small amount of gas is siphoned after a round is fired and is diverted to cycle the rifle.
- Generally reliable, the system can have a number of issues that can make it malfunction.

**Editor's Note:** This is the first article of four-part series dealing with direct impingement operated ARs and troubleshooting the gas system.

Not to be confused with gasoline, the gas-operated AR functions by using a portion of the propellant gases created by the discharge of the cartridge. The gases are directed back through a system of ports, blocks, tubes and a rotating bolt, and it ultimately compresses a spring to cycle the AR's action. This efficient system functions to reload the weapon each time it's fired and also to reduce recoil. It does have some drawbacks, which we'll dive into later.



Functionally, the direct impingement system is a circular sequence that runs as long as the operator continues to pull the trigger and exhausts the ammunition. After the first round is fired, the process starts on the barrel where a small hole, or gas port, vents a portion of the gas discharged after the projectile passes. The gas is vented into

a gas block that regulates the amount of gas fed back into the action through tubes that run parallel to the line of the rifle's bore. The gas block may be fixed or adjustable, and in some ARs it can be tuned like the carburetor on a car.

Lean or rich, the gas then passes through a gas tube into the gas key staked to the top of the bolt carriage group. This gas key absorbs the punch of the gas's discharge, pressing the bolt carriage group back into the buffer and buffer spring, which are located in the rifle's butt stock. The buffer spring compresses to the rear while, simultaneously, the bolt extracts and ejects the fired cartridge casing.

When the compressed spring recoils, the bolt carriage group travels forward, picks up another round from the magazine, and then reloads and re-cocks the weapon as it returns to battery. The rifle is now ready to fire another round when the trigger is depressed.

So what does the average shooter need to learn from all this engineering? First, the AR's successful function depends upon re-direction of the appropriate amount of this discharge gas. Second, this system, though generally reliable, has failure points that can be tough to spot. And finally, the "magic gas" this system depends upon is hot, dirty and filled with carbon and unburnt powder that, over time, will impact the function of the parts and the system as a whole.



The first step in diagnosing an AR problem is to eliminate the most likely culprit: the magazine. Perform the “single-round magazine” test and, if everything checks out, the diagnosing from there.

By this I mean first eliminate as many other possible causes as you can. There are a few tests that can be used to determine if your AR is over- or under-gassed, but the tests should be conducted before and after removing all the non-gas system possibilities. Luckily, these tests are quick and simple to conduct.

### **1. The Single-Round Magazine Test**

This test involves nothing more than loading one round into a new or serviceable magazine. Most AR stoppages are due to magazine problems, so start with one that works. Load the magazine into the rifle and fire the round. What does this tell you? The key piece of evidence is whether the bolt locks to the rear after the round fires.

If the bolt locks to the rear, you’re likely not under-gassed. In other words, the direct impingement system has adequate pressure to press the bolt carriage group far enough to the rear to engage the bolt stop/release on an empty magazine. If the bolt does not lock to the rear, it might be your gas system. It also might be a broken bolt stop/release or weak ammo. The next test will help narrow it down.

### **2. The Angle Of Ejection Test**

This test allows you to determine the amount of power your gas system is exerting into the direct impingement system by observing the direction the spent brass flies upon firing. This test is best accomplished on a bench beside a table or with extra bench space to the right of the rifle (on the ejection port side).

Imagine the deflector (the triangular profusion of metal just behind the dust cover or opening for the bolt group) is the center of a clock. Mark this position and make sure the AR is placed here for every shot. Perpendicular to the line of the bore (direction of the barrel), directly to the right of the deflector, imagine that’s 3 o’clock.

Each time you fire a round, the AR should be oriented directly down range, and the deflector is in the same place. You can even use a marking device such as blue painter’s tape to mark the 3 o’clock position, as well as the 1 o’clock and 5 o’clock positions for reference. The brass will be moving quickly, so the marking tape will make the visual tracking easier.



The “angle of ejection” test is a simple way to determine if your gun is over- or under-gassed, or if it’s right where it should be. With the AR pointed directly down range and the deflector in the center, fire a single round and watch the path of the brass’ flight. It might help to have a buddy stand to your left and do the spotting. Where does the brass fly? In general, this test measures the strength with which the spent casing hits the deflector — said another way, how much force the gas system is putting into the action.

Presuming all other elements in the system are otherwise functioning properly, brass that flies through the upper half of the arc, between 3 and 1 o’clock, is getting more gas than brass that flies through the lower half of the arc (between 3 and 5 o’clock). Keep in mind, this is a relative measure of the combination of your specific rifle, its level of cleanliness, its age and your choice of ammo.

[https://gundigest.com/rifles/ars-rifles/ar-basics-issues-that-mimic-ar-gas-system-problems?utm\\_medium=email&utm\\_campaign=MS\\_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need&utm\\_content=MS\\_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need+CID\\_09db51c4e2ce5ba000450d06f705dbd2&utm\\_source=Campaign%20Monitor&utm\\_term=Issues%20That%20Mimic%20AR%20Gas%20System%20Problems](https://gundigest.com/rifles/ars-rifles/ar-basics-issues-that-mimic-ar-gas-system-problems?utm_medium=email&utm_campaign=MS_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need&utm_content=MS_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need+CID_09db51c4e2ce5ba000450d06f705dbd2&utm_source=Campaign%20Monitor&utm_term=Issues%20That%20Mimic%20AR%20Gas%20System%20Problems)

## AR Basics: Issues That Mimic AR Gas System Problems

By Len Waldron -  
June 20, 2018  
Part 3

Informal tests might suggest an AR's gas system is to blame for a carbine's issues, but there are false positives that can muck up troubleshooting efforts.

What AR issues mimic gas system problems:

- Dirty extractor, bolt face, ejector and bolt carriage group can fail to function.
- Underlubrication accelerates how quickly components get dirty and malfunction.
- Mismatched buffer and buffer spring can make a rifle seem over or under gassed.
- Buffer spring weakens and does not eject cases with the force it did when new.
- Buffer weight can affect how a rifle cycles.

**Editor's Note:** This is the third article of four-part series dealing with direct impingement operated ARs and troubleshooting the gas system. Please check out [Part 1](#) and [Part 2](#) of the series.

A direct impingement system is a just that — a system — with multiple factors that can influence performance. Stoppages that might be attributable to a gas issue can be caused by something else, so let's consider some other major variables that might skew the two previous test results and give you a false positive on the failure of your gas system.



## Adequate Bathing Required

When was the last time you cleaned and lubricated your AR? Yes, I know this sounds like the IT guy at work telling you to turn your computer off and back on to fix a software problem. But in this case, examining the cleanliness and lubrication of the action is critical.

The downside of the direct impingement gas system is that it dumps hot, dirty exhaust gas through the action — the specific area that needs to stay the cleanest and most lubricated. Many have likened this design element to “flushing the toilet through the living room” or other such unsavory analogies. The problem is, it’s true.

The hot gases, carbon and unspent powder running through the action are an unavoidable byproduct of the design. Worse, the hot gases bake the carbon onto the metal, ultimately changing the geometry of the parts and impacting how they interact. Add to this any dust and debris the action picks up from wherever you’re firing, and you truly have a “hot mess” on your hands.



The most problematic areas are the spaces between the extractor and the bolt face. If this spring-loaded part cannot get over the rim of the cartridge to gain purchase, the AR will frequently or completely fail to extract the spent casing. The same is true of the ejector. In short, if these parts cannot work nearly simultaneously and in concert with the cycle of the bolt carriage group, the casing will eject poorly, inconsistently or not at all. These two areas must be examined regularly for contamination and carbon build-up.

Excess contamination also creates additional friction that impedes the bolt carriage group from cycling at the proper speed and force, which can prevent the bolt from fully reaching its rear-most point of travel and locking to the rear. It may also just slow the bolt enough to make it look like the ejection is weak. So, before you grab a wrench and go diving into your gas system, thoroughly clean your rifle, and make it a habit to use a high-quality lubricant and keep these parts clear of debris.

## **Buffer Spring Replacement**

The second most common culprit behind a false positive on a gas system failure is a weakened or mismatched buffer and buffer spring. These two parts, depending upon their configuration and condition, can exhibit symptoms of an over- or under-gassed system.

If you have a reliable AR that, over time, starts throwing rounds nearer to the 1 o’clock position in the angle of ejection test, it may just be time to replace the buffer spring. Buffer springs are made to reliably cycle thousands

of rounds, but like any metallic part put under stress, they weaken over time. If your rifle has functioned reliably for a reasonable amount of time before showing gas-related symptoms, it's probably a combination of the spring weakening and the gas port diameter widening slightly over thousands of rounds. The result is higher pressure on a weaker spring, resulting in greater force to the rear and a more violently ejected casing.



Buffer springs can and do break down over time. The size of a carbine-length buffer spring is about 10 1/2 inches and needs replacing if it measures less than 10 inches. A rifle length buffer spring measures 12 3/4 inches and definitely needs replacing as it nears the 12-inch mark.

A buffer spring is a cheap fix, usually \$10 or less. Though exact specs can vary, particularly among custom race guns, a carbine-length buffer spring will be around 10½ inches new, and shouldn't be any shorter than 10 inches after extended use. If yours is, and the gun is running hot — meaning it's over-gassed — spend the change out of your ashtray and buy the new spring.

Note: Be sure to buy the correct buffer spring for your AR. A carbine length spring will have about 37 coils, give or take — count them as well as measuring the entire spring. In contrast, a rifle-length buffer spring will be about 12¾ inches new and is a candidate for replacement when it shortens through use to less than 12 inches. Also, a rifle-length buffer spring will have about 43 coils.

The carbine and rifle buffer spring lengths are not interchangeable, and it's inadvisable to try. A buffer spring is a cheap fix, or at least the elimination of a variable, so buy one, test it in your clean AR, and you may likely solve your problem.

## **Buy A New Buffer**

For about twice the cost but still less than \$20, you can replace your buffer. Keep in mind, a heavier or lighter buffer can be used to tune the felt recoil of your AR system, and some shooters get picky about this part.



In its simplest form, the buffer is a counterweight to the force of the gas imparted to the bolt carriage group, and it's a device to compress the spring uniformly and alternatively press the bolt forward. For the average shooter, it's not a particularly worthwhile place to get fancy unless you're tuning for subsonic rounds or building a race gun.

A standard buffer, a little lighter or heavier depending on how your new spring performs the angle of ejection test, is OK — but over-doing experimentation with this part of the troubleshooting can be low-yield, if not downright irrelevant for a general-purpose AR.

[https://gundigest.com/handguns/handguns-how-much-lubrication-do-i-need?utm\\_medium=email&utm\\_campaign=MS\\_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need&utm\\_content=MS\\_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need+CID\\_09db51c4e2ce5ba000450d06f705dbd2&utm\\_source=Campaign%20Monitor&utm\\_term=How%20Much%20Lubrication%20Does%20A%20Handgun%20Need](https://gundigest.com/handguns/handguns-how-much-lubrication-do-i-need?utm_medium=email&utm_campaign=MS_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need&utm_content=MS_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need+CID_09db51c4e2ce5ba000450d06f705dbd2&utm_source=Campaign%20Monitor&utm_term=How%20Much%20Lubrication%20Does%20A%20Handgun%20Need)

## Handguns: How Much Lubrication Do I Need?

By Richard A. Mann -  
June 18, 2018

Handgun not running right? Your lubrication regimen may be to blame.

How to keep your gun a well-oiled machine:

- Often times, lubrication, or lack thereof, is at the root of a gun that refuses to run.
- Even on guns with minimal slide-to-rail contact, such as polymer-framed pistols, proper oiling is imperative.
- They may continue to function, however, the lack of lubrication accelerates wear.
- A safe rule of thumb is to lube at the first sign of metal-to-metal contact.
- Additionally, heavy lubrication in hot weather is advisable.

Lubrication can be defined in many ways: It can be oil to minimize friction. It can be making a process run smoothly. And, it can be making people convivial with a bit of alcohol.



There are many varieties of gun lube on the market; pick one you like. The most important thing is to use it appropriately.

Actually, these all mean the same thing — it's the act of making things work as they're supposed to. Handguns, even plastic ones, have metal parts, and those must be lubricated.

Bill Wilson of Wilson Combat might know more about handguns than any man walking. He says, "Just like your automobile, metal-frame guns require lubrication. When I see a student's pistol that had previously been functioning reliably begin to have failures to function, the first thing I check is to see if it's running dry."

“At this point, I use my pet phrase for the class ‘Guns will run dirty, but they won’t run dry.’ Granted, some polymer-frame pistols with their minimal frame rail-to-slide contact will often continue to function dry, but continued shooting without lube on these surfaces accelerates wear.

“My basic rule of thumb is: If you see signs of metal-to-metal contact, lube it; if you don’t see any sign of contact, don’t lube it, as all this will do is attract firing residue. On top of this, run light lube when it’s cold and heavier lube when it’s hot.”

[https://gundigest.com/gear-ammo/optics/new-optic-aimpoint-acro-p-1?utm\\_medium=email&utm\\_campaign=MS\\_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need&utm\\_content=MS\\_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need+CID\\_09db51c4e2ce5ba000450d06f705dbd2&utm\\_source=Campaign%20Monitor&utm\\_term=See%20More](https://gundigest.com/gear-ammo/optics/new-optic-aimpoint-acro-p-1?utm_medium=email&utm_campaign=MS_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need&utm_content=MS_How%20Much%20Lubrication%20Does%20A%20Handgun%20Need+CID_09db51c4e2ce5ba000450d06f705dbd2&utm_source=Campaign%20Monitor&utm_term=See%20More)

## New Optic: Aimpoint ACRO P-1

By Elwood Shelton -  
June 20, 2018

With a tough exterior housing, Aimpoint's new ACRO P-1 is as resilient a reflex optic as there is today.

How the ACRO P-1 is tougher than the other red dots:

- A 1x optic with a fully coated lens.
- Components enclosed in a tough aluminum housing.
- Impervious to rough use, dirt and moisture that plague open systems.
- 3.5 MOA dot fully adjustable for windage, elevation and intensity.
- Fully compatible with night-vision.

Fast and dead-on accurate, there are few complaints about what red-dot optics bring to the close-quarters shooting game. That's not entirely true. Some shooters — tactical operators and civilians alike — are head shy over potential missteps and malfunctions commonly associated with reflex sights. In the heat of the moment, a protruding optic is a perfect candidate to snag clothing or tangle in a sling. On top of that, early examples had a frustrating tendency of losing their zero at just the thought of a stiff breeze. Resiliency wasn't their selling point.



Thankfully, those days are behind us. There has been a revolution in red dots in recent years, with the aiming solutions growing smaller and tougher than anyone could have ever imagined. All the while, they haven't sacrificed a lick of functionality or accuracy, giving shooters everything they expect out of an aiming upgrade. Nobody's arguing they've made iron sights obsolete by any stretch of the imagination. But these new small packages are explosive performers, going a long way at running on par with traditional aiming systems when it comes to convenience and dependability — beyond when talking accuracy.

Aimpoint continues to remain at the cutting edge of red dots and moved the niche forward recently with the release of its ACRO P-1 optic. Tailored for use on pistols, but more than comfortable on carbines, the Advanced Compact Reflex Optic is flint tough, capable of withstanding extreme shock, temperatures and rough use that would rattle more traditional optics to their core. At the same tick, it produces the pinpoint accuracy required for deadly accurate up-close-and-personal shooting.



Elegantly simple, the advancement Aimpoint conjured up with the ACRO P-1 is enclosing the optic, making it impervious to bumps, bangs, dust and moisture. Even with the additional material (high-strength aluminum), the optic remains negligible in size, weighing in at 2.1 ounces and measuring a shade under 1 inch in length. Of its more notable features, the unit has a 3.5 MOA dot (fully adjustable for windage, elevation and intensity), a fully-coated lens and night-vision compatibility. The ACRO P-1 runs off one CR1225 battery and is an energy sipper. The unit was tested for one year of continuous use off one battery. Aimpoint has yet to release an MSRP on the new optic.

For more information on the ACRO P-1, please visit: [www.aimpoint.com](http://www.aimpoint.com)

**ACRO P-1 Specs:**

**Magnification:** 1x

**Dot Size:** 3.5 MOA

**Aperture:** .63"x.63"

**Battery:** CR1225

**Power Intensity:** 4 NVS, 6 Daylight

**Length:** 1.9 inch

**Width:** 1.2 inch

**Height:** 1.2 inch

**Weight:** 2.1 ounces

**MSRP:** N/A

## FN SCAR Review – The Most Refined Assault Rifle in the World

by WILL DABBS on JUNE 23, 2018



The FN SCAR 16S is the semiauto-only version of the SCAR-L that is available to us mere mortals. Rugged, well reasoned, and fun, the SCAR is the optimized modern combat rifle.

The HK416 that DevGru used to introduce Osama bin Laden to his seventy dark-eyed virgins was itself an evolutionary offshoot of the space age weapon that Gene Stoner and a few others conjured up way back in 1958. While its ergonomics are unparalleled and its design undeniably inspired, the basic chassis is more than half a century old. Back in 1958 a telephone was tethered to the wall, weighed as much as a frying pan, and was nearly as large. Surely this deep into the Information Age we could do better.

About every twenty minutes, somebody in the US Army posts a list of specifications that drives the flower of modern engineering prowess into an apoplectic furor of frenetic gun design. The carrot that drives all this capitalistic chaos is the prestige and subsequent vast market share that opens up to the weapons company that supplies the guns that American grunts pack downrange. In addition to the obvious monetary benefits of a fat government production contract, everybody knows that the coolest kids on the block serve with the US Special Operations Command. If Uncle Sam's Bad Boys are humping a particular smoke pole then everybody else on the planet will want one just like it.

Most of these fishing expeditions don't amount to much. Everybody gets tooled up for a while, but budget priorities change, somebody new moves into the White House, or we go to war someplace else and the process starts anew. Such boondoggles brought us the XM8 assault rifle as well as the XM25 Counter Defilade Target Engagement System. These weapons were both undeniably awesome, but you can't find one outside a museum nowadays. However, every now and then something truly magical happens.

Sig's new M17 Modular Handgun System made such a splash. Uncle Sam now wants more than 400,000 copies. Additionally, everybody's aunt out here in the civilian world is waiting in line for one as well. A proper government arms contract can put a company firmly on the map. With this as an impetus in 2004, Fabrique Nationale rejoiced when their newest rifle system was selected as the new Special Operations Forces Combat Assault Rifle.

SCAR—The World's Coolest Acronym (Special Operations Forces **C**ombat **A**ssault **R**ifle)

It was decided soon after the turn of the century that our boys and girls in SOCOM needed something spiffier than a fifty-year-old M16 variant. They go places and do things that others don't, so their requirements might be a bit more stringent than is the case for the rest of us mere mortals. After a competitive comparison wherein the baddest operators in the business did their dead level best to tear up everybody's newest toys the FN offering reigned supreme. The end result was indeed a spanking piece of iron.

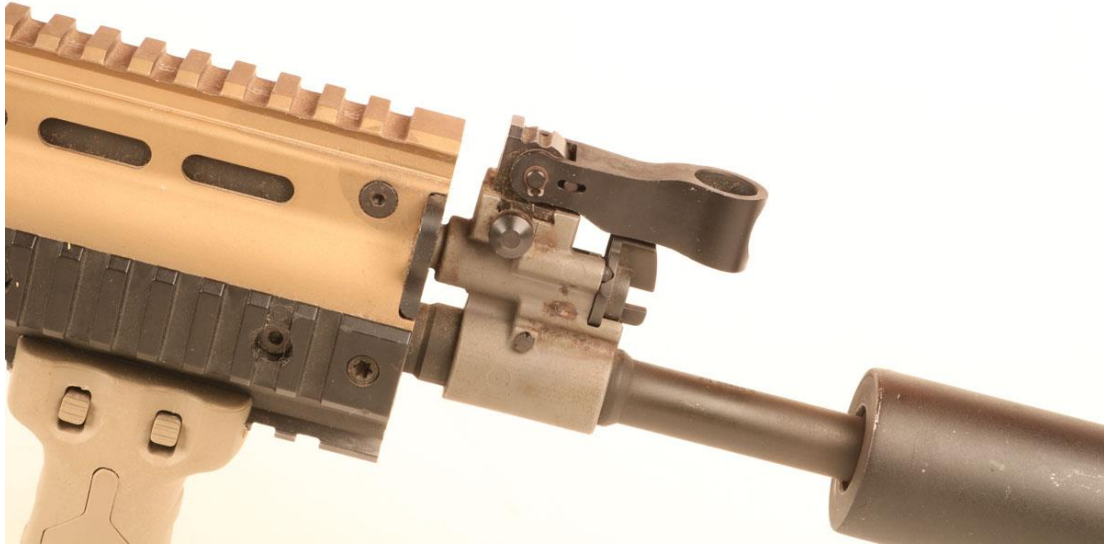


The SCAR-L saw some active service before Uncle Sam changed his mind and pulled it from the inventory. Here we see the SCAR-L in the hands of USAF Captain Barry Crawford, winner of the Air Force Cross for gallantry in combat in Afghanistan. Modularity is the new gospel in modern firepower, and the FN SCAR just drips with it. The upper receiver starts out as an extruded bit of aluminum, while the polymer lower contains the fire control system and secures the magazine. There are two major subtypes. The SCAR-Light (SCAR-L) runs 5.56x45mm. The SCAR-Heavy (SCAR-H) chambers 7.62x51mm. There were rumors of conversions allowing these guns to fire 7.62x39mm and 6.8x43mm Remington, but these variants never really made it to prime time. The SCAR-H can also be fitted with a conversion kit allowing it to run smaller 5.56x45mm rounds. The SCAR-L cannot be scaled up, however.

Both versions run off of a gas tappet design similar to that of the M1 Carbine. This particular method of operation keeps all the crud up front in the weapon so the operating parts stay clean and cool. The bolt carrier is a fairly massive piece of kit, so the rifle has plenty of spare energy to keep the action running when it gets dirty.

The barrels are chrome-lined, free-floated, and easily exchanged. This allows a single chassis to be used for long-range engagements, mid-range assault rifle chores, and close-range CQB missions. There's that modularity again.

Starting at the nose, the SCAR uses a proprietary muzzle brake/flash suppressor that looks like a Jackson Pollack painting but remains undeniably effective. The gas system of the SCAR is easily adjustable without tools. Top quality backup iron sights fold when not needed yet deploy quickly for use when life goes truly sideways. The front sight is adjustable for zero, while the rear sight readily compensates for bullet drop. The gun sprouts enough Picatinny rail space to mount a tactical crockpot along with a modest pinball machine.



The front backup iron sight is robust steel and folds down when not in use. The SCAR's gas system is easily adjustable without tools.

The charging handle is rigid and reciprocates with the action so it can be used as a forward assist device if needed. This appendage is easily reversible at the user level, but one needs to mind one's fingers lest they get pinched when rushed. The magazine release is in the expected place on both sides of the rifle, while the bolt release runs exactly like that of an M4. You can drop the bolt just as easily by giving the charging handle a quick snatch to the rear.



The rigid charging handle reciprocates with the bolt and can be used as a forward assist if necessary. The safety/selector is bilateral and in the same spot as that of the M4. However, it only rotates through maybe 80 degrees. In this regard, it more closely resembles that of an HK G36. The SCAR-L is designed to feed from any NATO-standard 5.56mm magazine. The SCAR-H uses proprietary FN magazines.



The FN SCAR's controls will seem familiar to anyone who has run an M4. The real magic happens with the rear end of the rifle. The stock on the SCAR is as adjustable as your favorite recliner. Once you get it tweaked the gun fits you like your most beloved pair of broken-in boxer shorts. In addition to a readily adjustable length of pull and comb height, the whole shebang pivots to the right for storage if need be. The rifle will still shoot fine with the stock folded, but nobody in his right mind would run it that way for real. By my count, there are six different sling attachment points. If you can't find a handy place to hook a sling you are being too picky.



The SCAR's buttstock adjusts all over the place to ideally interface with the gun's operator. It also folds to the right for storage or transport.



The side-folding stock on the FN SCAR readily adjusts for both comb height and length of pull without tools.

## Tactical Glass

I topped my SCAR with a new EOTech EXPS2 Holosight sporting a green reticle in concert with a flip-up magnifier. These two items are hardly cheap, but the last thing Osama bin Laden saw as he embarked for his well-earned eternal reward was the angry end of a Holosight. I can think of no higher accolade.



The newest EOTech EXPS2 Green Holographic Sight takes the world's best gun sight to a new level of performance. While it is hardly cheap, the end result is easy target acquisition and fast engagement times.

The perception of color is a billion dollar industry. The good ladies in my medical clinic will order blue t-shirts calling them periwinkle and pink ones titled mauve. Out here in guy-world where I live such things are much simpler. Blue is just blue, while pink is simply pink. However, our eyes do typically get a lot more mileage out of green than red.

Take laser sights as an example. Both green and red laser sights may put out the same 500mw of power, yet the green sort is perceived as being much brighter. Green dots seem to throw much farther than red. In the case of the newest Holographic Sight, the same cool laser-born holographic reticle seems to magically hover out over your target, but the green reticle is six times easier to see in daylight than is the red sort.

I have more than half a century on my eyes so I suffer from the inevitable age-related Presbyopia. This means I can see fine at a distance but need reading glasses up close. However, that weird Holographic reticle projected onto a little pane of indestructible glass two inches from my eyeball remains crystal clear just like my distant target. I have no idea how it works. Fairy dust maybe.

## Trigger Time

A tricked-out SCAR is an absolute dream on the range. The controls are all easily accessible, and once properly adjusted the buttstock fits me like a second skin. Recoil is a joke, and the gun stays flat and true at reasonable assault rifle ranges. The reciprocating charging handle takes a little getting used to, but it's not a chore. Care

must be exercised, however, not to pinch your fingers between the charging handle and the HoloSight.



The gun is bulkier than your M4 though no heavier. The safety doesn't seem quite so easy to re-engage, but I've been running an M16 since I was seventeen. Some things are tough to unlearn.

They say a direct gas impingement AR is more accurate, but that's nuance at best. The SCAR shoots great as far as my eyes will allow. Anybody who splits those hairs is just a snob.

Particularly with a can in place the gun is pleasantly front-heavy. This means doubles are fast and easy. Muzzle rise on semi auto with the SCAR is not a real thing. After a proper afternoon turning ammo into noise I find I must agree with SOCOM. The SCAR is the ultimate shooting machine.

### The Rest of the Story...

After a great deal of fanfare, USSOCOM bought enough SCAR-L rifles to outfit a Ranger Battalion and then sent them downrange with their best wishes. By all accounts the weapons performed admirably, but, like a dog chasing a squirrel, Uncle Sam got distracted, ran out of money, and called the whole thing off. By 2013 all those lovely SCAR-L rifles had been pulled out of inventory and likely, knowing the government, ended up chopped up into beer cans or something comparably ignoble.



Though the SCAR-L fell prey to budgetary woes, it is nonetheless a superb and mature special ops small arms solution. The SCAR-H still soldiers on with alacrity albeit in markedly smaller numbers. A conversion kit indeed allows this rifle to run 5.56 ammo if desired, and the SCAR-H occupies the Designated Marksman Rifle role that had been filled by antiquated though updated M14 variants previously. Internet chatter claims that the Navy SEALs are still particularly fond of the gun. That is likely true. However, the Internet also tells me that Caitlyn Jenner is carrying the Loch Ness Monster's baby and that the moon landings were faked on a soundstage in New Mexico. One mustn't believe everything one reads.



The Navy SEALs are said to be quite fond of the SCAR-H rifles. The SCAR-H is a modular weapon that can be configured to fire either 5.56x45mm or 7.62x51mm rounds.

FN is quick to point out that the SCAR got binned for budgetary reasons and not something more sinister. Nobody disputes that the SCAR is a better rifle than the M4. It is simply that Uncle Sam discovered more pressing places to spend our hard-earned cash. After a little trigger time on mine, I find myself quite taken with the gun as well.

## Denouement

The FN SCAR 16S is the semiauto civilian version of the SCAR-L. It's an undeniably great rifle that is pretty crazy expensive. If you are in possession of a robust credit card you can usually find a couple right here at GunsAmerica. I bought mine at a good price at a Sheriff's auction of seized guns, of all places. The rifle is in fine condition, but I am intrigued by the story. How someone on the wrong side of the law ended up with such a rarefied combat rifle is thought provoking to say the least.

The SCAR rode its SOCOM cred to be adopted by twenty-seven different countries as well as LAPD SWAT. Belgium adopted the SCAR as their standard Infantry arm. Though our snake-eaters took a step back to their old M4 carbines I suspect we will still see more of the SCAR in the future. The FN SCAR really is tomorrow's high-end combat rifle.



Though the SCAR-L was pulled from the SOCOM inventory, some twenty-seven different nations adopted the weapon in one form or another.

To learn more about the FN SCAR visit FN America by clicking [here](#).

To learn more about EOTech click [here](#).

## Technical Specifications

### FN SCAR 16S

Caliber	5.56x45mm
Operation	Short-stroke Gas Piston
Magazine Capacity	10/30
Weight	7.25 pounds
Barrel Length	16.25 inches
Overall Length	27.5 inches folded/37.5 inches extended
Barrel	Hammer-forged, Chrome-lined, Free-floated
MSRP	\$3299

## Performance Specifications

### FN SCAR 16S

<u>Load</u>	<u>Group Size (inches)</u>	<u>Velocity (feet per second)</u>
American Eagle 55gr FMJ	2.1	2969
American Eagle 50gr JHP	1.9	3194
HSM 55gr Sierra Blitzking	0.8	2976
SIG 60gr HT	1.5	2605

Group size is the best four of five shots measured center to center and fired from a simple rest at 100 meters. Velocity is the average of three shots fired across a Caldwell Ballistic Chronograph oriented ten feet from the muzzle.

[https://www.gunsamerica.com/blog/nemo-omen-300-win-mag/?utm\\_source=email&utm\\_medium=20180625\\_BlogDigest\\_283&utm\\_campaign=/blog/nemo-omen-300-win-mag/](https://www.gunsamerica.com/blog/nemo-omen-300-win-mag/?utm_source=email&utm_medium=20180625_BlogDigest_283&utm_campaign=/blog/nemo-omen-300-win-mag/)

## Nemo Omen 300 Win Mag – AR Gets A Turbo Charger

by CLAY MARTIN on JUNE 22, 2018



There is nothing more American than more horsepower. Not mom, not apple pie, not a bald eagle clutching a baseball whilst curb stomping a commie and humming Yankee Doodle Dandy. While the Euro-weenies ( and our current FBI) are enamored with 9mm, us red-blooded John Wayne disciples developed the 45 ACP, 44 Magnum, and 10mm. While they made lighter sports cars with 2 and 3 liter engines, we created things like the Super Sport and Shelby Cobra. So it is with giddy anticipation this week that I present a gun that sounds like it came off the set of “ The Expendables 7: Everyone Gets Shot in the Face.”



The NEMO Omen has been around for a while, but this is the first time I got my grubby mitts on one. When I heard semi-auto and 300 Winchester Magnum, I assumed the gun had to be gigantic. It is large, but not Micheal Bay oversized. At first glance, you can see the DNA shared with an AR-15. There are a few changes to accommodate the caliber, but it keeps the things I find important.

First off, the caliber choice is uber-manly. 300 Win Mag might not be the best in class for efficiency, but it does bring the pain. You can tell the thought process of the cartridge designers back in 1963. What if we took the 30 caliber bullets Americans are so fond of and made them go ludicrously fast? Good idea Jim! How are we going to do that? Simple. We put a metric ton more powder behind it.



What a 300 Win Mag lacks in ballistic coefficient, it makes up for in anger. Pushing a 190-grain bullet, it will kill anything in North America, and most things in Africa. And for putting Jihadi's in the ground, accept no substitute. If you want to see a tango cartwheel out of his flip flops, this is the one for you.

So on to the rifle. I have shot a lot of 300 Win Mag out of a bolt action, and I find it to my liking. But for most combat situations, semi-auto is better. Much better. So this is like finding a unicorn for me. The rifle shares all the ergonomic greatness of an SR-25, to include a Magpul PRS stock. The controls are in the same place, with the Omen also sporting an ambi mag release and safety. For the massive round it shoots, the rifle is surprisingly well balanced and light. I tested the Omen Match 3.0, which has a 22-inch barrel. It weighs in at a svelte 11.2 pounds and is perfectly balanced. Small details like a titanium muzzle break and take down pins for example make the difference. Carrying this gun around, it could easily be mistaken for a 308.



The real magic of the NEMO system is the bolt. The Omen was a nexus for the creation of the collapsing bolt system, a patented recoil reducing technology. It sounds like hype, but it really does work. The felt recoil of the Omen was less than most 308 rifles, by a margin. Not only does this give you a longer training day, but it allows you to spot your own impacts at range. That is a massive advantage on the battlefield, where spotters are usually in short supply. To test this, I actually did a mag dump at CQB range. Now granted, I spent 9 dollars. But not only was it fun, I was easily able to keep the gun on target at speed. Not that you would need a double tap with a 300 Win Mag, but you could.



The Omen is a side charger, with a reciprocating bolt handle. That is something I normally dislike in assault rifles, such as the FNH SCAR. But given the role of the Omen, I don't count it as a negative. The handle is well thought out and secure and stayed put even during the aforementioned stupidity-testing. Reliability wise, the Omen ate everything I threw at it. It features a 4 position gas block, 2 for suppressed, 2 for unsuppressed. Even at the lighter setting of 3, I had no problems with a mountain of Gold Medal Match.



Besides being a side charger, the Omen has an obvious change to the magazine well. Since there is nothing else like it, NEMO had to craft magazines from whole cloth. The outer shell is polymer, with a Nickel Boron coated steel follower. Currently the gun ships with a 14 round magazine, which is P for plenty on most things.

The Omen Match has a barrel cut from a Bartlein blank, though a Proof Carbon Fiber is also offered in the Omen Watchman. Accuracy wise, it performed as you would expect for the price. It easily shot  $\frac{3}{4}$  MOA groups, though, given the single shot that kept it from  $\frac{1}{2}$  MOA, it may be capable of more. To be fair, my break in period consisted of eating a sandwich on the way to the range.



The Omen is like nothing else, and it is going to be hard to give back. If our military had any sense, a couple pallets of these would be on the way to our boys in Afghanistan.

MSRP \$4900

Visit Nemo Arms by clicking [Here](#)

**\*\*\*Shop GunsAmerica for your next Nemo rifle\*\*\***



[https://gundigest.com/article/why-an-ar-15-for-home-defense-is-the-best-choice?utm\\_medium=email&utm\\_campaign=GD\\_The%20Best%20Home%20Defense%20Gun%20Is&utm\\_content=GD\\_The%20Best%20Home%20Defense%20Gun%20Is+Version+B+CID\\_45185437bfc37f255dd1bebc2266c97c&utm\\_source=Campaign%20Monitor&utm\\_term=Read%20More](https://gundigest.com/article/why-an-ar-15-for-home-defense-is-the-best-choice?utm_medium=email&utm_campaign=GD_The%20Best%20Home%20Defense%20Gun%20Is&utm_content=GD_The%20Best%20Home%20Defense%20Gun%20Is+Version+B+CID_45185437bfc37f255dd1bebc2266c97c&utm_source=Campaign%20Monitor&utm_term=Read%20More)

## **Why An AR-15 For Home Defense Is The Best Choice**

By Patrick Sweeney -  
June 21, 2018

Light, compact, manageable and accurate, the AR-15 for home defense has all comers beat hands down.

Why an AR-15 for home defense is the smart choice:

- At around 7 pounds it's maneuverable.
- The controls — safety, mag release, trigger — are intuitively positioned.
- Low recoil makes mastering form and control easier.
- Rails allow easy mounting of lights, lasers and optics.
- 55-grain FMJ is ideal and cheap home defense ammo.
- The round will yaw or tumble when it impacts at close range.
- 20- to 30-round capacity ensure superior firepower.
- The manual of arms is simple.
- They are as or more affordable as other options.

Handguns are handy. Shotguns are powerful. But when it comes to the defense of one's castle, the most versatile tool, besides a Secret Service detail assigned to you, is the AR-15.



Why? Simple: It's light and compact, has low recoil and great accuracy, and can be configured any way you wish. But first, let's dispense with some of the canards that AR-15 detractors will raise: penetration, appearance and noise.

No, the .223 Rem./5.56 NATO will not shoot through a building. In fact, on interior walls it has less penetration than that of common handgun cartridges, even when those feature JHP bullets. Unless you're using bonded rifle bullets designed to maintain structural integrity, the bullets of a .223 Rem./5.56 NATO cartridge will yaw in drywall, break apart and not over-penetrate. Oh, they'll go through a wall or two, but not like a handgun.

A friend of mine is the head honcho of a multi-city SWAT team. His team once had the chance to "test" a neighborhood of houses before they were torn down. They shot every house with everything they could think of. "Patrick, every single handgun bullet left the test buildings, unless it hit a pipe or the building was brick." The .223 Rem./5.56 NATO bullets commonly would enter the second room, but not leave that for the third room. The lesson for us all is simple: Everything is a hazard to the next room, but the .223/5.56 is less so past that.

The AR-15 is the current poster child for eeeevil gunz. Some will advise you use something less "aggressive" looking in order to make your legal situation less of a

problem afterward. The bad guys can be called Problem One. The legal gauntlet can be called Problem Two.



Mounting a light on an AR is simple, and it can even be brutally simple. In a pinch, a hose clamp gets the job done.

Here's the catch: If you know the law, and you observe the law, and you don't talk to anyone until your attorney is on hand, then Problem One can be solved. It can be solved in a lawful, moral, safe manner, which then makes the difficulties of Problem Two pretty much not. On the other hand, if you do something stupid, or unlawful, or unwise, you will have legal problems regardless of what firearm you use.

Then there's noise. Here I have to begrudgingly admit there is some basis for concern. The muzzle blast of a rifle indoors is more than impressive — it can be deafening. However, the magnitude of that noise beyond that of a handgun or a shotgun is not that much. Yes, it's more, but it isn't like the other two are exactly quiet.

And, you can mitigate the noise. A suppressor may be a step too far (cost, paperwork, really making the prosecutor salivate), but there are other steps. First, not all rifle ammo is the same. A few practice sessions at an indoor range or on a covered firing line will tell you which loads are more or less noisy. (Test with hearing protection on, please.)

You can also use a Noveske KX3, a blast diverter that redirects the noise away from you without being a suppressor. You can also opt for less-noisy cartridges. An AR-15 in 9mm or .300 Blackout, with subsonic ammunition, for example, is markedly quieter than the same-size carbine chambered in .223 Rem./5.56 NATO.



Handguns are handy. Handguns are compact. But handguns are hard to shoot well, and they only hold a limited amount of ammo. Handguns back up an AR-15.

However, noise can be your friend. If you shoot, the bad guy or guys are on the other end of the noisy tool you're using, and this can matter. In the Miami shootout with Platt and Mattix, the FBI agents remarked on the difference between the “pop-pop” of their handguns and the much louder .223 Rem. rifle being used against them. That difference now aids you — and not the bad guys.

So, with those out of the way, let's look at why the AR-15 should be your first choice for protecting you and your loved ones in your home.

## **Weight And Ergonomics**

A “heavy,” standard AR carbine tips the scales at just over 7 pounds. That's heavy enough to control recoil, but it's also light enough to not be a hindrance. Almost anyone

can heft an AR, and in the ergonomics department — safety location, trigger press, adjustable stock and overall shooter fit — it gets top marks. Even a compact shotgun can be a bit cumbersome, and if you haven't practiced pumping it, even the “ultra-reliable” pump shotgun can let you down.

An AR-15 with a red-dot becomes even handier. Explaining it to a new shooter is easy: “Put the dot where you want the bullet to go, and press the trigger.” Iron sights are less so, and shooting a shotgun with just a bead on the barrel becomes an arcane episode of divining impact.

Handguns? Hitting with a handgun takes a lot more practice than hitting with a rifle, especially one like the AR.

## **Light Recoil**

Ever watch a new shooter the first time they shoot a handgun that's too much for them? Or a shotgun? Right there, you can see them deciding: Is this for me, or not?



Red-dot optics on an AR make aiming easy. The bullet hits where the dot is when the trigger is pulled.

The much lower recoil of the AR-15 makes it possible to teach form and control, and not have recoil as a hindrance. And when the chips are down, low recoil is an asset to solving Problem One. The low recoil of the AR-15 means odd positions are not such a problem. Ever try to pump a shotgun while shooting prone? Good luck with that.

## **Extras — Or Essentials**

It used to be a lot harder to mount lights or lasers on firearms. With the proliferation of rails, we now have many choices. Well, shotguns still lag a bit, but handguns can be on-par with ARs. Except, if you want a rail on a handgun, it has to come from the factory with one. Adding one later isn't an option.

You can add a laser with laser-equipped grips, but handguns still fall behind ARs in this. On an AR-15, if yours lacks rails, it is as simple as swapping out the handguards for a set that has rails built in. And many ARs now come with railed handguards, or handguards that readily accept rail segments.

More than being able to mount lights or lasers, being able to use them gives the definitive nod to the AR-15. With one hand to hold the pistol grip and the other to hold up the rifle and aim, the task of also switching a light or laser on is relatively easy. On a handgun, with both hands right there — and not as much to hold onto — turning on lights or lasers is less easy. Shotguns pose a special situation, as there just aren't as many options for mounting lights.

## **Defensive Ammunition**

The easy choice for the AR-15 for home defense may surprise you: plain old 55-grain FMJ. Yes, nothing special. Except, it is. At inside-the-house distances, the 55-grain FMJ has not had time to “settle down.” When a bullet is fired, it gets sent down the bore and is spun by the rifling. There, it's forced to rotate around its center of form.



Barriers are hard on bullets. Unless you have selected a bonded bullet, an AR-15 bullet from a .223 Rem. or 5.56 NATO round will not penetrate as much as a handgun bullet will.

When it leaves the muzzle, it has to adjust to rotating around its center of mass. During that transition, it is particularly susceptible to outside forces. If it strikes an object or target, the bullet will yaw, or tumble. Since you are in-close, it will be doing so with pretty much all of its velocity, and this can lead to impressive results.

You may have heard of soldiers in Iraq and Afghanistan being unimpressed with the performance of the [5.56 NATO](#). This is due to the bullet they use, the M855, and the distance. The much faster [twist](#) of the M4/M16 (one turn in 7 inches) creates more stabilization in the bullet. This means less yaw, especially at distance. And at distance, it has less velocity, so any yaw it does have will not be as effective as up close.

At close range, the 55 FMJ is a stout tool, and the same attribute that increases wounding also decreases over-penetration in walls, as we discussed earlier in the article.

## Selecting An AR-15 For Home Defense

So, a relatively plain AR-15, of the type commonly referred to as an “M4gery,” can be just the ticket. With a 16-inch barrel, an adjustable stock, a red-dot sight and a light on it, the full-up, loaded weight is not going to be much, if any, past 8 pounds. Add a sling for extra versatility, and you’ve put on a few more ounces.



Rifles have range — and precision. A precise shot at 25 yards with a shotgun or a handgun is not easy, especially when the shooter is in a high-stress situation. An AR with a scope or red-dot makes it easy to shoot quickly and accurately.

Now you have a compact, lightweight, easy-to-handle carbine, one that holds twenty or thirty rounds. It’s capable of tack-driving accuracy at home defense distances, with low felt recoil. Ammunition is common, easy to find and easy to load. The manual of arms — the handling methods — of the AR-15 are simple and straight-forward, and easy to learn.

And here’s another advantage the AR has, along with the shotgun: learners are less likely to inadvertently point the muzzle in a direction you do not want them to. New shooters with handguns can be a particular problem. It’s so easy to point a handgun “just anywhere” that a new shooter can be “sweeping” or pointing the firearm at themselves or others without realizing it. It can take some work to instill good habits. A long-gun, like a

rifle or a shotgun, is long enough that muzzle direction is less likely to be inadvertent, and it's easier to teach safe habits to new shooters.

As a final bonus, with the current marketplace dynamics, a vanilla-plain AR-15 can be had for the same as, or perhaps a small amount more than, a good-quality 9mm handgun. You don't have to spend three or four mortgage payments to have a good AR-15.

***Editor's Note:** This article originally appeared in the May issue of [Gun Digest the Magazine](#).*

Thank you,  
Paul Curtis  
President - CARGO  
[www.cargogunclub.org](http://www.cargogunclub.org)

"If you can read this, thank a teacher. For the fact that it is in English, thank a Veteran."

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<https://www.govtrack.us/congress/bills/115/s2095/text/is>

# S. 2095: Assault Weapons Ban of 2017

and

<https://www.govtrack.us/congress/bills/115/hr5410/text/ih>

# H.R. 5410: SAFER Now Act

115th CONGRESS

1st Session

S. 2095

IN THE SENATE OF THE UNITED STATES

November 8, 2017

Mrs. Feinstein (for herself, Mr. Blumenthal, Mr. Murphy, Mr. Schumer, Mr. Durbin, Mrs. Murray, Mr. Reed, Mr. Carper, Mr. Menendez, Mr. Cardin, Ms. Klobuchar, Mr. Whitehouse, Mrs. Gillibrand, Mr. Franken, Mr. Schatz, Ms. Hirono, Ms. Warren, Mr. Markey, Mr. Booker, Mr. Van Hollen, Ms. Duckworth, Ms. Harris, Mr. Casey, and Mr. Sanders) introduced the following bill; which was read twice and referred to the Committee on the Judiciary

A BILL

To regulate assault weapons, to ensure that the right to keep and bear arms is not unlimited, and for other purposes.

1.

Short title

This Act may be cited as the Assault Weapons Ban of 2017.

2.

Definitions

(a)

In general

Section 921(a) of title 18, United States Code, is amended—

(1)

by inserting after paragraph (29) the following:

(30)

The term semiautomatic pistol means any repeating pistol that—

(A)

utilizes a portion of the energy of a firing cartridge to extract the fired cartridge case and chamber the next round; and

(B)

requires a separate pull of the trigger to fire each cartridge.

(31)

The term semiautomatic shotgun means any repeating shotgun that—

(A)

utilizes a portion of the energy of a firing cartridge to extract the fired cartridge case and chamber the next round; and

(B)

requires a separate pull of the trigger to fire each cartridge.

; and

(2)

by adding at the end the following:

(36)

The term semiautomatic assault weapon means any of the following, regardless of country of manufacture or caliber of ammunition accepted:

(A)  
A semiautomatic rifle that has the capacity to accept a detachable magazine and any 1 of the following:

- (i)  
A pistol grip.
- (ii)  
A forward grip.
- (iii)  
A folding, telescoping, or detachable stock.
- (iv)  
A grenade launcher or rocket launcher.

- (v)  
A barrel shroud.
- (vi)  
A threaded barrel.

(B)  
A semiautomatic rifle that has a fixed magazine with the capacity to accept more than 10 rounds, except for an attached tubular device designed to accept, and capable of operating only with, .22 caliber rimfire ammunition.

(C)  
Any part, combination of parts, component, device, attachment, or accessory that is designed or functions to accelerate the rate of fire of a semiautomatic rifle but not convert the semiautomatic rifle into a machinegun.

(D)  
A semiautomatic pistol that has the capacity to accept a detachable magazine and any 1 of the following:

- (i)  
A threaded barrel.
- (ii)  
A second pistol grip.
- (iii)  
A barrel shroud.
- (iv)  
The capacity to accept a detachable magazine at some location outside of the pistol grip.

(v)  
A semiautomatic version of an automatic firearm.

(E)  
A semiautomatic pistol with a fixed magazine that has the capacity to accept more than 10 rounds.

(F)  
A semiautomatic shotgun that has any 1 of the following:

- (i)  
A folding, telescoping, or detachable stock.
- (ii)  
A pistol grip.
- (iii)  
A fixed magazine with the capacity to accept more than 5 rounds.
- (iv)  
The ability to accept a detachable magazine.

- (v)  
A forward grip.
- (vi)  
A grenade launcher or rocket launcher.

(G)

Any shotgun with a revolving cylinder.

(H)

All of the following rifles, copies, duplicates, variants, or altered facsimiles with the capability of any such weapon thereof:

(i)

All AK types, including the following:

(I)

AK, AK47, AK47S, AK-74, AKM, AKS, ARM, MAK90, MISR, NHM90, NHM91, Rock River Arms LAR-47, SA85, SA93, Vector Arms AK-47, VEPR, WASR-10, and WUM.

(II)

IZHMASH Saiga AK.

(III)

MAADI AK47 and ARM.

(IV)

Norinco 56S, 56S2, 84S, and 86S.

(V)

Poly Technologies AK47 and AKS.

(ii)

All AR types, including the following:

(I)

AR-10.

(II)

AR-15.

(III)

Alexander Arms Overmatch Plus 16.

(IV)

Armalite M15 22LR Carbine.

(V)

Armalite M15-T.

(VI)

Barrett REC7.

(VII)

Beretta AR-70.

(VIII)

Black Rain Ordnance Recon Scout.

(IX)

Bushmaster ACR.

(X)

Bushmaster Carbon 15.

(XI)

Bushmaster MOE series.

(XII)

Bushmaster XM15.

(XIII)

Chiappa Firearms MFour rifles.

(XIV)

Colt Match Target rifles.

(XV)

CORE Rifle Systems CORE15 rifles.

(XVI)

Daniel Defense M4A1 rifles.

(XVII)

Devil Dog Arms 15 Series rifles.  
(XVIII)  
Diamondback DB15 rifles.  
(XIX)  
DoubleStar AR rifles.  
(XX)  
DPMS Tactical rifles.  
(XXI)  
DSA Inc. ZM-4 Carbine.  
(XXII)  
Heckler & Koch MR556.  
(XXIII)  
High Standard HSA-15 rifles.  
(XXIV)  
Jesse James Nomad AR-15 rifle.  
(XXV)  
Knight's Armament SR-15  
(XXVI)  
Lancer L15 rifles.  
(XXVII)  
MGI Hydra Series rifles.  
(XXVIII)  
Mossberg MMR Tactical rifles.  
(XXIX)  
Noreen Firearms BN 36 rifle.  
(XXX)  
Olympic Arms.  
(XXXI)  
POF USA P415.  
(XXXII)  
Precision Firearms AR rifles.  
(XXXIII)  
Remington R-15 rifles.  
(XXXIV)  
Rhino Arms AR rifles.  
(XXXV)  
Rock River Arms LAR-15.  
(XXXVI)  
Sig Sauer SIG516 rifles and MCX rifles.  
(XXXVII)  
SKS with a detachable magazine.  
(XXXVIII)  
Smith & Wesson M&P15 rifles.  
(XXXIX)  
Stag Arms AR rifles.  
(XL)  
Sturm, Ruger & Co. SR556 and AR-556 rifles.  
(XLI)  
Uselton Arms Air-Lite M-4 rifles.  
(XLII)  
Windham Weaponry AR rifles.  
(XLIII)

WMD Guns Big Beast.

(XLIV)

Yankee Hill Machine Company, Inc. YHM-15 rifles.

(iii)

Barrett M107A1.

(iv)

Barrett M82A1.

(v)

Beretta CX4 Storm.

(vi)

Calico Liberty Series.

(vii)

CETME Sporter.

(viii)

Daewoo K-1, K-2, Max 1, Max 2, AR 100, and AR 110C.

(ix)

Fabrique Nationale/FN Herstal FAL, LAR, 22 FNC, 308 Match, L1A1 Sporter, PS90, SCAR, and FS2000.

(x)

Feather Industries AT-9.

(xi)

Galil Model AR and Model ARM.

(xii)

Hi-Point Carbine.

(xiii)

HK-91, HK-93, HK-94, HK-PSG-1, and HK USC.

(xiv)

IWI TAVOR, Galil ACE rifle.

(xv)

Kel-Tec Sub-2000, SU-16, and RFB.

(xvi)

SIG AMT, SIG PE-57, Sig Sauer SG 550, Sig Sauer SG 551, and SIG MCX.

(xvii)

Springfield Armory SAR-48.

(xviii)

Steyr AUG.

(xix)

Sturm, Ruger & Co. Mini-14 Tactical Rifle M-14/20CF.

(xx)

All Thompson rifles, including the following:

(I)

Thompson M1SB.

(II)

Thompson T1100D.

(III)

Thompson T150D.

(IV)

Thompson T1B.

(V)

Thompson T1B100D.

(VI)

Thompson T1B50D.

(VII)

Thompson T1BSB.

(VIII)

Thompson T1-C.

(IX)

Thompson T1D.

(X)

Thompson T1SB.

(XI)

Thompson T5.

(XII)

Thompson T5100D.

(XIII)

Thompson TM1.

(XIV)

Thompson TM1C.

(xxi)

UMAREX UZI rifle.

(xxii)

UZI Mini Carbine, UZI Model A Carbine, and UZI Model B Carbine.

(xxiii)

Valmet M62S, M71S, and M78.

(xxiv)

Vector Arms UZI Type.

(xxv)

Weaver Arms Nighthawk.

(xxvi)

Wilkinson Arms Linda Carbine.

(I)

All of the following pistols, copies, duplicates, variants, or altered facsimiles with the capability of any such weapon thereof:

(i)

All AK-47 types, including the following:

(I)

Centurion 39 AK pistol.

(II)

CZ Scorpion pistol.

(III)

Draco AK-47 pistol.

(IV)

HCR AK-47 pistol.

(V)

IO Inc. Hellpup AK-47 pistol.

(VI)

Krinkov pistol.

(VII)

Mini Draco AK-47 pistol.

(VIII)

PAP M92 pistol.

(IX)

Yugo Krebs Krink pistol.

(ii)

All AR-15 types, including the following:

- (I)  
American Spirit AR–15 pistol.
- (II)  
Bushmaster Carbon 15 pistol.
- (III)  
Chiappa Firearms M4 Pistol GEN II.
- (IV)  
CORE Rifle Systems CORE15 Roscoe pistol.
- (V)  
Daniel Defense MK18 pistol.
- (VI)  
DoubleStar Corporation AR pistol.
- (VII)  
DPMS AR–15 pistol.
- (VIII)  
Jesse James Nomad AR–15 pistol.
- (IX)  
Olympic Arms AR–15 pistol.
- (X)  
Osprey Armament MK–18 pistol.
- (XI)  
POF USA AR pistols.
- (XII)  
Rock River Arms LAR 15 pistol.
- (XIII)  
Usselton Arms Air-Lite M–4 pistol.
- (iii)  
Calico Liberty pistols.
- (iv)  
DSA SA58 PKP FAL pistol.
- (v)  
Encom MP–9 and MP–45.
- (vi)  
Heckler & Koch model SP–89 pistol.
- (vii)  
Intratec AB–10, TEC–22 Scorpion, TEC–9, and TEC–DC9.
- (viii)  
IWI Galil Ace pistol, UZI PRO pistol.
- (ix)  
Kel-Tec PLR 16 pistol.
- (x)  
The following MAC types:
  - (I)  
MAC–10.
  - (II)  
MAC–11.
  - (III)  
Masterpiece Arms MPA A930 Mini Pistol, MPA460 Pistol, MPA Tactical Pistol, and MPA Mini Tactical Pistol.
  - (IV)  
Military Armament Corp. Ingram M–11.
  - (V)

Velocity Arms VMAC.

(xi)

Sig Sauer P556 pistol.

(xii)

Sites Spectre.

(xiii)

All Thompson types, including the following:

(I)

Thompson TA510D.

(II)

Thompson TA5.

(xiv)

All UZI types, including Micro-UZI.

(J)

All of the following shotguns, copies, duplicates, variants, or altered facsimiles with the capability of any such weapon thereof:

(i)

DERYA Anakon MC-1980, Anakon SD12.

(ii)

Doruk Lethal shotguns.

(iii)

Franchi LAW-12 and SPAS 12.

(iv)

All IZHMASH Saiga 12 types, including the following:

(I)

IZHMASH Saiga 12.

(II)

IZHMASH Saiga 12S.

(III)

IZHMASH Saiga 12S EXP-01.

(IV)

IZHMASH Saiga 12K.

(V)

IZHMASH Saiga 12K-030.

(VI)

IZHMASH Saiga 12K-040 Taktika.

(v)

Streetsweeper.

(vi)

Striker 12.

(K)

All belt-fed semiautomatic firearms, including TNW M2HB and FN M2495.

(L)

Any combination of parts from which a firearm described in subparagraphs (A) through (K) can be assembled.

(M)

The frame or receiver of a rifle or shotgun described in subparagraph (A), (B), (C), (F), (G), (H), (J), or (K).

(37)

The term large capacity ammunition feeding device—

(A)

means a magazine, belt, drum, feed strip, or similar device, including any such device joined or coupled with another in any manner, that has an overall capacity of, or that can be readily restored, changed, or converted to accept, more than 10 rounds of ammunition; and

(B)  
does not include an attached tubular device designed to accept, and capable of operating only with, .22 caliber rimfire ammunition.

(b)  
Related definitions

Section 921(a) of title 18, United States Code, as amended by this Act, is amended by adding at the end the following:

(38)  
The term barrel shroud—

(A)  
means a shroud that is attached to, or partially or completely encircles, the barrel of a firearm so that the shroud protects the user of the firearm from heat generated by the barrel; and

(B)  
does not include—

(i)  
a slide that partially or completely encloses the barrel; or

(ii)  
an extension of the stock along the bottom of the barrel which does not encircle or substantially encircle the barrel.

(39)  
The term detachable magazine means an ammunition feeding device that can be removed from a firearm without disassembly of the firearm action.

(40)  
The term fixed magazine means an ammunition feeding device that is permanently fixed to the firearm in such a manner that it cannot be removed without disassembly of the firearm.

(41)  
The term folding, telescoping, or detachable stock means a stock that folds, telescopes, detaches or otherwise operates to reduce the length, size, or any other dimension, or otherwise enhances the concealability, of a firearm.

(42)  
The term forward grip means a grip located forward of the trigger that functions as a pistol grip.

(43)  
The term rocket means any simple or complex tubelike device containing combustibles that on being ignited liberate gases whose action propels the tube through the air and has a propellant charge of not more than 4 ounces.

(44)  
The term grenade launcher or rocket launcher means an attachment for use on a firearm that is designed to propel a grenade, rocket, or other similar destructive device.

(45)  
The term permanently inoperable means a firearm which is incapable of discharging a shot by means of an explosive and incapable of being readily restored to a firing condition.

(46)  
The term pistol grip means a grip, a thumbhole stock, or any other characteristic that can function as a grip.

(47)  
The term threaded barrel means a feature or characteristic that is designed in such a manner to allow for the attachment of a device such as a firearm silencer or a flash suppressor.

(48)  
The term qualified law enforcement officer has the meaning given the term in section 926B.

(49)

The term grandfathered semiautomatic assault weapon means any semiautomatic assault weapon the importation, possession, sale, or transfer of which would be unlawful under section 922(v) but for the exception under paragraph (2) of such section.

(50)

The term belt-fed semiautomatic firearm means any repeating firearm that—

(A)

utilizes a portion of the energy of a firing cartridge to extract the fired cartridge case and chamber the next round;

(B)

requires a separate pull of the trigger to fire each cartridge; and

(C)

has the capacity to accept a belt ammunition feeding device.

.

3.

Restrictions on assault weapons and large capacity ammunition feeding devices

(a)

In general

Section 922 of title 18, United States Code, is amended—

(1)

by inserting after subsection (u) the following:

(v)(1)

It shall be unlawful for a person to import, sell, manufacture, transfer, or possess, in or affecting interstate or foreign commerce, a semiautomatic assault weapon.

(2)

Paragraph (1) shall not apply to the possession, sale, or transfer of any semiautomatic assault weapon otherwise lawfully possessed under Federal law on the date of enactment of the Assault Weapons Ban of 2017.

(3)

Paragraph (1) shall not apply to any firearm that—

(A)

is manually operated by bolt, pump, lever, or slide action;

(B)

has been rendered permanently inoperable; or

(C)

is an antique firearm, as defined in section 921 of this title.

(4)

Paragraph (1) shall not apply to—

(A)

the importation for, manufacture for, sale to, transfer to, or possession by the United States or a department or agency of the United States or a State or a department, agency, or political subdivision of a State, or a sale or transfer to or possession by a qualified law enforcement officer employed by the United States or a department or agency of the United States or a State or a department, agency, or political subdivision of a State, for purposes of law enforcement (whether on or off duty), or a sale or transfer to or possession by a campus law enforcement officer for purposes of law enforcement (whether on or off duty);

(B)

the importation for, or sale or transfer to a licensee under title I of the Atomic Energy Act of 1954 for purposes of establishing and maintaining an on-site physical protection system and security organization required by Federal law, or possession by an employee or contractor of such licensee on-site for such purposes or off-site for purposes of licensee-authorized training or transportation of nuclear materials;

(C)

the possession, by an individual who is retired in good standing from service with a law enforcement agency and is not otherwise prohibited from receiving a firearm, of a semiautomatic assault weapon—

(i)

sold or transferred to the individual by the agency upon such retirement; or

(ii)

that the individual purchased, or otherwise obtained, for official use before such retirement;

(D)

the importation, sale, manufacture, transfer, or possession of a semiautomatic assault weapon by a licensed manufacturer or licensed importer for the purposes of testing or experimentation authorized by the Attorney General; or

(E)

the importation, sale, manufacture, transfer, or possession of a firearm specified in Appendix A to this section, as such firearm was manufactured on the date of introduction of the Assault Weapons Ban of 2017.

(5)

For purposes of paragraph (4)(A), the term campus law enforcement officer means an individual who is—

(A)

employed by a private institution of higher education that is eligible for funding under title IV of the Higher Education Act of 1965 (20 U.S.C. 1070 et seq.);

(B)

responsible for the prevention or investigation of crime involving injury to persons or property, including apprehension or detention of persons for such crimes;

(C)

authorized by Federal, State, or local law to carry a firearm, execute search warrants, and make arrests; and

(D)

recognized, commissioned, or certified by a government entity as a law enforcement officer.

(6)

The Attorney General shall establish and maintain, in a timely manner, a record of the make, model, and, if available, date of manufacture of any semiautomatic assault weapon which the Attorney General is made aware has been used in relation to a crime under Federal or State law, and the nature and circumstances of the crime involved, including the outcome of relevant criminal investigations and proceedings. The Attorney General shall annually submit a copy of the record established under this paragraph to the Congress and make the record available to the general public.

(w)(1)

It shall be unlawful for a person to import, sell, manufacture, transfer, or possess, in or affecting interstate or foreign commerce, a large capacity ammunition feeding device.

(2)

Paragraph (1) shall not apply to the possession of any large capacity ammunition feeding device otherwise lawfully possessed on or before the date of enactment of the Assault Weapons Ban of 2017.

(3)

Paragraph (1) shall not apply to—

(A)

the importation for, manufacture for, sale to, transfer to, or possession by the United States or a department or agency of the United States or a State or a department, agency, or political subdivision of a State, or a sale or transfer to or possession by a qualified law enforcement officer employed by the United States or a department or agency of the United States or a State or a department, agency, or political subdivision of a State for purposes of law enforcement (whether on or off duty), or a sale or transfer to or possession by a campus law enforcement officer for purposes of law enforcement (whether on or off duty);

(B)

the importation for, or sale or transfer to a licensee under title I of the Atomic Energy Act of 1954 for purposes of establishing and maintaining an on-site physical protection system and security organization required by Federal law, or possession by an employee or contractor of such licensee on-site for such purposes or off-site for purposes of licensee-authorized training or transportation of nuclear materials;

(C)

the possession, by an individual who is retired in good standing from service with a law enforcement agency and is not otherwise prohibited from receiving ammunition, of a large capacity ammunition feeding device—

(i) sold or transferred to the individual by the agency upon such retirement; or  
(ii) that the individual purchased, or otherwise obtained, for official use before such retirement; or  
(D) the importation, sale, manufacture, transfer, or possession of any large capacity ammunition feeding device by a licensed manufacturer or licensed importer for the purposes of testing or experimentation authorized by the Attorney General.

(4) For purposes of paragraph (3)(A), the term campus law enforcement officer means an individual who is—  
(A) employed by a private institution of higher education that is eligible for funding under title IV of the Higher Education Act of 1965 (20 U.S.C. 1070 et seq.);

(B) responsible for the prevention or investigation of crime involving injury to persons or property, including apprehension or detention of persons for such crimes;

(C) authorized by Federal, State, or local law to carry a firearm, execute search warrants, and make arrests; and

(D) recognized, commissioned, or certified by a government entity as a law enforcement officer.  
; and

(2) by adding at the end the following:

(aa) Secure storage or safety device requirement for grandfathered semiautomatic assault weapons  
It shall be unlawful for any person, other than a licensed importer, licensed manufacturer, or licensed dealer, to store or keep under the dominion or control of that person any grandfathered semiautomatic assault weapon that the person knows, or has reasonable cause to believe, will be accessible to an individual prohibited from receiving or possessing a firearm under subsection (g), (n), or (x), or any provision of State law, unless the grandfathered semiautomatic assault weapon is—

(1) carried on the person, or within such close proximity that the person can readily retrieve and use the grandfathered semiautomatic assault weapon as if the grandfathered semiautomatic assault weapon were carried on the person; or

(2) locked by a secure gun storage or safety device that the prohibited individual has no ability to access.

(b) Identification markings for semiautomatic assault weapons  
Section 923(i) of title 18, United States Code, is amended by adding at the end the following: The serial number of any semiautomatic assault weapon manufactured after the date of enactment of the Assault Weapons Ban of 2017 shall clearly show the date on which the weapon was manufactured or made, legibly and conspicuously engraved or cast on the weapon, and such other identification as the Attorney General shall by regulations prescribe..

(c) Identification markings for large capacity ammunition feeding devices  
Section 923(i) of title 18, United States Code, as amended by this Act, is amended by adding at the end the following: A large capacity ammunition feeding device manufactured after the date of enactment of the Assault Weapons Ban of 2017 shall be identified by a serial number and the date on which the device was manufactured or made, legibly and conspicuously engraved or cast on the device, and such other identification as the Attorney General shall by regulations prescribe..

(d)

Seizure and forfeiture of large capacity ammunition feeding devices  
Subsection (d) of section 924 of title 18, United States Code, is amended—

- (1)  
in paragraph (1)—
  - (A)  
by inserting or large capacity ammunition feeding device after firearm or ammunition each time it appears;
  - (B)  
by inserting or large capacity ammunition feeding device after firearms or ammunition each time it appears; and
  - (C)  
by striking or (k) and inserting (k), (r), (v), or (w);
- (2)  
in paragraph (2)—
  - (A)  
in subparagraph (C), by inserting or large capacity ammunition feeding devices after firearms or quantities of ammunition; and
  - (3)  
in paragraph (3)—
    - (A)  
in subparagraph (E), by inserting 922(r), 922(v), 922(w), after 922(n),.
    - (e)

#### Appendix A

Section 922 of title 18, United States Code, is amended by adding at the end the following:

Appendix A—Firearms exempted by the Assault Weapons Ban of 2017

Centerfire Rifles—Autoloaders

Benelli R1 Rifle

Browning BAR Mark II Safari Magnum Rifle

Browning BAR Mark II Safari Semi-Auto Rifle

Browning BAR Stalker Rifles

Browning High-Power Rifle

Browning Longtrac Rifle

Browning Shorttrac Rifle

Heckler & Koch HK630

Heckler & Koch HK770

Heckler & Koch HK940

Heckler & Koch Model 300 Rifle

Heckler & Koch SL7 Rifle

Iver Johnson 50th Anniversary M–1 Carbine (w/o folding stock)

Iver Johnson M–1 Carbine (w/o folding stock)

M–1 Carbines with standard fixed stock

M–1 Garand with fixed 8 round capacity and standard stock

Marlin Model 9 Camp Carbine

Marlin Model 45 Carbine

Remington Model 74

Remington Model 81

Remington Model 740

Remington Model 742

Remington Model 750 Synthetic

Remington Model 750 Woodmaster

Remington Model 7400 Rifle

Remington Model 7400 Special Purpose Auto Rifle

Remington Nylon 66 Auto-Loading Rifle

Ruger Mini 30

Ruger Mini-14 (w/o folding or telescoping stock or pistol grip)  
Ruger PC4  
Ruger PC9  
SKS type rifles with fixed 10 round magazine and standard fixed stock  
Winchester Model SXR  
Centerfire Rifles—Lever & Slide  
Action Arms Timber Wolf Pump Action  
Beretta 1873 Renegade Lever Action  
Beretta Gold Rush Slide Action  
Big Horn Armory Model 89  
Browning BLR Model 181 Lever Action, All Models  
Browning BPR Pump Rifle  
Browning Model 53 Lever Action  
Browning Model 65 Grade 1 Lever Action Rifle  
Browning Model 71 Rifle and Carbine  
Browning Model 81 BLR  
Browning Model 81 BLR Lever-Action Rifle  
Browning Model 81 Long Action BLR  
Browning Model 1886 High Grade Carbine  
Browning Model 1886 Lever-Action Carbine  
Browning Model B-92 Carbine  
Charles Daly Model 1892 Lever Action, All Models  
Chiappa 1886 Lever Action Rifles  
Cimarron 1860 Henry Replica  
Cimarron 1866 Winchester Replicas  
Cimarron 1873 30" Express Rifle  
Cimarron 1873 Short Rifle  
Cimarron 1873 Sporting Rifle  
Cimarron 1873 Winchester Replicas  
Dixie Engraved 1873 Rifle  
Dixie Lightning Rifle and Carbines  
E.M.F. 1860 Henry Rifle  
E.M.F. 1866 Yellowboy Lever Actions  
E.M.F. Model 73 Lever-Action Rifle  
E.M.F. Model 1873 Lever Actions  
Henry .30/30 Lever Action Carbine  
Henry Big Boy .357 Magnum  
Henry Big Boy .44 Magnum  
Henry Big Boy .45 Colt  
Henry Big Boy Deluxe Engraved .44 Magnum  
Henry Big Boy Deluxe Engraved .45 Colt  
Marlin Model 30AS Lever-Action Carbine  
Marlin Model 62 Lever Action  
Marlin Model 93 Lever Action  
Marlin Model 308MX  
Marlin Model 308MXLR  
Marlin Model 336 Deluxe  
Marlin Model 336C  
Marlin Model 336CS Lever-Action Carbine  
Marlin Model 336DL Lever Action  
Marlin Model 336SS  
Marlin Model 336W

Marlin Model 336XLR  
Marlin Model 338MX  
Marlin Model 338MXLR  
Marlin Model 444  
Marlin Model 444 Lever-Action  
Marlin Model 444XLR  
Marlin Model 1894 Marlin Model 1894 Cowboy  
Marlin Model 1894 Lever Action, All Models  
Marlin Model 1894C  
Marlin Model 1894CL Classic  
Marlin Model 1894CS Carbine  
Marlin Model 1894S Lever-Action Carbine  
Marlin Model 1894SS  
Marlin Model 1895  
Marlin Model 1895 Cowboy  
Marlin Model 1895 Lever Action, All Models  
Marlin Model 1895G  
Marlin Model 1895GS  
Marlin Model 1895M  
Marlin Model 1895MXLR  
Marlin Model 1895SBL  
Marlin Model 1895SS Lever-Action Rifle  
Marlin Model 1895XLR  
Marlin XLR Lever Action Rifles  
Mitchell 1858 Henry Replica  
Mitchell 1866 Winchester Replica  
Mitchell 1873 Winchester Replica  
Mossberg 464 Lever Action Rifle  
Mossberg Model 472 Lever Action  
Mossberg Model 479 Lever Action  
Navy Arms 1866 Yellowboy Rifle  
Navy Arms 1873 Sporting Rifle  
Navy Arms 1873 Winchester-Style Rifle  
Navy Arms 1892 Short Rifle  
Navy Arms Henry Carbine  
Navy Arms Henry Trapper  
Navy Arms Iron Frame Henry  
Navy Arms Military Henry Rifle  
Puma Bounty Hunter Rifle  
Puma Model 92 Rifles & Carbines  
Remington 7600 Slide Action  
Remington Model 6 Pump Action  
Remington Model 14, 141/2 Pump Actions  
Remington Model 141 Pump Action  
Remington Model 760 Slide Actions  
Remington Model 7600 Special Purpose Slide Action  
Remington Model 7600 Synthetic  
Remington Model 7615 Camo Hunter  
Remington Model 7615 Ranch Carbine  
Remington Model 7615 SPS  
Rossi M92 SRC Saddle-Ring Carbine  
Rossi M92 SRS Short Carbine

Rossi R92 Lever Action Carbines  
Ruger Model 96/44 Lever Action  
Savage 99C Lever-Action Rifle  
Savage Model 170 Pump Action  
Taurus Thunderbolt Pump Action  
Taylor's & CO., Inc. 1865 Spencer Carbine/Rifle  
Taylor's & CO., Inc. 1892 Carbine/Rifle  
U.S. Fire Arms Standard Lightning Magazine Rifle  
Uberti 1866 Sporting Rifle Uberti 1873 Sporting Rifle  
Uberti 1876 Rifle  
Uberti 1883 Burgess Lever Action Rifle/Carbine  
Uberti Henry Rifle  
Uberti Lightning Rifle/Carbine  
Winchester Lever Actions, All Other Center Fire Models  
Winchester Model 94 Big Bore Side Eject  
Winchester Model 94 Ranger Side Eject Lever-Action Rifle  
Winchester Model 94 Side Eject Lever-Action Rifle  
Winchester Model 94 Trapper Side Eject  
Winchester Model 94 Wrangler Side Eject  
Winchester Model 1895 Safari Centennial  
Centerfire Rifles—Bolt Action  
Accurate Arms Raptor & Backpack Bolt Action Rifles  
Alpine Bolt-Action Rifle  
Anschutz 1700D Bavarian Bolt-Action Rifle  
Anschutz 1700D Classic Rifles  
Anschutz 1700D Custom Rifles  
Anschutz 1733D Mannlicher Rifle  
Arnold Arms African Safari & Alaskan Trophy Rifles  
A-Square Caesar Bolt-Action Rifle  
A-Square Genghis Khan Bolt Action Rifle  
A-Square Hamilcar Bolt Action Rifle  
A-Square Hannibal Bolt-Action Rifle  
Auguste Francotte Bolt-Action Rifles  
Bansners Ultimate Bolt Action Rifles  
Beeman/HW 60J Bolt-Action Rifle  
Benton & Brown Firearms, Inc. Model 93 Bolt Action Rifle  
Blackheart International BBG Hunter Bolt Action  
Blackheart International LLC BBG Light Sniper Bolt Action  
Blaser R8 Professional  
Blaser R84 Bolt-Action Rifle  
Blaser R93 Bolt Action Rifle  
BRNO 537 Sporter Bolt-Action Rifle  
BRNO ZKB 527 Fox Bolt-Action Rifle  
BRNO ZKK 600, 601, 602 Bolt-Action Rifles  
Brown Precision Company Bolt Action Sporter  
Browning A-Bolt Gold Medallion  
Browning A-Bolt Left Hand  
Browning A-Bolt Micro Medallion  
Browning A-Bolt Rifle  
Browning A-Bolt Short Action  
Browning A-Bolt Stainless Stalker  
Browning Euro-Bolt Rifle

Browning High-Power Bolt Action Rifle  
Browning X-Bolt Bolt Action Rifle  
Carbon One Bolt Action Rifle  
Carl Gustaf 2000 Bolt-Action Rifle Century  
Centurion 14 Sporter  
Century Enfield Sporter #4  
Century M70 Sporter  
Century Mauser 98 Sporter  
Century Swedish Sporter #38  
Cheytac M-200  
Cheytac M70 Sporter  
Cooper Model 21 Bolt Action Rifle  
Cooper Model 22 Bolt Action Rifle  
Cooper Model 38 Centerfire Sporter  
Cooper Model 56 Bolt Action Rifle  
CZ 527 Bolt Action Rifles  
CZ 550 Bolt Action Rifles  
CZ 750 Sniper Rifle  
Dakota 22 Sporter Bolt-Action Rifle  
Dakota 76 Classic Bolt-Action Rifle  
Dakota 76 Safari Bolt-Action Rifle  
Dakota 76 Short Action Rifles  
Dakota 97 Bolt Action Rifle  
Dakota 416 Rigby African  
Dakota Predator Rifle  
DSA DS-MP1 Bolt Action Rifle  
E.A.A./Sabatti Rover 870 Bolt-Action Rifle  
EAA/Zastava M-93 Black Arrow Rifle  
Ed Brown Hunting and Model 704 Bolt Action Rifles  
Heym Bolt Action Rifles  
Heym Magnum Express Series Rifle  
Howa Bolt Action Rifles  
Howa Lightning Bolt-Action Rifle  
Howa Realtree Camo Rifle  
H-S Precision Bolt Action Rifles  
Interarms Mark X Bolt Action Rifles  
Interarms Mark X Viscount Bolt-Action Rifle  
Interarms Mark X Whitworth Bolt-Action Rifle  
Interarms Mini-Mark X Rifle  
Interarms Whitworth Express Rifle  
Iver Johnson Model 5100A1 Long-Range Rifle  
KDF K15 American Bolt-Action Rifle  
Kenny Jarrett Bolt Action Rifle  
Kimber Bolt Action Rifles  
Krico Model 600 Bolt-Action Rifle  
Krico Model 700 Bolt-Action Rifles  
Magnum Research Mount Eagle Rifles  
Marlin Model XL7  
Marlin Model XL7C  
Marlin Model XL7L  
Marlin Model XL7W  
Marlin Model XS7

Marlin Model XS7C  
Marlin Model XS7Y  
Marlin XL-7/XS7 Bolt Action Rifles  
Mauser Model 66 Bolt-Action Rifle  
Mauser Model 99 Bolt-Action Rifle  
McMillan Classic Stainless Sporter  
McMillan Signature Alaskan  
McMillan Signature Classic Sporter  
McMillan Signature Super Varminter  
McMillan Signature Titanium Mountain Rifle  
McMillan Talon Safari Rifle  
McMillan Talon Sporter Rifle  
Merkel KR1 Bolt Action Rifle  
Midland 1500S Survivor Rifle  
Mossberg Model 100 ATR (All-Terrain Rifle)  
Navy Arms TU-33/40 Carbine  
Nosler Model 48 Varmint Rifle  
Parker Hale Bolt Action Rifles  
Parker-Hale Model 81 Classic African Rifle  
Parker-Hale Model 81 Classic Rifle  
Parker-Hale Model 1000 Rifle  
Parker-Hale Model 1100 Lightweight Rifle  
Parker-Hale Model 1100M African Magnum  
Parker-Hale Model 1200 Super Clip Rifle  
Parker-Hale Model 1200 Super Rifle  
Parker-Hale Model 1300C Scout Rifle  
Parker-Hale Model 2100 Midland Rifle  
Parker-Hale Model 2700 Lightweight Rifle  
Parker-Hale Model 2800 Midland Rifle  
Remington 700 ADL Bolt-Action Rifle  
Remington 700 BDL Bolt-Action Rifle  
Remington 700 BDL European Bolt-Action Rifle  
Remington 700 BDL Left Hand  
Remington 700 BDL SS Rifle  
Remington 700 BDL Varmint Special  
Remington 700 Camo Synthetic Rifle  
Remington 700 Classic Rifle  
Remington 700 Custom KS Mountain Rifle  
Remington 700 Mountain Rifle  
Remington 700 MTRSS Rifle  
Remington 700 Safari  
Remington 700 Stainless Synthetic Rifle  
Remington 700 Varmint Synthetic Rifle  
Remington Model 40-X Bolt Action Rifles  
Remington Model 700 Alaskan Ti  
Remington Model 700 Bolt Action Rifles  
Remington Model 700 CDL  
Remington Model 700 CDL Boone and Crockett  
Remington Model 700 CDL Left-Hand  
Remington Model 700 CDL SF Limited Edition  
Remington Model 700 LSS  
Remington Model 700 Mountain LSS

Remington Model 700 Sendero SF II  
Remington Model 700 SPS  
Remington Model 700 SPS Buckmasters Edition  
Remington Model 700 SPS Buckmasters Edition 'Young Bucks' Youth  
Remington Model 700 SPS Stainless  
Remington Model 700 SPS Tactical Rifle  
Remington Model 700 SPS Varmint  
Remington Model 700 SPS Varmint (Left-Hand)  
Remington Model 700 SPS Youth Synthetic Left-Hand  
Remington Model 700 VL SS Thumbhole  
Remington Model 700 VLS  
Remington Model 700 VS SF II  
Remington Model 700 VTR  
Remington Model 700 XCR  
Remington Model 700 XCR Camo  
Remington Model 700 XCR Compact Tactical Rifle  
Remington Model 700 XCR Left-Hand  
Remington Model 700 XCR Tactical Long Range Rifle  
Remington Model 715  
Remington Model 770  
Remington Model 770 Bolt Action Rifles  
Remington Model 770 Stainless Camo  
Remington Model 770 Youth  
Remington Model 798  
Remington Model 798 Safari  
Remington Model 798 SPS  
Remington Model 799  
Remington Model Seven 25th Anniversary  
Remington Model Seven Bolt Action Rifles  
Remington Model Seven CDL  
Remington Model Seven Custom KS  
Remington Model Seven Custom MS Rifle  
Remington Model Seven Predator  
Remington Model Seven Youth Rifle  
Ruger M77 Hawkeye African  
Ruger M77 Hawkeye Alaskan  
Ruger M77 Hawkeye All-Weather  
Ruger M77 Hawkeye All-Weather Ultra Light  
Ruger M77 Hawkeye Compact  
Ruger M77 Hawkeye International  
Ruger M77 Hawkeye Laminate Compact  
Ruger M77 Hawkeye Laminate Left-Handed  
Ruger M77 Hawkeye Predator  
Ruger M77 Hawkeye Sporter  
Ruger M77 Hawkeye Standard  
Ruger M77 Hawkeye Standard Left-Handed  
Ruger M77 Hawkeye Tactical  
Ruger M77 Hawkeye Ultra Light  
Ruger M77 Mark II All-Weather Stainless Rifle  
Ruger M77 Mark II Express Rifle  
Ruger M77 Mark II Magnum Rifle  
Ruger M77 Mark II Rifle

Ruger M77 Mark II Target Rifle  
Ruger M77 RSI International Carbine  
Ruger M77  
Ruger Compact Magnum  
Ruger M77RL Ultra Light  
Ruger M77VT Target Rifle  
Ruger Model 77 Bolt Action Rifles  
Sako Bolt Action Rifles  
Sako Classic Bolt Action  
Sako Deluxe Lightweight  
Sako FiberClass Sporter  
Sako Hunter Left-Hand Rifle  
Sako Hunter LS Rifle Sako Hunter Rifle  
Sako Mannlicher-Style Carbine  
Sako Safari Grade Bolt Action  
Sako Super Deluxe Sporter  
Sako TRG-S Bolt-Action Rifle  
Sako Varmint Heavy Barrel  
Sauer 90 Bolt-Action Rifle  
Savage 16/116 Rifles  
Savage 110 Bolt Action Rifles  
Savage 110CY Youth/Ladies Rifle  
Savage 110F Bolt-Action Rifle  
Savage 110FP Police Rifle  
Savage 110FXP3 Bolt-Action Rifle  
Savage 110G Bolt-Action Rifle  
Savage 110GV Varmint Rifle  
Savage 110GXP3 Bolt-Action Rifle  
Savage 110WLE One of One Thousand Limited Edition Rifle  
Savage 112 Bolt Action Rifles  
Savage 112FV Varmint Rifle  
Savage 116 Bolt Action Rifles  
Savage 116FSS Bolt-Action Rifle  
Savage Axis Series Bolt Action Rifles  
Savage Model 10 Bolt Action Rifles  
Savage Model 10GXP Package Guns  
Savage Model 11/111 Series Bolt Action Rifles  
Savage Model 12 Series Rifles  
Savage Model 14/114 Rifles  
Savage Model 25 Bolt Action Rifles  
Savage Model 110GXP3 Package Guns  
Savage Model 112BV Heavy Barrel Varmint Rifle  
Savage Model 112FVS Varmint Rifle  
Savage Model 116FSK Kodiak Rifle  
Shilen Rifles Inc. DGA Bolt Action Rifles  
Smith & Wesson i-Bolt Rifle  
Steyr Scout Bolt Action Rifle  
Steyr SSG 69 PII Bolt Action Rifle  
Steyr SSG08 Bolt Action Rifle  
Steyr-Mannlicher Luxus Model L, M, S  
Steyr-Mannlicher Model M Professional Rifle  
Steyr-Mannlicher Sporter Models SL, L, M, S, S/T

Thompson/Center ICON Bolt Action Rifles  
Thompson/Center Icon Classic Long Action Rifle  
Thompson/Center Icon Medium Action Rifle  
Thompson/Center Icon Precision Hunter  
Thompson/Center Icon Weather Shield Long Action Rifle  
Thompson/Center Icon Weather Shield Medium Action Rifle  
Thompson/Center Venture  
Tikka Bolt-Action Rifle  
Tikka Premium Grade Rifles  
Tikka T3 Bolt Action Rifles  
Tikka Varmint/Continental Rifle  
Tikka Whitetail/Battue Rifle  
Ultra Light Arms Model 20 Rifle  
Ultra Light Arms Model 24  
Ultra Light Arms Model 28, Model 40 Rifles  
Voere Model 2155, 2150 Bolt-Action Rifles  
Voere Model 2165 Bolt-Action Rifle  
Voere VEC 91 Lightning Bolt-Action Rifle  
Weatherby Classicmark No. 1 Rifle  
Weatherby Lasermark V Rifle  
Weatherby Mark V Crown Custom Rifles  
Weatherby Mark V Deluxe Bolt-Action Rifle  
Weatherby Mark V Rifles  
Weatherby Mark V Safari Grade Custom Rifles  
Weatherby Mark V Sporter Rifle  
Weatherby Vanguard Bolt Action Rifles  
Weatherby Vanguard Classic No. 1 Rifle  
Weatherby Vanguard Classic Rifle  
Weatherby Vanguard VGX Deluxe Rifle  
Weatherby Vanguard Weatherguard Rifle  
Weatherby Weatherguard Alaskan Rifle  
Weatherby Weathermark Alaskan Rifle  
Weatherby Weathermark Rifle  
Weatherby Weathermark Rifles  
Wichita Classic Rifle  
Wichita Varmint Rifle  
Winchester Model 70 Bolt Action Rifles  
Winchester Model 70 Custom Sharpshooter  
Winchester Model 70 Custom Sporting Sharpshooter Rifle  
Winchester Model 70 DBM Rifle  
Winchester Model 70 DBM-S Rifle  
Winchester Model 70 Featherweight  
Winchester Model 70 Featherweight Classic  
Winchester Model 70 Featherweight WinTuff  
Winchester Model 70 Lightweight Rifle  
Winchester Model 70 SM Sporter  
Winchester Model 70 Sporter  
Winchester Model 70 Sporter WinTuff  
Winchester Model 70 Stainless Rifle  
Winchester Model 70 Super Express Magnum  
Winchester Model 70 Super Grade  
Winchester Model 70 Synthetic Heavy Varmint Rifle

Winchester Model 70 Varmint  
Winchester Ranger Rifle  
Centerfire Rifles—Single Shot  
Armsport 1866 Sharps Rifle, Carbine  
Ballard Arms Inc. 1875 #3 Gallery Single Shot Rifle  
Ballard Arms Inc. 1875 #4 Perfection Rifle  
Ballard Arms Inc. 1875 #7 Long Range Rifle  
Ballard Arms Inc. 1875 #8 Union Hill rifle  
Ballard Arms Inc. 1875 11/2 Hunter Rifle  
Ballard Arms Inc. 1885 High Wall Sporting Rifle  
Ballard Arms Inc. 1885 Low Wall Single Shot  
Brown Model 97D Single Shot Rifle  
Brown Model One Single Shot Rifle  
Browning Model 1885 Single Shot Rifle  
C. Sharps Arms 1875 Target & Sporting Rifle  
C. Sharps Arms Custom New Model 1877  
C. Sharps Arms New Model 1885 High Wall Rifle  
C.Sharps Arms 1874 Bridgeport Sporting Rifle  
C.Sharps Arms 1875 Classic Sharps  
C.Sharps Arms New Model 1874 Old Reliable  
C.Sharps Arms New Model 1875 Rifle  
C.Sharps Arms New Model 1875 Target & Long Range  
Cabela's 1874 Sharps Sporting  
Cimarron Billy Dixon 1874 Sharps  
Cimarron Model 1885 High Wall  
Cimarron Quigley Model 1874 Sharps  
Cimarron Silhouette Model 1874 Sharps  
Dakota Model 10 Single Shot Rifle  
Dakota Single Shot Rifle  
Desert Industries G-90 Single Shot Rifle  
Dixie Gun Works 1873 Trapdoor Rifle/Carbine  
Dixie Gun Works 1874 Sharps Rifles  
Dixie Gun Works Remington Rolling Block Rifles  
EMF Premier 1874 Sharps  
Harrington & Richardson Buffalo Classic Rifle (CR-1871)  
Harrington & Richardson CR 45-LC  
Harrington & Richardson Handi-Mag Rifle  
Harrington & Richardson Handi-Rifle  
Harrington & Richardson Handi-Rifle Compact  
Harrington & Richardson New England Hand-Rifle/Slug Gun Combos  
Harrington & Richardson Stainless Handi-Rifle  
Harrington & Richardson Stainless Ultra Hunter Thumbhole Stock  
Harrington & Richardson Superlight Handi-Rifle Compact  
Harrington & Richardson Survivor Rifle  
Harrington & Richardson Synthetic Handi-Rifle  
Harrington & Richardson Ultra Hunter Rifle  
Harrington & Richardson Ultra Varmint Fluted  
Harrington & Richardson Ultra Varmint Rifle  
Harrington & Richardson Ultra Varmint Thumbhole Stock  
Krieghoff Hubertus Single Shot  
Meacham High Wall  
Merkel K1 Lightweight Stalking Rifle

Merkel K2 Custom Stalking Rifle  
Model 1885 High Wall Rifle  
Navy Arms #2 Creedmoor Rifle  
Navy Arms 1873 John Bodine Rolling Black Rifle  
Navy Arms 1873 Springfield Cavalry Carbine  
Navy Arms 1874 Sharps Rifles  
Navy Arms 1874 1885 High Wall Rifles  
Navy Arms Rolling Block Buffalo Rifle  
Navy Arms Sharps "Quigley" Rifle  
Navy Arms Sharps Cavalry Carbine  
Navy Arms Sharps Plains Rifle  
New England Firearms Handi-Rifle  
New England Firearms Sportster/Versa Pack Rifle  
New England Firearms Survivor Rifle  
Red Willow Armory Ballard No. 1.5 Hunting Rifle  
Red Willow Armory Ballard No. 4.5 Target Rifle  
Red Willow Armory Ballard No. 5 Pacific  
Red Willow Armory Ballard No. 8 Union Hill Rifle  
Red Willow Armory Ballard Rifles  
Remington Model Rolling Block Rifles  
Remington Model SPR18 Blued  
Remington Model SPR18 Nickel  
Remington Model SPR18 Single Shot Rifle  
Remington-Style Rolling Block Carbine  
Rossi Match Pairs Rifles  
Rossi Single Shot Rifles  
Rossi Wizard  
Ruger No. 1 RSI International  
Ruger No. 1 Stainless Sporter  
Ruger No. 1 Stainless Standard  
Ruger No. 1A Light Sporter  
Ruger No. 1B Single Shot  
Ruger No. 1H Tropical Rifle  
Ruger No. 1S Medium Sporter  
Ruger No. 1V Special Varminter  
Sharps 1874 Old Reliable  
Shiloh 1875 Rifles  
Shiloh Sharps 1874 Business Rifle  
Shiloh Sharps 1874 Long Range Express  
Shiloh Sharps 1874 Military Carbine  
Shiloh Sharps 1874 Military Rifle  
Shiloh Sharps 1874 Montana Roughrider  
Shiloh Sharps Creedmoor Target  
Thompson/Center Contender Carbine  
Thompson/Center Contender Carbine Survival System  
Thompson/Center Contender Carbine Youth Model  
Thompson/Center Encore  
Thompson/Center Stainless Contender Carbine  
Thompson/Center TCR '87 Single Shot Rifle  
Thompson/Encore Rifles  
Traditions 1874 Sharps Deluxe Rifle  
Traditions 1874 Sharps Standard Rifle

Traditions Rolling Block Sporting Rifle  
Uberti (Stoeger Industries) Sharps Rifles  
Uberti 1871 Rolling Block Rifle/Carbine  
Uberti 1874 Sharps Sporting Rifle  
Uberti 1885 High Wall Rifles  
Uberti Rolling Block Baby Carbine  
Uberti Springfield Trapdoor Carbine/Rifle  
Drillings, Combination Guns, Double Rifles  
A. Zoli Rifle-Shotgun O/U Combo  
Auguste Francotte Boxlock Double Rifle  
Auguste Francotte Sidelock Double Rifles  
Baikal IZH-94 Express  
Baikal MP94- (IZH-94) O/U  
Beretta Express SSO O/U Double Rifles  
Beretta Model 455 SxS Express Rifle  
Chapuis RGExpress Double Rifle  
CZ 584 SOLO Combination Gun  
CZ 589 Stopper O/U Gun  
Dakota Double Rifle  
Garbi Express Double Rifle  
Harrington & Richardson Survivor  
Harrington & Richardson Synthetic Handi-Rifle/Slug Gun Combo  
Heym Model 55B O/U Double Rifle  
Heym Model 55FW O/U Combo Gun  
Heym Model 88b Side-by-Side Double Rifle  
Hoenig Rotary Round Action Combination Rifle  
Hoenig Rotary Round Action Double Rifle  
Kodiak Mk. IV Double Rifle  
Kreighoff Teck O/U Combination Gun  
Kreighoff Trumpf Drilling  
Kreighoff Drillings  
Lebeau-Courally Express Rifle 5X5  
Merkel Boxlock Double Rifles  
Merkel Drillings  
Merkel Model 160 Side-by-Side Double Rifles  
Merkel Over/Under Combination Guns  
Merkel Over/Under Double Rifles  
Remington Model SPR94 .410/Rimfire  
Remington Model SPR94 12 Gauge/Centerfire  
Rizzini Express 90L Double Rifle  
Savage 24F O/U Combination Gun  
Savage 24F-12T Turkey Gun  
Springfield Inc. M6 Scout Rifle/Shotgun  
Tikka Model 412s Combination Gun  
Tikka Model 412S Double Fire  
Rimfire Rifles—Autoloaders  
AMT Lightning 25/22 Rifle  
AMT Lightning Small-Game Hunting Rifle II  
AMT Magnum Hunter Auto Rifle  
Anschutz 525 Deluxe Auto  
Arm Scor Model 20P Auto Rifle  
Browning Auto .22 Rifles

Browning Auto-22 Rifle  
Browning Auto-22 Grade VI  
Browning BAR .22 Auto Rifle  
Browning SA-22 Semi-Auto 22 Rifle  
Henry U.S. Survival .22  
Henry U.S. Survival Rifle AR-7  
Krico Model 260 Auto Rifle  
Lakefield Arms Model 64B Auto Rifle  
Marlin Model 60 Self Loading Rifles  
Marlin Model 60C  
Marlin Model 60SB  
Marlin Model 60S-CF  
Marlin Model 60SN  
Marlin Model 60ss Self-Loading Rifle  
Marlin Model 70 Auto-loading Rifles  
Marlin Model 70 HC Auto  
Marlin Model 70P Papoose  
Marlin Model 70PSS  
Marlin Model 795  
Marlin Model 795SS  
Marlin Model 922 Magnum Self-Loading Rifle  
Marlin Model 9901 Self-Loading Rifle  
Marlin Model 995 Self-Loading Rifle  
Mossberg 702 Plinkster  
Norinco Model 22 ATD Rifle  
Remington 552BDL Speedmaster Rifle  
Remington Model 522 Viper Autoloading Rifle  
Remington Model 597 Blaze Camo  
Remington Model 597 Pink Camo  
Remington Model 597 Synthetic Scope Combo  
Ruger 10/22 Autoloading Carbine (w/o folding stock)  
Ruger 10/22 Compact  
Ruger 10/22 Sporter  
Ruger 10/22 Target  
Survival Arms AR-7 Explorer Rifle  
Texas Remington Revolving Carbine  
Thompson/Center R-55 All-Weather  
Thompson/Center R-55 Benchmark  
Thompson/Center R-55 Classic  
Thompson/Center R-55 Rifles  
Thompson/Center R-55 Sporter  
Voere Model 2115 Auto Rifle  
Rimfire Rifles—Lever & Slide Action  
Browning BL-22 Lever-Action Rifle  
Henry .22 Lever Action Rifles, All Models  
Henry Golden Boy .17 HMR  
Henry Golden Boy .22  
Henry Golden Boy .22 Magnum  
Henry Golden Boy Deluxe  
Henry Lever .22 Magnum  
Henry Lever Action .22  
Henry Lever Carbine .22

Henry Lever Octagon .22  
Henry Lever Octagon .22 Magnum  
Henry Lever Youth Model .22  
Henry Pump Action Octagon .22  
Henry Pump Action Octagon .22 Magnum  
Henry Varmint Express .17 HMR  
Marlin 39TDS Carbine  
Marlin Model 39A Golden Lever Action  
Marlin Model 39AS Golden Lever-Action Rifle  
Mossberg Model 464 Rimfire Lever Action Rifle  
Norinco EM-321 Pump Rifle  
Remington 572BDL Fieldmaster Pump Rifle  
Rossi Model 62 SA Pump Rifle  
Rossi Model 62 SAC Carbine  
Rossi Model G2 Gallery Rifle  
Ruger Model 96 Lever-Action Rifle  
Taurus Model 62-Pump  
Taurus Model 72 Pump Rifle  
Winchester Model 9422 Lever-Action Rifle  
Winchester Model 9422 Magnum Lever-Action Rifle  
Rimfire Rifles—Bolt Actions & Single Shots  
Anschutz 1416D/1516D Classic Rifles  
Anschutz 1418D/1518D Mannlicher Rifles  
Anschutz 1700 FWT Bolt-Action Rifle  
Anschutz 1700D Bavarian Bolt-Action Rifle  
Anschutz 1700D Classic Rifles  
Anschutz 1700D Custom Rifles  
Anschutz 1700D Graphite Custom Rifle  
Anschutz 1702 D H B Classic  
Anschutz 1713 Silhouette  
Anschutz Achiever  
Anschutz Achiever Bolt-Action Rifle  
Anschutz All other Bolt Action Rimfire Models  
Anschutz Kadett  
Anschutz Model 1502 D Classic  
Anschutz Model 1517 D Classic  
Anschutz Model 1517 MPR Multi Purpose  
Anschutz Model 1517 S-BR  
Anschutz Model 1710 D KL  
Anschutz Model 1717 Classic  
Anschutz Model 1717 Silhouette Sporter  
Anschutz Model G4 MPB  
Anschutz Model Woodchucker  
Armcor Model 14P Bolt-Action Rifle  
Armcor Model 1500 Rifle  
Beeman/HW 60-J-ST Bolt-Action Rifle  
BRNO ZKM 452 Deluxe  
BRNO ZKM-456 Lux Sporter  
BRNO ZKM-452 Deluxe Bolt-Action Rifle  
Browning A-Bolt 22 Bolt-Action Rifle  
Browning A-Bolt Gold Medallion  
Browning T-Bolt Rimfire Rifles

Cabanas Espronceda IV Bolt-Action Rifle  
Cabanas Leyre Bolt-Action Rifle  
Cabanas Master Bolt-Action Rifle  
Cabanas Phaser Rifle  
Chipmunk Single Shot Rifle  
Cooper Arms Model 36S Sporter Rifle  
Cooper Model 57–M Bolt Action Rifle  
CZ 452 Bolt Action Rifles  
Dakota 22 Sporter Bolt-Action Rifle  
Davey Crickett Single Shot Rifle  
Harrington & Richardson Sportster  
Harrington & Richardson Sportster 17 Hornady Magnum Rimfire  
Harrington & Richardson Sportster Compact  
Henry Mini Bolt Action Rifle  
Henry Acu-Bolt .22  
Henry Mini Bolt Youth .22  
Kimber Bolt Action .22 Rifles  
Krico Model 300 Bolt-Action Rifles  
Lakefield Arms Mark I Bolt-Action Rifle  
Lakefield Arms Mark II Bolt-Action Rifle  
Magtech Model MT Bolt Action Rifle  
Magtech Model MT–22C Bolt-Action Rifle  
Marlin Model 15YN Little Buckaroo  
Marlin Model 25MN Bolt-Action Rifle  
Marlin Model 25N Bolt-Action Repeater  
Marlin Model 880 Bolt-Action Rifle  
Marlin Model 881 Bolt-Action Rifle  
Marlin Model 882 Bolt-Action Rifle  
Marlin Model 883 Bolt-Action Rifle  
Marlin Model 883SS Bolt-Action Rifle  
Marlin Model 915 YN Little Buckaroo  
Marlin Model 915Y (Compact)  
Marlin Model 915YS (Compact)  
Marlin Model 917  
Marlin Model 917S  
Marlin Model 917V  
Marlin Model 917VR  
Marlin Model 917VS  
Marlin Model 917VS–CF  
Marlin Model 917VSF  
Marlin Model 917VST  
Marlin Model 917VT  
Marlin Model 925  
Marlin Model 925C  
Marlin Model 925M  
Marlin Model 925R  
Marlin Model 925RM  
Marlin Model 980S  
Marlin Model 980S–CF  
Marlin Model 981T  
Marlin Model 982 Bolt Action Rifle  
Marlin Model 982VS

Marlin Model 982VS–CF  
Marlin Model 983  
Marlin Model 983S  
Marlin Model 983T  
Marlin Model XT–17 Series Bolt Action Rifles  
Marlin Model XT–22 Series Bolt Action Rifles  
Mauser Model 107 Bolt-Action Rifle  
Mauser Model 201 Bolt-Action Rifle  
Meacham Low-Wall Rifle  
Mossberg Model 801/802 Bolt Rifles  
Mossberg Model 817 Varmint Bolt Action Rifle  
Navy Arms TU–33/40 Carbine  
Navy Arms TU–KKW Sniper Trainer  
Navy Arms TU–KKW Training Rifle  
New England Firearms Sportster Single Shot Rifles  
Norinco JW–15 Bolt-Action Rifle  
Norinco JW–27 Bolt-Action Rifle  
Remington 40–XR Rimfire Custom Sporter  
Remington 541–T  
Remington 541–T HB Bolt-Action  
Rifle Remington 581–S Sportsman Rifle  
Remington Model Five  
Remington Model Five Youth  
Rossi Matched Pair Single Shot Rifle  
Ruger 77/17  
Ruger 77/22  
Ruger 77/22 Rimfire Bolt-Action Rifle  
Ruger 77/44  
Ruger K77/22 Varmint Rifle  
Savage CUB T Mini Youth  
Savage Mark I–G Bolt Action  
Savage Mark II Bolt Action Rifles  
Savage Model 30 G Stevens Favorite  
Savage Model 93 Rifles  
Thompson/Center Hotshot Youth Rifle  
Ultra Light Arms Model 20 RF Bolt-Action Rifle  
Winchester Model 52B Sporting Rifle  
Winchester Wildcat Bolt Action Rifle 22  
Competition Rifles—Centerfire & Rimfire  
Anschutz 1803D Intermediate Match  
Anschutz 1808D RT Super Match 54 Target  
Anschutz 1827B Biathlon Rifle  
Anschutz 1827BT Fortner Biathlon Rifle  
Anschutz 1903 Rifles  
Anschutz 1903D Match Rifle  
Anschutz 1907 Match Rifle  
Anschutz 1910 Super Match II  
Anschutz 1911 Match Rifle  
Anschutz 1912 Rifles  
Anschutz 1913 Super Match Rifle  
Anschutz 54.18MS REP Deluxe Silhouette Rifle  
Anschutz 54.18MS Silhouette Rifle

Anschutz 64 MP R Silhouette Rifle  
Anschutz 64-MS Left Silhouette  
Anschutz Super Match 54 Target Model 2007  
Anschutz Super Match 54 Target Model 2013  
Beeman/Feinwerkbau 2600 Target Rifle  
Cooper Arms Model TRP-1 ISU Standard Rifle  
E.A.A./HW 60 Target Rifle  
E.A.A./HW 660 Match Rifle  
E.A.A./Weihrauch HW 60 Target Rifle  
Ed Brown Model 704, M40A2 Marine Sniper  
Finnish Lion Standard Target Rifle  
Krico Model 360 S2 Biathlon Rifle  
Krico Model 360S Biathlon Rifle  
Krico Model 400 Match Rifle  
Krico Model 500 Kricotronic Match Rifle  
Krico Model 600 Match Rifle  
Krico Model 600 Sniper Rifle  
Lakefield Arms Model 90B Target Rifle  
Lakefield Arms Model 91T Target Rifle  
Lakefield Arms Model 92S Silhouette Rifle  
Marlin Model 2000 Target Rifle  
Mauser Model 86-SR Specialty Rifle  
McMillan 300 Phoenix Long Range Rifle  
McMillan Long Range Rifle  
McMillan M-86 Sniper Rifle  
McMillan M-89 Sniper Rifle  
McMillan National Match Rifle  
Parker-Hale M-85 Sniper Rifle  
Parker-Hale M-87 Target Rifle  
Remington 40-X Bolt Action Rifles  
Remington 40-XB Rangemaster Target Centerfire  
Remington 40-XBBR KS  
Remington 40-XC KS National Match Course Rifle  
Remington 40-XR KS Rimfire Position Rifle  
Sako TRG-21 Bolt-Action Rifle  
Sako TRG-22 Bolt Action Rifle  
Springfield Armory M-1 Garand  
Steyr-Mannlicher SSG Rifles  
Steyr-Mannlicher Match SPG-UIT Rifle  
Steyr-Mannlicher SSG P-I Rifle  
Steyr-Mannlicher SSG P-II Rifle  
Steyr-Mannlicher SSG P-III Rifle  
Steyr-Mannlicher SSG P-IV Rifle  
Tanner 300 Meter Free Rifle  
Tanner 50 Meter Free Rifle  
Tanner Standard UIT Rifle  
Time Precision 22RF Bench Rifle  
Wichita Silhouette Rifle  
Shotguns—Autoloaders  
American Arms  
American Arms/Franchi Black Magic 48/AL  
Benelli Bimillioneaire

Benelli Black Eagle Competition Auto Shotgun  
Benelli Cordoba  
Benelli Executive Series  
Benelli Legacy Model  
Benelli M1  
Benelli M1 Defense  
Benelli M1 Tactical  
Benelli M1014 Limited Edition  
Benelli M2  
Benelli M2 Field Steady Grip  
Benelli M2 Practical  
Benelli M2 Tactical  
Benelli M2 American Series  
Benelli M3 Convertible  
Benelli M4 Models Vinci Steady Grip  
Benelli Montefeltro Super 90 20-Gauge Shotgun  
Benelli Montefeltro Super 90 Shotgun  
Benelli Raffaello Series Shotguns  
Benelli Sport Model  
Benelli Super 90 M1 Field Model  
Benelli Super Black Eagle II Models  
Benelli Super Black Eagle II Steady Grip  
Benelli Super Black Eagle Models  
Benelli Super Black Eagle Shotgun  
Benelli Super Black Eagle Slug Gun  
Benelli Super Vinci  
Benelli Supersport  
Benelli Two-Gun Sets  
Benelli Ultralight  
Benelli Vinci  
Beretta 390 Field Auto Shotgun  
Beretta 390 Super Trap, Super Skeet Shotguns  
Beretta 3901 Citizen  
Beretta 3901 Rifled Slug Gun  
Beretta 3901 Statesman  
Beretta A-303 Auto Shotgun  
Beretta A400 Series  
Beretta AL-2 Models  
Beretta AL-3 Deluxe Trap  
Beretta AL390 Series  
Beretta AL391 Teknys Gold  
Beretta AL391 Teknys Gold Sporting  
Beretta AL391 Teknys Gold Target  
Beretta AL391 Urika 2 Camo AP  
Beretta AL391 Urika 2 Camo Max-4  
Beretta AL391 Urika 2 Classic  
Beretta AL391 Urika 2 Gold  
Beretta AL391 Urika 2 Gold Sporting  
Beretta AL391 Urika 2 Parallel Target SL  
Beretta AL391 Urika 2 Sporting  
Beretta AL391 Urika 2 Synthetic  
Beretta ES100 Pintail Series

Beretta Model 1200 Field  
Beretta Model 1201F Auto Shotgun  
Beretta Model 300  
Beretta Model 301 Series  
Beretta Model 302 Series  
Beretta Model 60  
Beretta Model 61  
Beretta Model A304 Lark  
Beretta Model AL391 Series  
Beretta Model TX4 Storm  
Beretta Silver Lark  
Beretta UGB25 Xcel  
Beretta Vittoria Auto Shotgun  
Beretta Xtrema2  
Breda Altair  
Breda Altair Special  
Breda Aries 2  
Breda Astro  
Breda Astrolux  
Breda Echo  
Breda Ermes Series  
Breda Gold Series  
Breda Grizzly  
Breda Mira  
Breda Standard Series  
Breda Xanthos  
Brolin BL-12  
Brolin SAS-12  
Browning A-500G Auto Shotgun  
Browning A-500G Sporting Clays  
Browning A-500R Auto Shotgun  
Browning Auto-5 Light 12 and 20  
Browning Auto-5 Magnum 12  
Browning Auto-5 Magnum 20  
Browning Auto-5 Stalker  
Browning B2000 Series  
Browning BSA 10 Auto Shotgun  
Browning BSA 10 Stalker Auto Shotgun  
Browning Gold Series  
Browning Maxus Series  
Charles Daly Field Grade Series  
Charles Daly Novamatic Series  
Charles Daly Tactical  
Churchill Regent  
Churchill Standard Model  
Churchill Turkey Automatic Shotgun  
Churchill Windsor  
Cosmi Automatic Shotgun  
CZ 712  
CZ 720  
CZ 912  
Escort Escort Series

European American Armory (EAA) Bunda Series  
Fabarms Ellegi Series  
Fabarms Lion Series  
Fabarms Tactical  
FNH USA Model SLP  
Franchi 610VS  
Franchi 612 Series  
Franchi 620  
Franchi 712  
Franchi 720  
Franchi 912  
Franchi AL 48  
Franchi AL 48 Series  
Franchi Elite  
Franchi I-12 Inertia Series  
Franchi Prestige  
H&K Model 512  
H&R Manufrance  
H&R Model 403  
Hi-Standard 10A  
Hi-Standard 10B  
Hi-Standard Semi Automatic Model  
Hi-Standard Supermatic Series  
Ithaca Mag-10  
Ithaca Model 51 Series  
LaSalle Semi-automatic  
Ljutic Bi-matic Autoloader  
Luger Ultra-light Model  
Marlin SI 12 Series  
Maverick Model 60 Auto Shotgun  
Model AL-1  
Mossberg 1000  
Mossberg Model 600 Auto Shotgun  
Mossberg Model 930 All-Purpose Field  
Mossberg Model 930 Slugster  
Mossberg Model 930 Turkey  
Mossberg Model 930 Waterfowl  
Mossberg Model 935 Magnum Combos  
Mossberg Model 935 Magnum Flyway Series Waterfowl  
Mossberg Model 935 Magnum Grand Slam Series Turkey  
Mossberg Model 935 Magnum Turkey  
Mossberg Model 935 Magnum Waterfowl  
New England Firearms Excell Auto Combo  
New England Firearms Excell Auto Synthetic  
New England Firearms Excell Auto Turkey  
New England Firearms Excell Auto Walnut  
New England Firearms Excell Auto Waterfowl  
Nighthawk Tactical Semi-auto  
Ottomanguns Sultan Series  
Remington 105Ti Series  
Remington 1100 20-Gauge Deer Gun  
Remington 1100 LT-20 Auto

Remington 1100 LT-20 Tournament Skeet  
Remington 1100 Special Field  
Remington 11-48 Series  
Remington 11-96 Series  
Remington Model 105 Cti  
Remington Model 11 Series  
Remington Model 1100 Classic Trap  
Remington Model 1100 Competition  
Remington Model 1100 G3  
Remington Model 1100 G3  
Remington Model 1100 Series  
Remington Model 1100 Shotgun  
Remington Model 1100 Sporting Series  
Remington Model 11-87 Sportsman Camo  
Remington Model 11-87 Sportsman Super Mag Synthetic  
Remington Model 11-87 Sportsman Super Mag Waterfowl  
Remington Model 11-87 Sportsman Synthetic  
Remington Model 11-87 Sportsman Youth  
Remington Model 11-87 Sportsman Youth Synthetic  
Remington Model 48 Series  
Remington Model 58 Series  
Remington Model 870 Classic Trap  
Remington Model 878A Automaster  
Remington Model SP-10 Magnum Satin  
Remington Model SP-10 Waterfowl  
Remington Model SPR453  
Remington Versa-Max Series  
Savage Model 720  
Savage Model 726  
Savage Model 740C Skeet Gun  
Savage Model 745  
Savage Model 755 Series  
Savage Model 775 Series  
Scattergun Technologies K-9  
Scattergun Technologies SWAT  
Scattergun Technologies Urban Sniper Model  
SKB 1300 Upland  
SKB 1900  
SKB 300 Series  
SKB 900 Series  
SKS 3000  
Smith & Wesson Model 1000  
Smith & Wesson Model 1012 Series  
Spartan Gun Works SPR453  
TOZ Model H-170  
Tri-Star Diana Series  
Tri-Star Phantom Series  
Tri-Star Viper Series  
Tula Arms Plant TOZ 87  
Verona 401 Series  
Verona 405 Series  
Verona 406 Series

Verona SX801 Series  
Weatherby Centurion Series  
Weatherby Field Grade  
Weatherby Model 82  
Weatherby SA-08 Series  
Weatherby SA-459 TR  
Weatherby SAS Series  
Winchester 1500  
Winchester Model 50  
Winchester Model 59  
Winchester Super X1 Series  
Winchester Super X2 Series  
Winchester Super X3 Series  
Shotguns—Slide Actions  
ADCO Diamond Grade  
ADCO Diamond Series Shotguns  
ADCO Mariner Model  
ADCO Sales Inc. Gold Elite Series  
Armcor M-30 Series  
Armcor M-5  
Baikal IZH-81  
Baikal MP133  
Benelli Nova Series  
Benelli Supernova Series  
Beretta Ariete Standard  
Beretta Gold Pigeon Pump  
Beretta Model SL-12  
Beretta Ruby Pigeon Pump  
Beretta Silver Pigeon Pump  
Brolin Field Series  
Brolin Lawman Model  
Brolin Slug Special  
Brolin Slugmaster  
Brolin Turkey Master  
Browning BPS Game Gun Deer Special  
Browning BPS Game Gun Turkey Special  
Browning BPS Pigeon Grade Pump Shotgun  
Browning BPS Pump Shotgun  
Browning BPS Pump Shotgun (Ladies and Youth Model)  
Browning BPS Series Pump Shotgun  
Browning BPS Stalker Pump Shotgun  
Browning Model 12 Limited Edition Series  
Browning Model 42 Pump Shotgun  
Century IJ12 Slide Action  
Century Ultra 87 Slide Action  
Charles Daly Field Hunter  
Ducks Unlimited Dinner Guns  
EAA Model PM2  
Escort Field Series  
Fort Worth Firearms GL18  
H&R Pardner Pump  
Hi-Standard Flite-King Series

Hi-Standard Model 200  
Interstate Arms Model 981  
Interstate Arms Model 982T  
Ithaca Deerslayer II Rifled Shotgun  
Ithaca Model 87 Deerslayer Shotgun  
Ithaca Model 87 Deluxe Pump Shotgun  
Ithaca Model 87 Series Shotguns  
Ithaca Model 87 Supreme Pump Shotgun  
Ithaca Model 87 Turkey Gun  
Magtech Model 586-VR Pump Shotgun  
Maverick Models 88, 91 Pump Shotguns  
Mossberg 200 Series Shotgun  
Mossberg 3000 Pump shotgun  
Mossberg 535 ATS Series Pump Shotguns  
Mossberg Field Grade Model 835 Pump Shotgun  
Mossberg Model 500 All Purpose Field  
Mossberg Model 500 Bantam  
Mossberg Model 500 Bantam Combo  
Mossberg Model 500 Bantam Pump  
Mossberg Model 500 Camo Pump  
Mossberg Model 500 Combos  
Mossberg Model 500 Flyway Series Waterfowl  
Mossberg Model 500 Grand Slam Series Turkey  
Mossberg Model 500 Muzzleloader  
Mossberg Model 500 Muzzleloader Combo  
Mossberg Model 500 Series Pump Shotguns  
Mossberg Model 500 Slugster  
Mossberg Model 500 Sporting Pump  
Mossberg Model 500 Super Bantam All Purpose Field  
Mossberg Model 500 Super Bantam Combo  
Mossberg Model 500 Super Bantam Slug  
Mossberg Model 500 Super Bantam Turkey  
Mossberg Model 500 Trophy Slugster  
Mossberg Model 500 Turkey  
Mossberg Model 500 Waterfowl  
Mossberg Model 505 Series Pump Shotguns  
Mossberg Model 505 Youth All Purpose Field  
Mossberg Model 535 ATS All Purpose Field  
Mossberg Model 535 ATS Combos  
Mossberg Model 535 ATS Slugster  
Mossberg Model 535 ATS Turkey  
Mossberg Model 535 ATS Waterfowl  
Mossberg Model 835 Regal Ulti-Mag Pump  
Mossberg Model 835 Series Pump Shotguns  
Mossberg Model 835 Ulti-Mag  
Mossberg Turkey Model 500 Pump  
National Wild Turkey Federation (NWTFF) Banquet/Guns of the Year  
New England Firearms Pardner Pump Combo  
New England Firearms Pardner Pump Field  
New England Firearms Pardner Pump Slug Gun  
New England Firearms Pardner Pump Synthetic  
New England Firearms Pardner Pump Turkey Gun

New England Firearms Pardner Pump Walnut  
New England Firearms Pardner Pump-Compact Field  
New England Firearms Pardner Pump-Compact Synthetic  
New England Firearms Pardner Pump-Compact Walnut  
Norinco Model 98 Field Series  
Norinco Model 983  
Norinco Model 984  
Norinco Model 985  
Norinco Model 987  
Orvis Grand Vazir Series  
Quail Unlimited Limited Edition Pump Shotguns  
Remington 870 Express  
Remington 870 Express Rifle Sighted Deer Gun  
Remington 870 Express Series Pump Shotguns  
Remington 870 Express Turkey  
Remington 870 High Grade Series  
Remington 870 High Grades  
Remington 870 Marine Magnum  
Remington 870 Special Field  
Remington 870 Special Purpose Deer Gun  
Remington 870 Special Purpose Synthetic Camo  
Remington 870 SPS Special Purpose Magnum  
Remington 870 SPS-BG-Camo Deer/Turkey Shotgun  
Remington 870 SPS-Deer Shotgun  
Remington 870 SPS-T Camo Pump Shotgun  
Remington 870 TC Trap  
Remington 870 Wingmaster  
Remington 870 Wingmaster Series  
Remington 870 Wingmaster Small Gauges  
Remington Model 11-87 XCS Super Magnum Waterfowl  
Remington Model 870 Ducks Unlimited Series Dinner Pump Shotguns  
Remington Model 870 Express  
Remington Model 870 Express JR.  
Remington Model 870 Express Shurshot Synthetic Cantilever  
Remington Model 870 Express Super Magnum  
Remington Model 870 Express Synthetic  
Remington Model 870 Express Youth Gun  
Remington Model 870 Express Youth Synthetic  
Remington Model 870 SPS Shurshot Synthetic Cantilever  
Remington Model 870 SPS Shurshot Synthetic Turkey  
Remington Model 870 SPS Special Purpose Magnum Series Pump Shotguns  
Remington Model 870 SPS Super Mag Max Gobbler  
Remington Model 870 XCS Marine Magnum  
Remington Model 870 XCS Super Magnum  
Winchester 12 Commercial Riot Gun  
Winchester 97 Commercial Riot Gun  
Winchester Model 12 Pump Shotgun  
Winchester Model 120 Ranger  
Winchester Model 1200 Series Shotgun  
Winchester Model 1300 Ranger Pump Gun  
Winchester Model 1300 Ranger Pump Gun Combo & Deer Gun  
Winchester Model 1300 Series Shotgun

Winchester Model 1300 Slug Hunter Deer Gun  
Winchester Model 1300 Turkey Gun  
Winchester Model 1300 Walnut Pump  
Winchester Model 42 High Grade Shotgun  
Winchester Speed Pump Defender  
Winchester SXP Series Pump Shotgun  
Zoli Pump Action Shotgun  
Shotguns—Over/Unders  
ADCO Sales Diamond Series Shotguns  
American Arms/Franchi Falconet 2000 O/U  
American Arms Lince  
American Arms Silver I O/U  
American Arms Silver II Shotgun  
American Arms Silver Skeet O/U  
American Arms Silver Sporting O/U  
American Arms Silver Trap O/U  
American Arms WS/OU 12, TS/OU 12 Shotguns  
American Arms WT/OU 10 Shotgun  
American Arms/Franchi Sporting 2000 O/U  
Armsport 2700 O/U Goose Gun  
Armsport 2700 Series O/U  
Armsport 2900 Tri-Barrel Shotgun  
AYA Augusta  
AYA Coral A  
AYA Coral B  
AYA Excelsior  
AYA Model 37 Super  
AYA Model 77  
AYA Model 79 Series  
Baby Bretton Over/Under Shotgun  
Baikal IZH27  
Baikal MP310  
Baikal MP333  
Baikal MP94  
Beretta 90 DE LUXE  
Beretta 682 Gold E Skeet  
Beretta 682 Gold E Trap  
Beretta 682 Gold E Trap Bottom Single  
Beretta 682 Series  
Beretta 682 Super Sporting O/U  
Beretta 685 Series  
Beretta 686 Series  
Beretta 686 White Onyx  
Beretta 686 White Onyx Sporting  
Beretta 687 EELL Classic  
Beretta 687 EELL Diamond Pigeon  
Beretta 687 EELL Diamond Pigeon Sporting  
Beretta 687 series  
Beretta 687EL Sporting O/U  
Beretta Alpha Series  
Beretta America Standard  
Beretta AS

Beretta ASE 90 Competition O/U Shotgun  
Beretta ASE 90 Gold Skeet  
Beretta ASE Gold  
Beretta ASE Series  
Beretta ASEL  
Beretta BL Sereis  
Beretta DT10 Series  
Beretta DT10 Trident EELL  
Beretta DT10 Trident L Sporting  
Beretta DT10 Trident Skeet  
Beretta DT10 Trident Sporting  
Beretta DT10 Trident Trap Combo  
Beretta Europa  
Beretta Field Shotguns  
Beretta Gamma Series  
Beretta Giubileo  
Beretta Grade Four  
Beretta Grade One  
Beretta Grade Three  
Beretta Grade Two  
Beretta Milano  
Beretta Model 686 Ultralight O/U  
Beretta Model SO5, SO6, SO9 Shotguns  
Beretta Onyx Hunter Sport O/U Shotgun  
Beretta Over/Under Field Shotguns  
Beretta Royal Pigeon  
Beretta S56 Series  
Beretta S58 Series  
Beretta Series 682 Competition Over/Unders  
Beretta Silver Pigeon II  
Beretta Silver Pigeon II Sporting  
Beretta Silver Pigeon III  
Beretta Silver Pigeon III Sporting  
Beretta Silver Pigeon IV  
Beretta Silver Pigeon S  
Beretta Silver Pigeon V  
Beretta Silver Snipe  
Beretta Skeet Set  
Beretta SO-1  
Beretta SO-2  
Beretta SO-3  
Beretta SO-4  
Beretta SO5  
Beretta SO6 EELL  
Beretta SO-10  
Beretta SO10 EELL  
Beretta Sporting Clay Shotguns  
Beretta SV10 Perennia  
Beretta Ultralight  
Beretta Ultralight Deluxe  
Bertuzzi Zeus  
Bertuzzi Zeus Series

Beschi Boxlock Model  
Big Bear Arms IJ-39  
Big Bear Arms Sterling Series  
Big Bear IJ-27  
Blaser F3 Series  
Bosis Challenger Titanium  
Bosis Laura  
Bosis Michaelangelo  
Bosis Wild Series  
Boss Custom Over/Under Shotguns  
Boss Merlin  
Boss Pendragon  
Breda Pegaso Series  
Breda Sirio Standard  
Breda Vega Series  
Bretton Baby Standard  
Bretton Sprint Deluxe  
BRNO 500/501  
BRNO 502  
BRNO 801 Series  
BRNO 802 Series  
BRNO BS-571  
BRNO BS-572  
BRNO ZH-300  
BRNO ZH-301  
BRNO ZH-302  
BRNO ZH-303  
Browning 325 Sporting Clays  
Browning 625 Series  
Browning 725 Series  
Browning B-25 Series  
Browning B-26 Series  
Browning B-27 Series  
Browning B-125 Custom Shop Series  
Browning Citori 525 Series  
Browning Citori GTI Sporting Clays  
Browning Citori Lightning Series  
Browning Citori O/U Shotgun  
Browning Citori O/U Skeet Models  
Browning Citori O/U Trap Models  
Browning Citori Plus Trap Combo  
Browning Citori Plus Trap Gun  
Browning Cynergy Series  
Browning Diana Grade  
Browning Lightning Sporting Clays  
Browning Micro Citori Lightning  
Browning Midas Grade  
Browning Special Sporting Clays  
Browning Sporter Model  
Browning ST-100  
Browning Superlight Citori Over/Under  
Browning Superlight Citori Series

Browning Superlight Feather  
Browning Superposed Pigeon Grade  
Browning Superposed Standard  
BSA Falcon  
BSA O/U  
BSA Silver Eagle  
Cabela's Volo  
Caprinus Sweden Model  
Centurion Over/Under Shotgun  
Century Arms Artemis  
Chapuis Over/Under Shotgun  
Charles Daly Country Squire Model  
Charles Daly Deluxe Model  
Charles Daly Diamond Series  
Charles Daly Empire Series  
Charles Daly Field Grade O/U  
Charles Daly Lux Over/Under  
Charles Daly Maxi-Mag  
Charles Daly Model 105  
Charles Daly Model 106  
Charles Daly Model 206  
Charles Daly Over/Under Shotguns, Japanese Manufactured  
Charles Daly Over/Under Shotguns, Prussian Manufactured  
Charles Daly Presentation Model  
Charles Daly Sporting Clays Model  
Charles Daly Superior Model  
Charles Daly UL  
Churchill Imperial Model  
Churchill Monarch  
Churchill Premiere Model  
Churchill Regent Trap and Skeet  
Churchill Regent V  
Churchill Sporting Clays  
Churchill Windsor III  
Churchill Windsor IV  
Classic Doubles Model 101 Series  
Cogswell & Harrison Woodward Type  
Connecticut Shotgun Company A. Galazan Model  
Connecticut Shotgun Company A-10 American  
Connecticut Valley Classics Classic Field Waterfowler  
Connecticut Valley Classics Classic Sporter O/U  
Continental Arms Centaure Series  
Cortona Over/Under Shotguns  
CZ 581 Solo  
CZ Canvasback 103D  
CZ Limited Edition  
CZ Mallard 104A  
CZ Redhead Deluxe 103FE  
CZ Sporting  
CZ Super Scroll Limited Edition  
CZ Upland Ultralight  
CZ Wingshooter

Dakin Arms Model 170  
Darne SB1  
Darne SB2  
Darne SB3  
Depar ATAK  
Doumoulin Superposed Express  
Ducks Unlimited Dinner Guns/Guns of the Year, Over/Under Models  
Dumoulin Boss Royal Superposed  
E.A.A. Falcon  
E.A.A. Scirocco Series  
E.A.A./Sabatti Falcon-Mon Over/Under  
E.A.A./Sabatti Sporting Clays Pro-Gold O/U  
ERA Over/Under  
Famars di Abbiatico & Salvinelli Aries  
Famars di Abbiatico & Salvinelli Castrone  
Famars di Abbiatico & Salvinelli Dove Gun  
Famars di Abbiatico & Salvinelli Excaliber Series  
Famars di Abbiatico & Salvinelli Jorema  
Famars di Abbiatico & Salvinelli Leonardo  
Famars di Abbiatico & Salvinelli Pegasus  
Famars di Abbiatico & Salvinelli Posiden  
Famars di Abbiatico & Salvinelli Quail Gun  
Famars di Abbiatico & Salvinelli Royal  
Famars di Abbiatico & Salvinelli Royale  
Fausti Boutique Series  
Fausti Caledon Series  
Fausti Class Series  
Ferlib Boss Model  
Finnclassic 512 Series  
Franchi 2004 Trap  
Franchi 2005 Combination Trap  
Franchi Alcione Series  
Franchi Aristocrat Series  
Franchi Black Majic  
Franchi Falconet Series  
Franchi Instict Series  
Franchi Model 2003 Trap  
Franchi Renaissance Series  
Franchi Sporting 2000  
Franchi Undergun Model 3000  
Franchi Veloce Series  
Galef Golden Snipe  
Galef Silver Snipe  
Golden Eagle Model 5000 Series  
Griffon & Howe Black Ram  
Griffon & Howe Broadway  
Griffon & Howe Claremont  
Griffon & Howe Madison  
Griffon & Howe Silver Ram  
Griffon & Howe Superbrite  
Guerini Apex Series  
Guerini Challenger Sporting

Guerini Ellipse Evo  
Guerini Ellipse Evolution Sporting  
Guerini Ellipse Limited  
Guerini Essex Field  
Guerini Flyaway  
Guerini Forum Series  
Guerini Magnus Series  
Guerini Maxum Series  
Guerini Summit Series  
Guerini Tempio  
Guerini Woodlander  
H&R Harrich #1  
H&R Model 1212  
H&R Model 1212WF  
H&R Pinnacle  
Hatfields Hatfield Model 1 of 100  
Heym Model 55 F  
Heym Model 55 SS  
Heym Model 200  
Holland & Holland Royal Series  
Holland & Holland Sporting Model  
IGA 2000 Series  
IGA Hunter Series  
IGA Trap Series  
IGA Turkey Series  
IGA Waterfowl Series  
K.F.C. E-2 Trap/Skeet  
K.F.C. Field Gun  
Kassnar Grade I O/U Shotgun  
KDF Condor Khan Artemis Field/Deluxe  
Kimber Augusta Series  
Kimber Marias Series  
Krieghoff K-80 Four-Barrel Skeet Set  
Krieghoff K-80 International Skeet  
Krieghoff K-80 O/U Trap Shotgun  
Krieghoff K-80 Skeet Shotgun  
Krieghoff K-80 Sporting Clays O/U  
Krieghoff K-80/RT Shotguns  
Krieghoff Model 20 Sporting/Field  
Krieghoff Model 32 Series  
Lames Field Model  
Lames Skeet Model  
Lames Standard Model  
Lames California Model  
Laurona Model 67  
Laurona Model 82 Series  
Laurona Model 83 Series  
Laurona Model 84 Series  
Laurona Model 85 Series  
Laurona Model 300 Series  
Laurona Silhouette 300 Sporting Clays  
Laurona Silhouette 300 Trap

Laurona Super Model Over/Unders  
Lebeau Baron Series  
Lebeau Boss Verres  
Lebeau Boxlock with sideplates  
Lebeau Sidelock  
Lebeau Versailles  
Lippard Custom Over/Under Shotguns  
Ljutic LM-6 Deluxe O/U Shotgun  
Longthorne Hesketh Game Gun  
Longthorne Sporter  
Marlin Model 90  
Marocchi Avanza O/U Shotgun  
Marocchi Conquista Over/Under Shotgun  
Marocchi Conquista Series  
Marocchi Model 100  
Marocchi Model 99  
Maverick HS-12 Tactical  
Maverick Hunter Field Model  
McMillan Over/Under Sidelock  
Merkel 201 Series  
Merkel 2016 Series  
Merkel 2116 EL Sidelock  
Merkel 303EL Luxus  
Merkel Model 100  
Merkel Model 101  
Merkel Model 101E  
Merkel Model 200E O/U Shotgun  
Merkel Model 200E Skeet, Trap Over/Unders  
Merkel Model 200SC Sporting Clays  
Merkel Model 203E, 303E Over/Under Shotguns  
Merkel Model 204E  
Merkel Model 210  
Merkel Model 301  
Merkel Model 302  
Merkel Model 304E  
Merkel Model 310E  
Merkel Model 400  
Merkel Model 400E  
Merkel Model 2000 Series  
Mossberg Onyx Reserve Field  
Mossberg Onyx Reserve Sporting  
Mossberg Silver Reserve Field  
Mossberg Silver Reserve Series  
Mossberg Silver Reserve Sporting  
Norinco Type HL12-203  
Omega Standard Over/Under Model  
Orvis Field  
Orvis Knockabout  
Orvis Premier Grade  
Orvis SKB Green Mountain Uplander  
Orvis Sporting Clays  
Orvis Super Field

Orvis Uplander  
Orvis Waterfowler  
Pederson Model 1000 Series  
Pederson Model 1500 Series  
Perazzi Boxlock Action Hunting  
Perazzi Competition Series  
Perazzi Electrocibles  
Perazzi Granditalia  
Perazzi Mirage Special Four-Gauge Skeet  
Perazzi Mirage Special Skeet Over/Under  
Perazzi Mirage Special Sporting O/U  
Perazzi MS80  
Perazzi MT-6  
Perazzi MX1/MX2  
Perazzi MX3  
Perazzi MX4  
Perazzi MX5  
Perazzi MX6  
Perazzi MX7 Over/Under Shotguns  
Perazzi MX8/20 Over/Under Shotgun  
Perazzi MX8/MX8 Special Trap, Skeet  
Perazzi MX9 Single Over/Under Shotguns  
Perazzi MX10  
Perazzi MX11  
Perazzi MX12 Hunting Over/Under  
Perazzi MX14  
Perazzi MX16  
Perazzi MX20 Hunting Over/Under  
Perazzi MX28, MX410 Game O/U Shotguns  
Perazzi MX2000  
Perazzi MX2005  
Perazzi MX2008  
Perazzi Sidelock Action Hunting  
Perazzi Sporting Classic O/U  
Perugini Maestro Series  
Perugini Michelangelo  
Perugini Nova Boss  
Pietro Zanoletti Model 2000 Field O/U  
Piotti Boss Over/Under Shotgun  
Pointer Italian Model  
Pointer Turkish Model  
Remington 396 Series  
Remington 3200 Series  
Remington Model 32 Series  
Remington Model 300 Ideal  
Remington Model 332 Series  
Remington Model SPR310  
Remington Model SPR310N  
Remington Model SPR310S  
Remington Peerless Over/Under Shotgun  
Remington Premier Field  
Remington Premier Ruffed Grouse

Remington Premier Series  
Remington Premier STS Competition  
Remington Premier Upland  
Richland Arms Model 41  
Richland Arms Model 747  
Richland Arms Model 757  
Richland Arms Model 787  
Richland Arms Model 808  
Richland Arms Model 810  
Richland Arms Model 828  
Rigby 401 Sidelock  
Rota Model 650  
Rota Model 72 Series  
Royal American Model 100  
Ruger Red Label O/U Shotgun  
Ruger Sporting Clays O/U Shotgun  
Ruger Woodside Shotgun  
Rutten Model RM 100  
Rutten Model RM285  
S.I.A.C.E. Evolution  
S.I.A.C.E. Model 66C  
S.I.A.C.E.600T Lusso EL  
San Marco 10-Ga. O/U Shotgun  
San Marco 12-Ga. Wildflower Shotgun  
San Marco Field Special O/U Shotgun  
Sauer Model 66 Series  
Savage Model 242  
Savage Model 420/430  
Sig Sauer Aurora Series  
Sig Sauer SA-3  
Sig Sauer SA-5  
Silma Model 70 Series  
SKB Model 85 Series  
SKB Model 500 Series  
SKB Model 505 Deluxe Over/Under Shotgun  
SKB Model 505 Series  
SKB Model 600 Series  
SKB Model 605 Series  
SKB Model 680 Series  
SKB Model 685 Over/Under Shotgun  
SKB Model 685 Series  
SKB Model 700 Series  
SKB Model 785 Series  
SKB Model 800 Series  
SKB Model 880 Series  
SKB Model 885 Over/Under Trap, Skeet, Sporting Clays  
SKB Model 885 Series  
SKB Model 5600 Series  
SKB Model 5700 Series  
SKB Model 5800 Series  
SKB Model GC-7 Series  
Spartan SPR310/320

Stevens Model 240  
Stevens Model 512  
Stoeger/IGA Condor I O/U Shotgun  
Stoeger/IGA ERA 2000 Over/Under Shotgun  
Techni-Mec Model 610 Over/Under  
Tikka Model 412S Field Grade Over/Under  
Traditions 350 Series Traditions Classic Field Series  
Traditions Classic Upland Series  
Traditions Gold Wing Series  
Traditions Real 16 Series  
Tri Star Model 330 Series  
Tri-Star Hunter EX  
Tri-Star Model 300  
Tri-Star Model 333 Series  
Tri-Star Setter Model  
Tri-Star Silver Series  
Tri-Star Sporting Model  
TULA 120  
TULA 200  
TULA TOZ34  
Universal 7112  
Universal 7312  
Universal 7412  
Universal 7712  
Universal 7812  
Universal 7912  
Verona 501 Series  
Verona 680 Series  
Verona 702 Series  
Verona LX692 Series  
Verona LX980 Series  
Weatherby Athena Grade IV O/U Shotguns  
Weatherby Athena Grade V Classic Field O/U  
Weatherby Athena Series  
Weatherby Classic Field Models  
Weatherby II, III Classic Field O/Us  
Weatherby Orion II Classic Sporting Clays O/U  
Weatherby Orion II series  
Weatherby Orion II Sporting Clays O/U  
Weatherby Orion III Series  
Weatherby Orion O/U Shotguns  
Winchester Model 91  
Winchester Model 96  
Winchester Model 99  
Winchester Model 101 All Models and Grades  
Winchester Model 1001 O/U Shotgun  
Winchester Model 1001 Series  
Winchester Model 1001 Sporting Clays O/U  
Winchester Model G5500  
Winchester Model G6500  
Winchester Select Series  
Zoli Condor

Zoli Deluxe Model  
Zoli Dove  
Zoli Field Special  
Zoli Pigeon Model  
Zoli Silver Snipe  
Zoli Snipe  
Zoli Special Model  
Zoli Target Series  
Zoli Texas  
Zoli Z Series  
Zoli Z-90 Series  
Zoli Z-Sport Series  
Shotguns—Side by Sides  
Armas Azor Sidelock Model  
ADCO Sales Diamond Series Shotguns  
American Arms Brittany Shotgun  
American Arms Derby Side-by-Side  
American Arms Gentry Double Shotgun  
American Arms Grulla #2 Double Shotgun  
American Arms TS/SS 10 Double Shotgun  
American Arms TS/SS 12 Side-by-Side  
American Arms WS/SS 10  
Arizaga Model 31 Double Shotgun  
Armes de Chasse Sidelock and Boxlock Shotguns  
Armsport 1050 Series Double Shotguns  
Arrieta Sidelock Double Shotguns  
Auguste Francotte Boxlock Shotgun  
Auguste Francotte Sidelock Shotgun  
AYA Boxlock Shotguns  
AYA Sidelock Double Shotguns  
Baikal IZH-43 Series Shotguns  
Baikal MP210 Series Shotguns  
Baikal MP213 Series Shotguns  
Baikal MP220 Series Shotguns  
Baker Gun Sidelock Models  
Baltimore Arms Co. Style 1  
Baltimore Arms Co. Style 2  
Bayard Boxlock and Sidelock Model Shotguns  
Beretta 450 series Shotguns  
Beretta 451 Series Shotguns  
Beretta 452 Series Shotguns  
Beretta 470 Series Shotguns  
Beretta Custom Grade Shotguns  
Beretta Francia Standard  
Beretta Imperiale Montecarlo  
Beretta Model 452 Sidelock Shotgun  
Beretta Omega Standard  
Beretta Side-by-Side Field Shotguns  
Beretta Verona/Bergamo  
Bertuzzi Ariete Hammer Gun  
Bertuzzi Model Orione  
Bertuzzi Venere Series Shotguns

Beschi Sidelock and Boxlock Models  
Bill Hanus Birdgun Doubles  
Bosis Country SxS  
Bosis Hammer Gun  
Bosis Queen Sidelock  
Boss Robertson SxS  
Boss SxS  
Boswell Boxlock Model  
Boswell Featherweight Monarch Grade  
Boswell Merlin Sidelock  
Boswell Sidelock Model  
Breda Andromeda Special  
BRNO ZP Series Shotguns  
Brown SxS Shotgun  
Browning B-SS  
Browning B-SS Belgian/Japanese Prototype  
Browning B-SS Sidelock  
Browning B-SS Sporter  
Bruchet Model A  
Bruchet Model B  
BSA Classic  
BSA Royal  
Cabela's ATA Grade II Custom  
Cabela's Hemingway Model  
Casartelli Sidelock Model  
Century Coach SxS  
Chapuis RGP Series Shotguns  
Chapuis RP Series Shotguns  
Chapuis Side-by-Side Shotgun  
Chapuis UGP Round Design SxS  
Charles Daly 1974 Wildlife Commemorative  
Charles Daly Classic Coach Gun  
Charles Daly Diamond SxS  
Charles Daly Empire SxS  
Charles Daly Model 306  
Charles Daly Model 500  
Charles Daly Model Dss Double  
Charles Daly Superior SxS  
Churchill Continental Series Shotguns  
Churchill Crown Model  
Churchill Field Model  
Churchill Hercules Model  
Churchill Imperial Model  
Churchill Premiere Series Shotguns  
Churchill Regal Model  
Churchill Royal Model  
Churchill Windsor Series Shotguns  
Cimarron Coach Guns  
Classic Doubles Model 201  
Classic Clot 1878 Hammer Shotgun  
Cogswell & Harrison Sidelock and Boxlock Shotguns  
Colt 1883 Hammerless

Colt SxS Shotgun  
Connecticut Shotgun Co. Model 21  
Connecticut Shotgun Co. RBL Series  
Continental Arms Centaure  
Crescent SxS Model  
Crucelegui Hermanos Model 150 Double  
CZ Amarillo  
CZ Bobwhite  
CZ Competition  
CZ Deluxe  
CZ Durango  
CZ Grouse  
CZ Hammer Models  
CZ Partridge  
CZ Ringneck  
CZ Ringneck Target  
Dakin Model 100  
Dakin Model 147  
Dakin Model 160  
Dakin Model 215  
Dakota American Legend  
Dakota Classic Grade  
Dakota Classic Grade II  
Dakota Classic Grade III  
Dakota Premier Grade  
Dan Arms Deluxe Field Model  
Dan Arms Field Model  
Darne Sliding Breech Series Shotguns  
Davidson Arms Model 63B  
Davidson Arms Model 69SL  
Davidson Arms Model 73 Stagecoach  
Dumoulin Continental Model  
Dumoulin Etendard Model  
Dumoulin Europa Model  
Dumoulin Liege Model  
E.A.A. SABA  
E.A.A./Sabatti Saba-Mon Double Shotgun  
E.M.F. Model 1878 SxS  
E.M.F. Stagecoach SxS Model  
ERA Quail SxS  
ERA Riot SxS  
ERA SxS  
Famars Boxlock Models  
Famars Castore  
Famars Sidelock Models  
Fausti Caledon  
Fausti Class  
Fausti Class Round Body  
Fausti DEA Series Shotguns  
Ferlib Mignon Hammer Model  
Ferlib Model F VII Double Shotgun  
FN Anson SxS Standard Grade

FN New Anson SxS Standard Grade  
FN Sidelock Standard Grade  
Fox Higher Grade Models (A–F)  
Fox Sterlingworth Series  
Franchi Airone  
Franchi Astore Series  
Franchi Destino  
Franchi Highlander  
Franchi Sidelock Double Barrel  
Francotte Boxlock Shotgun  
Francotte Jubilee Model  
Francotte Sidelock Shotgun  
Galef Silver Hawk SxS  
Galef Zabala SxS  
Garbi Model 100  
Garbi Model 101 Side-by-Side  
Garbi Model 103A, B Side-by-Side  
Garbi Model 200 Side-by-Side  
Gastinne Model 105  
Gastinne Model 202  
Gastinne Model 353  
Gastinne Model 98  
Gib 10 Gauge Magnum  
Gil Alhambra  
Gil Diamond  
Gil Laga  
Gil Olimpia  
Greener Sidelock SxS Shotguns  
Griffin & Howe Britte  
Griffin & Howe Continental Sidelock  
Griffin & Howe Round Body Game Gun  
Griffin & Howe Traditional Game Gun  
Grulla 217 Series  
Grulla 219 Series  
Grulla Consort  
Grulla Model 209 Holland  
Grulla Model 215  
Grulla Model 216 Series  
Grulla Number 1  
Grulla Royal  
Grulla Super MH  
Grulla Supreme  
Grulla Windsor  
H&R Anson & Deeley SxS  
H&R Model 404  
H&R Small Bore SxS Hammer Gun  
Hatfield Uplander Shotgun  
Henry Atkin Boxlock Model  
Henry Atkin Sidelock Model  
Holland & Holland Cavalier Boxlock  
Holland & Holland Dominion Game Gun  
Holland & Holland Northwood Boxlock

Holland & Holland Round Action Sidelock  
Holland & Holland Round Action Sidelock Paradox  
Holland & Holland Royal Hammerless Ejector Sidelock  
Holland & Holland Sidelock Shotguns  
Holloway premier Sidelock SxS Model  
Hopkins & Allen Boxlock and Sidelock Models  
Huglu SxS Shotguns  
Husqvarna SxS Shotguns  
IGA Deluxe Model  
IGA Turkey Series Model  
Interstate Arms Model 99 Coach Gun  
Ithaca Classic Doubles Series Shotguns  
Ithaca Hammerless Series  
Iver Johnson Hammerless Model Shotguns  
Jeffery Boxlock Shotguns  
Jeffery Sidelock Shotguns  
K.B.I. Grade II SxS  
Khan Coach Gun  
Kimber Valier Series  
Krieghoff Essencia Boxlock  
Krieghoff Essencia Sidelock  
Lanber Imperial Sidelock  
Laurona Boxlock Models  
Laurona Sidelock Models  
Lefever Grade A Field Model  
Lefever Grade A Skeet Model  
Lefever New  
Lefever Model  
Lefever Nitro Special  
Lefever Sideplate Models  
Leforgeron Boxlock Ejector  
Leforgeron Sidelock Ejector  
Liberty Coach Gun Series  
MacNaughton Sidelock Model  
Malin Boxlock Model  
Malin Sidelock Model  
Masquelier Boxlock Model  
Masquelier Sidelock Model  
Medwell SxS Sidelock  
Merkel Model 8, 47E Side-by-Side Shotguns  
Merkel Model 47LSC Sporting Clays Double  
Merkel Model 47S, 147S Side-by-Sides  
Merkel Model 76E  
Merkel Model 122E  
Merkel Model 126E  
Merkel Model 280 Series  
Merkel Model 360 Series  
Merkel Model 447SL  
Merkel Model 1620 Series  
Merkel Model 1622 Series  
Mossberg Onyx Reserve Sporting  
Mossberg Silver Reserve Field

Navy Arms Model 100  
Navy Arms Model 150  
Orvis Custom Uplander  
Orvis Field Grade  
Orvis Fine Grade  
Orvis Rounded Action  
Orvis Waterfowler  
Parker Fluid Steel Barrel Models (All Grades)  
Parker Reproductions Side-by-Side  
Pederson Model 200  
Pederson Model 2500  
Perazzi DHO Models  
Perugini Ausonia  
Perugini Classic Model  
Perugini Liberty  
Perugini Regina Model  
Perugini Romagna Gun  
Piotti Hammer Gun  
Piotti King Extra Side-by-Side  
Piotti King No. 1 Side-by-Side Piotti Lunik Side-by-Side  
Piotti Monaco Series  
Piotti Monte Carlo  
Piotti Piuma Side-by-Side  
Piotti Westlake  
Precision Sports Model 600 Series Doubles  
Premier Italian made SxS Shotguns  
Premier Spanish made SxS Shotguns  
Purdy Best Quality Game Gun  
Remington Model 1900 Hammerless  
Remington Model SPR210  
Remington Model SPR220  
Remington Model SPR220 Cowboy  
Remington Premier SxS  
Richland Arms Co. Italian made SxS Models  
Richland Arms Co. Spanish made SxS Models  
Rigby Boxlock Shotgun  
Rigby Hammer Shotgun  
Rizzini Boxlock Side-by-Side  
Rizzini Sidelock Side-by-Side  
Rossi Overlund  
Rossi Squire  
Rota Model 105  
Rota Model 106  
Rota Model 411 Series  
Royal American Model 600 Boxlock  
Royal American Model 800 Sidelock  
Ruger Gold Label  
SAE Model 209E  
SAE Model 210S  
SAE Model 340X  
Sarasqueta Mhammerless Sidelock  
Sarasqueta Model 3 Boxlock

Sauer Boxlock Model Shotguns  
Sauer Sidelock Model Shotguns  
Savage Fox Model FA-1  
Savage Model 550  
Scott Blenheim  
Scott Bowood  
Scott Chatsworth  
Scott Kinmount  
SIACE Italian made SxS Shotguns  
SKB Model 100  
SKB Model 150  
SKB Model 200  
SKB Model 280  
SKB Model 300  
SKB Model 385  
SKB Model 400  
SKB Model 480  
SKB Model 485  
Smith & Wesson Elite Gold Series Grade I  
Smith & Wesson Elite Silver Grade I  
Smith, L.C. Boxlock Hammerless Shotguns  
Smith, L.C. Sidelock Hammerless Shotguns  
Spartan SPR Series Shotguns  
Stevens Model 311/315 Series  
Stoeger/IGA Uplander Side-by-Side Shotgun  
Taylor's SxS Model  
Tri-Star Model 311  
Tri-Star Model 411 Series  
Ugartechea 10-Ga. Magnum Shotgun  
Universal Double Wing SxS  
Vouzelaud Model 315 Series  
Walther Model WSF  
Walther Model WSFD  
Weatherby Atheana  
Weatherby D'Italia Series  
Weatherby Orion  
Westley Richards Best Quality Sidelock  
Westley Richards Boxlock Shotguns  
Westley Richards Connaught Model  
Westley Richards Hand Detachable Lock Model  
William Douglas Boxlock  
Winchester Model 21  
Winchester Model 24  
Zoli Alley Cleaner  
Zoli Classic  
Zoli Falcon II  
Zoli Model Quail Special  
Zoli Pheasant  
Zoli Silver Hawk  
Zoli Silver Snipe  
Shotguns—Bolt Actions & Single Shots  
ADCC Diamond Folding Model

American Arms Single-Shot  
ARMSCOR 301A  
Armsport Single Barrel Shotgun  
Baikal MP18  
Beretta 471 EL Silver Hawk  
Beretta 471 Silver Hawk  
Beretta Beta Single Barrel  
Beretta MKII Trap  
Beretta Model 412  
Beretta Model FS  
Beretta TR-1  
Beretta TR-1 Trap  
Beretta Vandalia Special Trap  
Browning BT-99 Competition Trap Special  
Browning BT-99 Plus Micro  
Browning BT-99 Plus Trap Gun  
Browning Micro Recoilless Trap Shotgun  
Browning Recoilless Trap Shotgun  
Crescent Single Shot Models  
CZ Cottontail  
Desert Industries Big Twenty Shotgun  
Fefever Long Range Field  
Frigon FS-4  
Frigon FT-1  
Frigon FT-C  
Gibbs Midland Stalker  
Greener General Purpose GP MKI/MKII  
H&R Survivor  
H&R Tracker Slug Model  
Harrington & Richardson N.W.T.F. Turkey Mag  
Harrington & Richardson Pardner  
Harrington & Richardson Pardner Compact  
Harrington & Richardson Pardner Compact Turkey Gun  
Harrington & Richardson Pardner Screw-In Choke  
Harrington & Richardson Pardner Turkey Gun  
Harrington & Richardson Pardner Turkey Gun Camo  
Harrington & Richardson Pardner Waterfowl  
Harrington & Richardson Tamer  
Harrington & Richardson Tamer 20  
Harrington & Richardson Topper Classic Youth Shotgun  
Harrington & Richardson Topper Deluxe Classic  
Harrington & Richardson Topper Deluxe Model 098  
Harrington & Richardson Topper Junior  
Harrington & Richardson Topper Model 098  
Harrington & Richardson Topper Trap Gun  
Harrington & Richardson Tracker II Slug Gun  
Harrington & Richardson Ultra Slug Hunter  
Harrington & Richardson Ultra Slug Hunter Compact  
Harrington & Richardson Ultra Slug Hunter Deluxe  
Harrington & Richardson Ultra Slug Hunter Thumbhole Stock  
Harrington & Richardson Ultra-Lite Slug Hunter  
Hi-Standard 514 Model

Holland & Holland Single Barrel Trap  
IGA Reuna Model  
IGA Single Barrel Classic  
Ithaca Model 66  
Ithaca Single Barrel Trap  
Iver Johnson Champion Series  
Iver Johnson Commemorative Series Single Shot Shotgun  
Iver Johnson Excel  
Krieghoff K-80 Single Barrel Trap Gun  
Krieghoff KS-5 Special  
Krieghoff KS-5 Trap Gun  
Lefever Trap Gun  
Ljutic LTX Super Deluxe Mono Gun  
Ljutic Mono Gun Single Barrel  
Ljutic Recoilless Space Gun Shotgun  
Marlin Model 55 Goose Gun Bolt Action  
Marlin Model 60 Single Shot  
Marocchi Model 2000  
Mossberg Models G-4, 70, 73, 73B  
Mossberg Models 75 Series  
Mossberg Models 80, 83, 83B, 83D  
Mossberg 173 Series  
Mossberg Model 183 Series  
Mossberg Model 185 Series  
Mossberg Model 190 Series  
Mossberg Model 195 Series  
Mossberg Model 385 Series  
Mossberg Model 390 Series  
Mossberg Model 395 Series  
Mossberg Model 595 Series  
Mossberg Model 695 Series  
New England Firearms N.W.T.F. Shotgun  
New England Firearms Standard Pardner  
New England Firearms Survival Gun  
New England Firearms Tracker Slug Gun  
New England Firearms Turkey and Goose Gun  
Parker Single Barrel Trap Models  
Perazzi TM1 Special Single Trap  
Remington 90-T Super Single Shotgun  
Remington Model No. 9  
Remington Model 310 Skeet  
Remington Model No. 3  
Rossi Circuit Judge Lever Action Shotgun  
Rossi Circuit Judge Shotgun  
Ruger Single Barrel Trap  
S.W.D. Terminator  
Savage Kimel Kamper Single Shot  
Savage Model 210F Slug Warrior  
Savage Model 212 Slug Gun  
Savage Model 220 Series  
Savage Model 220 Slug Gun  
SEITZ Single Barrel Trap

SKB Century II Trap  
SKB Century Trap  
SKB Model 505 Trap  
SKB Model 605 Trap  
Smith, L.C. Single Barrel Trap Models  
Snake Charmer II Shotgun  
Stoeger/IGA Reuna Single Barrel Shotgun  
Tangfolio Model RSG–16  
Tangfolio Blockcard Model  
Tangfolio Model DSG  
Tangfolio Model RSG–12 Series  
Tangfolio Model RSG–20  
Tangfolio RSG-Tactical  
Taurus Circuit Judge Shotgun  
Thompson/Center Encore Shotgun  
Thompson/Center Pro Hunter Turkey Shotgun  
Thompson/Center TCR '87 Hunter Shotgun  
Universal Firearms Model 7212 Single Barrel Trap  
Winchester Model 36 Single Shot  
Winchester Model 37 Single Shot  
Winchester Model 41 Bolt Action  
Winchester Model 9410 Series  
Zoli Apache Model  
Zoli Diano Series  
Zoli Loner Series

4.

Penalties

Section 924(a)(1)(B) of title 18, United States Code, is amended by striking or (q) of section 922 and inserting (q), (r), (v), (w), or (aa) of section 922.

5.

Background checks for transfers of grandfathered semiautomatic assault weapons

(a)

In general

Section 922 of title 18, United States Code, as amended by this Act, is amended—

(1)

by repealing subsection (s);

(2)

by redesignating subsection (t) as subsection (s);

(3)

in subsection (s), as redesignated—

(A)

in paragraph (3)(C)(ii), by striking (as defined in subsection (s)(8)); and

(B)

by adding at the end the following:

(7)

In this subsection, the term chief law enforcement officer means the chief of police, the sheriff, or an equivalent officer or the designee of any such individual.

; and

(4)

by inserting after subsection (s), as redesignated, the following:

(t)(1)

Beginning on the date that is 90 days after the date of enactment of the Assault Weapons Ban of 2017, it shall be unlawful for any person who is not licensed under this chapter to transfer a grandfathered semiautomatic assault weapon to any other person who is not licensed under this chapter, unless a licensed importer, licensed manufacturer, or licensed dealer has first taken custody of the grandfathered semiautomatic assault weapon for the purpose of complying with subsection (s). Upon taking custody of the grandfathered semiautomatic assault weapon, the licensee shall comply with all requirements of this chapter as if the licensee were transferring the grandfathered semiautomatic assault weapon from the licensee's inventory to the unlicensed transferee.

(2)

Paragraph (1) shall not apply to a temporary transfer of possession for the purpose of participating in target shooting in a licensed target facility or established range if—

(A)

the grandfathered semiautomatic assault weapon is, at all times, kept within the premises of the target facility or range; and

(B)

the transferee is not known to be prohibited from possessing or receiving a grandfathered semiautomatic assault weapon.

(3)

For purposes of this subsection, the term transfer—

(A)

shall include a sale, gift, or loan; and

(B)

does not include temporary custody of the grandfathered semiautomatic assault weapon for purposes of examination or evaluation by a prospective transferee.

(4)(A)

Notwithstanding any other provision of this chapter, the Attorney General may implement this subsection with regulations.

(B)

Regulations promulgated under this paragraph—

(i)

shall include a provision setting a maximum fee that may be charged by licensees for services provided in accordance with paragraph (1); and

(ii)

shall not include any provision imposing recordkeeping requirements on any unlicensed transferor or requiring licensees to facilitate transfers in accordance with paragraph (1).

.

(b)

Technical and conforming amendments

(1)

Section 922

Section 922(y)(2) of title 18, United States Code, is amended, in the matter preceding subparagraph (A), by striking , (g)(5)(B), and (s)(3)(B)(v)(II) and inserting and (g)(5)(B).

(2)

Section 925a

Section 925A of title 18, United States Code, is amended, in the matter preceding paragraph (1), by striking subsection (s) or (t) of section 922 and inserting section 922(s).

(c)

Effective date

The amendments made by this section shall take effect 90 days after the date of enactment of this Act.

6.

Use of Byrne grants for buy-back programs for semiautomatic assault weapons and large capacity ammunition feeding devices

Section 501(a)(1) of the Omnibus Crime Control and Safe Streets Act of 1968 (42 U.S.C. 3751(a)(1)) is amended by adding at the end the following:

(H)  
Compensation for surrendered semiautomatic assault weapons and large capacity ammunition feeding devices, as those terms are defined in section 921 of title 18, United States Code, under buy-back programs for semiautomatic assault weapons and large capacity ammunition feeding devices.

.

7.

#### Severability

If any provision of this Act, an amendment made by this Act, or the application of such provision or amendment to any person or circumstance is held to be unconstitutional, the remainder of this Act, the amendments made by this Act, and the application of such provision or amendment to any person or circumstance shall not be affected thereby.