

MAGTECH



2023 PRODUCT ANNUAL



MAGTECH 2023 A HIGHER STANDARD.

Our factory produces ammunition for the military forces of over 50 countries. As one of the main suppliers to NATO, we must adhere to some of the most demanding standards in our industry. Magtech's commitment to these higher standards flows through everything we do. From our .22 LR to our 50 BMG, every round we make must be the very best.

CONTENTS

Story: Subsonic	04-05
Magtech Range/Training	06-07
Magtech Tactical Rifle	08-09
Magtech Brand	10-11
Magtech Self-Defense/Duty	12-13
Magtech Cowboy Action	14-15
Story: Gateway	16-17
Magtech .22LR Rimfire	18-19
Magtech Brand	20-21



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WHAT'S ALL THE NOISE ABOUT BEING QUIET?

What you need to know about subsonic ammunition...

By Magtech Engineering Staff





Subsonic ammunition has been in high demand in recent years. The casual shooter may wonder what that's all about. We'll cover that in this article.

For our purposes, subsonic is a term that relates to the speed of a bullet traveling through the air, measured at the muzzle, at less than the speed of sound. A sound wave travels through the air at 1,125 feet per second. That's the speed of sound. Bullets traveling less than 1,125 ft/s are considered subsonic. Bullets traveling faster than the speed of sound are considered supersonic. But why does that matter?

You've probably heard of the term sonic boom. A sonic boom is a sound associated with shock waves created when an object travels through the air faster than the speed of sound. The power, or volume, of the shock wave depends on the size and shape of the object. An airplane makes a very loud sonic boom in comparison to a bullet. Nonetheless, a bullet traveling at supersonic speed makes a boom that can be quite loud to the human ear.

Why does any of this matter? Suppressors, that's why. Suppressors (a.k.a. silencers) are extremely popular. Reducing the sound of a gunshot makes the shooting experience more pleasurable for the shooter, bystanders, and neighbors. It's also safer for everyone's ears. But firing guns with suppressors can still be extremely loud. That's because the silencer does nothing to suppress the sound of a supersonic bullet's sonic boom.

Enter subsonic ammunition. Since it's traveling at < 1,125 ft/s, there is no sonic boom. The silencer suppresses the muzzle blast, you know that little explosion in the gun's chamber, and a much quieter shooting experience is the result.

A sidenote on suppressors, they are not as difficult to purchase as one might imagine. They are legal in 42 states at the time of this writing. There are several online dealers that will handle your paperwork and ATF approval. You can have your suppressor in about 90 days.

Like most anything, there are pros and cons to subsonic ammunition. We've already hit on the pros, using subsonic ammunition with a suppressor is better for everyone's ears.

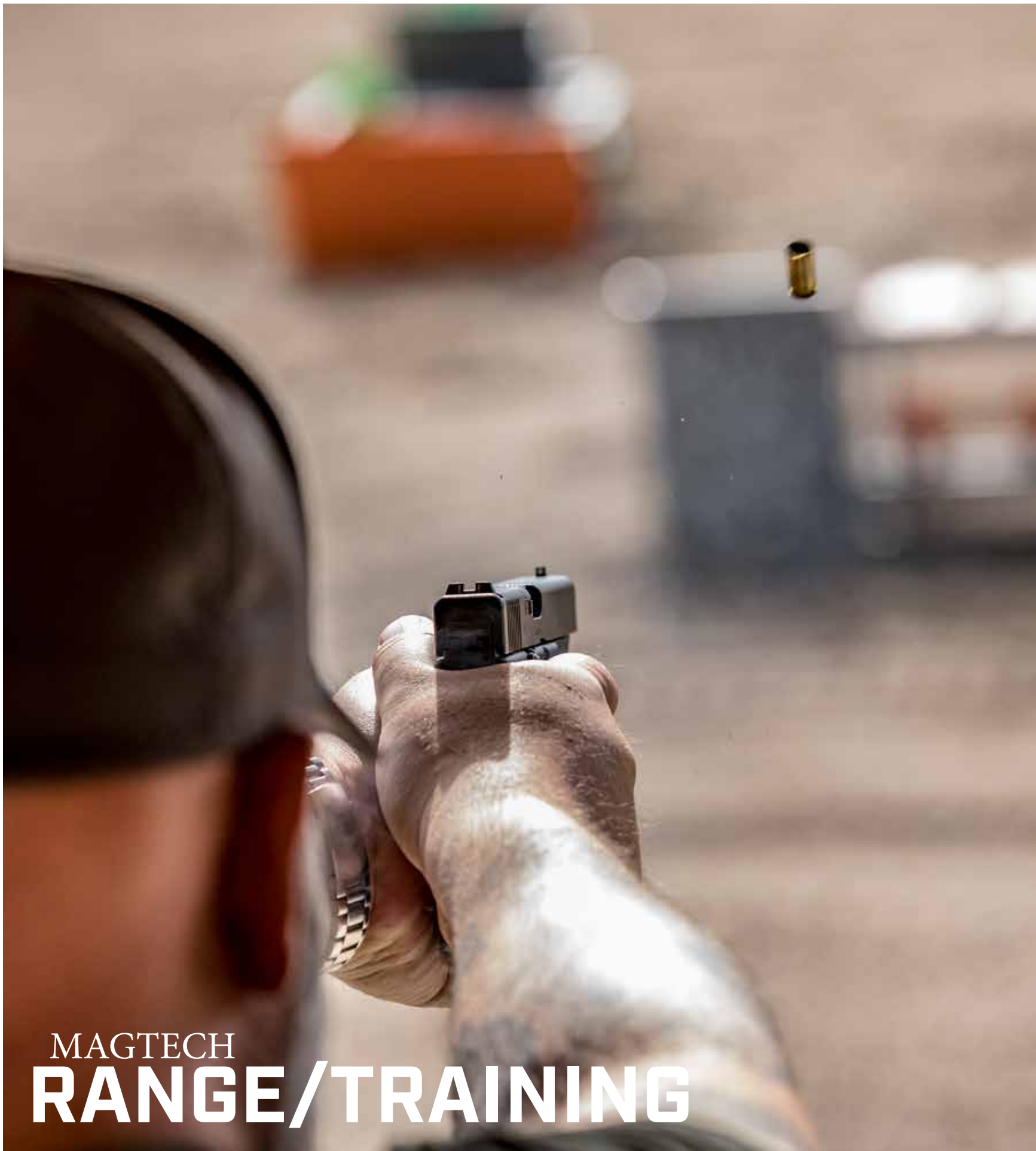
The cons, supersonic ammo has a higher velocity, better range, more stopping power, and a flatter trajectory than subsonic ammo. Go with supersonic for long range shooting, hunting, and self-defense purposes.

Magtech's 200-grain 300 Blackout ammunition is a great example of a rifle round that's easy to suppress. It leaves the barrel at around 1,000 ft/s. It's about as close to "Hollywood quiet" as you can get.

Pistols and pistol caliber carbines are also popular with suppressor owners. Magtech offers two subsonic 9mm Luger rounds, a 147-grain full metal jacket and a 147-grain jacketed hollow point.

Also on the pistol side, note the velocity of standard 230-grain 45 Auto ammunition. Standard 45 Auto like Magtech's 45A has a muzzle velocity of about 840 ft/s. It won't be labeled as subsonic since it's not a special load. Just know that it's traveling at less than the speed of sound making it a great suppressor option.

Now you know the deal on subsonic ammunition and suppressors. Give it a try the next time you hit the range. See if it's as quiet as Hollywood would have you believe.



MAGTECH
RANGE/TRAINING

RANGE/TRAINING						
Caliber	Item No.	Bullet		Muzzle Velocity (fps)	Muzzle Energy (ft. lbs.)	Ballistic Coefficient G1
		Bullet Weight	Projectile Type			
10mm	10A	180	FMJ	1230	605	0.197
25 AUTO	25A	50	FMJ	760	64	0.093
32 AUTO	32A	71	FMJ	905	129	0.134
	32C	71	LRN	905	129	0.134
32 S&W	32SWA	85	LRN	680	87	0.137
32 S&W L	32SWLA	98	LRN	705	108	0.123
	32SWLB	98	LWC	682	102	0.039
	32SWLC	98	SJHP	778	132	0.141
357 MAG	357A	158	SJSP Flat	1235	535	0.172
	357B	158	SJHP	1235	535	0.172
	357D	158	FMJ Flat	1235	535	0.172
	357Q	125	FMJ Flat	1405	693	0.174
38 S&W	38SWA	146	LRN	686	153	0.146
38 SPL	38A	158	LRN	755	200	0.149
	38B	148	LWC	709	165	0.055
	38C	158	SJSP Flat	755	200	0.149
	38E	158	SJHP	807	229	0.149
	38G	125	LRN	686	131	0.139
	38J	158	LSWC	755	200	0.149
	38P	158	FMJ Flat	755	200	0.172
	38Q	125	FMJ Flat	938	244	0.163
	38T	130	FMJ	800	185	0.181
38 SPL +P	38D	125	SJSP Flat	938	244	0.163
	38F	125	SJHP	938	244	0.163
	38H	158	SJHP	886	275	0.172
	38N	158	SJSP Flat	886	275	0.172
38 SUPER +P	38S	130	FMJ	1215	426	0.159
380 AUTO	380A	95	FMJ	951	191	0.082
	380D	95	LRN	951	190	0.082
40 S&W	40B	180	FMJ Flat	990	392	0.200
	40C	160	LSWC	1165	482	0.169
	40G	165	FMJ Flat	1050	404	0.200
	40PS	180	FMJ Flat	1050	441	0.197
44 REM MAG	44A	240	SJSP Flat	1180	742	0.172
	44C	240	FMJ Flat	1180	742	0.175
44 S&W SPL	44F	240	FMJ	722	278	0.175
44-40 WIN	4440A	200	LFN	1180	619	0.173
45 AUTO	45A	230	FMJ	837	358	0.194
	45B	230	FMJ-SWC	780	311	0.184
45 GAP	45GA	230	FMJ	837	358	0.167
454 CASULL	454A	260	SJSP Flat	1798	1867	0.167
	454B	260	FMJ Flat	1798	1867	0.167
500 S&W	500A	400	SJSP Flat	1608	2297	0.186
	500B	325	SJSP Flat	1805	2352	0.155
	500D	325	FMJ Flat	1805	2352	0.155
	500L	325	SJSP-Flat Lgt	1380	1375	0.155
9 x 19mm	9A	115	FMJ	1135	329	0.144
	9B	124	FMJ	1109	339	0.160
	9D	95	JSP Flat	1345	382	0.137
	9E	124	LRN	1109	339	0.160
	9G	147	FMJ Flat Sub	990	320	0.200
	9K	147	JHP Sub	990	320	0.200
	9S	124	JSP	1109	339	0.160
	9NATO	124	FMJ	1329	486	0.160

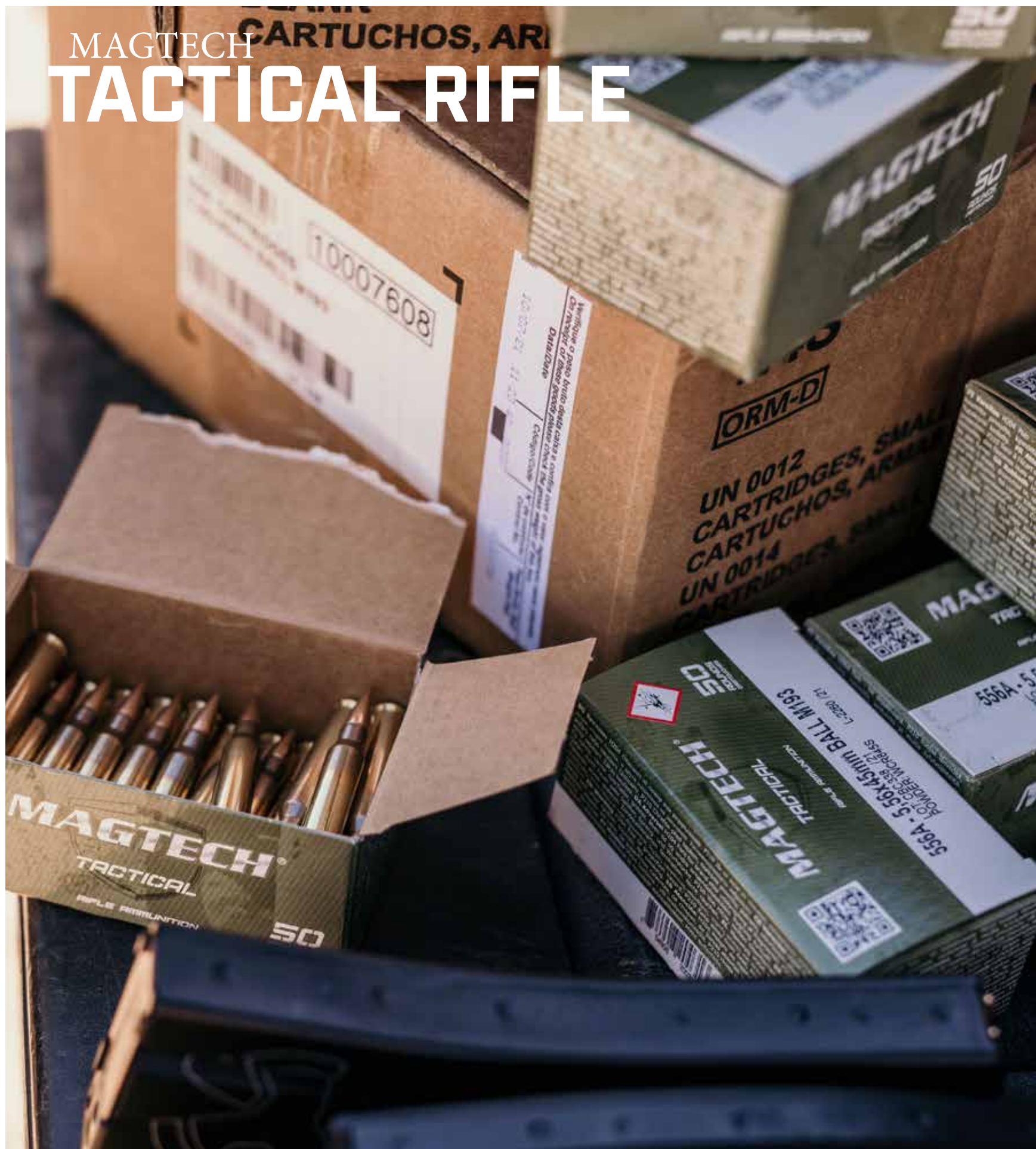
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It's the cornerstone of our business. More shooters rely on Magtech full metal jacket rounds than any other. Whether you are practicing your El Presidente, honing your trigger press or shooting cans in the back 40, you can think about achieving your goals. We have the ammo covered.



MAGTECH TACTICAL RIFLE





Our rifle ammunition is currently in use by over 100 countries around the globe. Whether it's an AR-15 or a bolt action rifle, trust Magtech to deliver quality, shot after shot.

TACTICAL RIFLE						
Caliber	Item No.	Bullet		Muzzle Velocity (fps)	Muzzle Energy (ft. lbs.)	Ballistic Coefficient G1
		Bullet Weight	Projectile Type			
30 CARBINE	30A	110	FMJ	2000	977	0.178
	30B	110	PSP	2000	977	0.178
300 BLACKOUT	300BLKA	115	OTM	2280	1328	0.325
	300BLKB	123	FMJ	2230	1359	0.330
	300BLKSUBA	200	FMJ Sub	1050	490	0.560
12.7 x 99mm [.50]	50BMGA	656	FMJ	2953	12657	0.663
5.56 x 45mm	556A	55	FMJ	3265	1302	0.272
	556A-LK	55	FMJ	3265	1302	0.272
	556B	62	FMJ	3085	1311	0.340
	556B-LK	62	FMJ	3085	1311	0.340
7.62 x 51mm	762A	147	FMJ	2740	2451	0.398
	762A-LK	147	FMJ	2740	2451	0.398

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TESTED. TRIED. PROVEN.

(IT'S HOW WE'RE BUILT)

You can't fake it, you can't bottle it. It's real, it's fluid.

Work your 60 hours during the week but still up early on Saturday to get some trigger time. We raise a water bottle to you at the range and a beer when the day is done.





MAGTECH
SELF-DEFENSE/DUTY

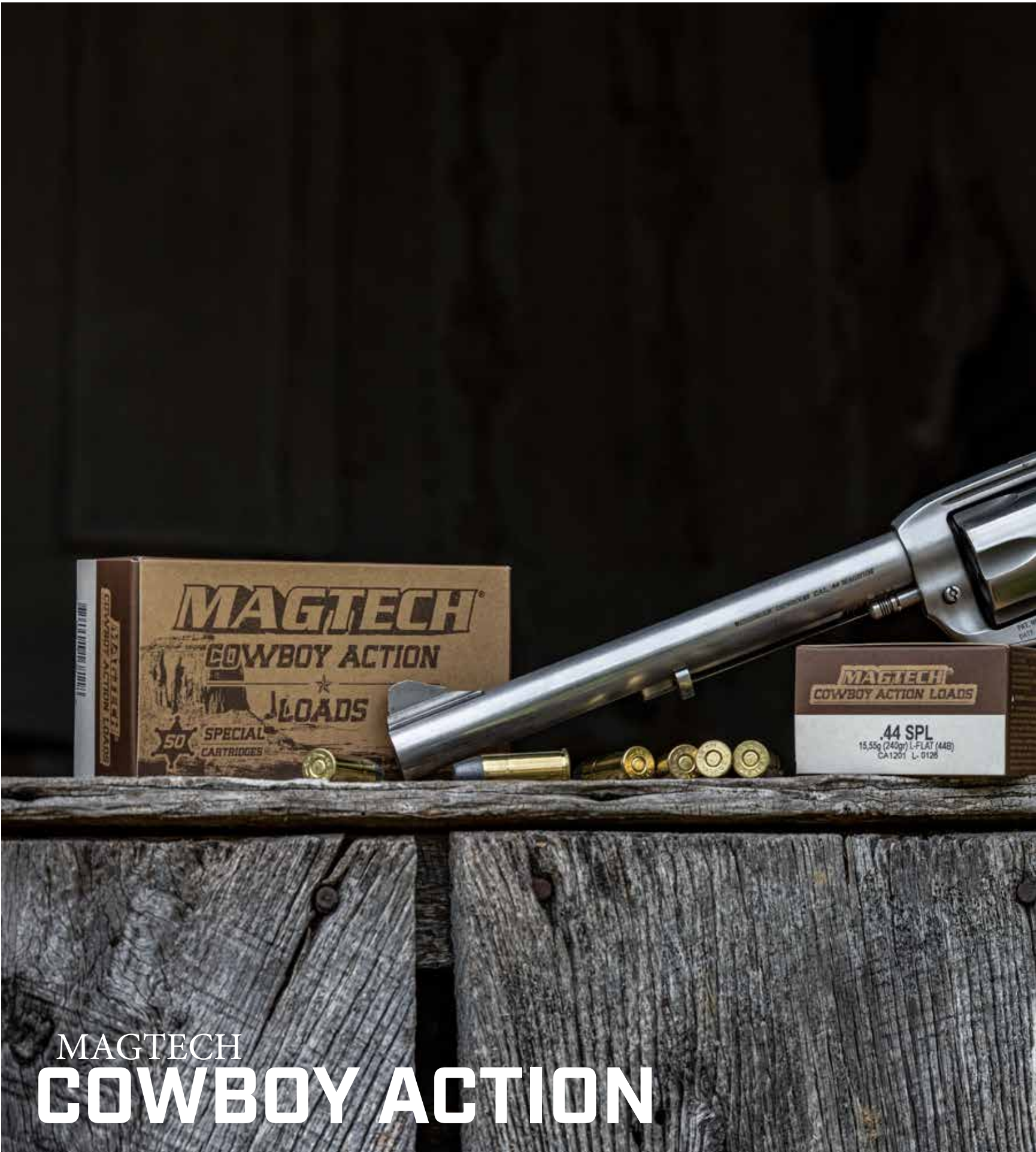


When stopping the threat is your primary concern, trust Magtech self-defense ammunition. It's counted on by elite law enforcement teams across the globe including the Battalion of Special Operations in Brazil (BOPE), arguably the most active unit of its kind in the world.

SELF-DEFENSE/DUTY						
Caliber	Item No.	Bullet		Muzzle Velocity (fps)	Muzzle Energy (ft. lbs.)	Ballistic Coefficient G1
		Bullet Weight	Projectile Type			
32 AUTO	32B	71	JHP	905	129	0.134
380 AUTO	380B	95	JHP	951	190	0.082
9 x 19mm	9C	115	JHP	1155	341	0.144
9 x 19mm +P	9H	115	JHP	1330	452	0.142
40 S&W	40A	180	JHP	990	392	0.174
10mm	10B	180	JHP	1230	605	0.174

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MAGTECH
COWBOY ACTION



Have a soft spot for revolvers and lever guns? So do we. That's why we offer an assortment of easy-shooting, lead round nose loads in traditional cowboy calibers. Step back in time and channel your inner Doc Holliday or Annie Oakley with Magtech Cowboy Action.

COWBOY ACTION

Caliber	Item No.	Bullet		Muzzle Velocity (fps)	Muzzle Energy (ft. lbs.)	Ballistic Coefficient G1
		Bullet Weight	Projectile Type			
357 MAG	357L	158	LFN	1085	413	0.172
	38L	158	LFN	800	225	0.172
38 SPL	38U	125	LFN	920	235	0.172
	44B	240	LFN	760	308	0.177
44 S&W SPL	4440B	225	LFN	755	285	0.175
	4440C	200	LFN	722	232	0.173
44-40 WIN	45D	250	LFN	760	321	0.200
	45F	200	LFN	705	221	0.170

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WHY .22 LR IS A PERFECT GATEWAY

By Rob Utendorfer

Here's an article, I never thought I'd be writing. Why would anyone care what an average Joe has to say about getting started in recreational shooting? Well, hopefully it is something relatable to the experts out there, take them back to how they started or simply proof to the newbies, there are fun and economical ways to get started.

I grew up as a waterfowler, shooting shotguns exclusively with my dad and grandpa — with the occasional novelty of pulling out my grandpa's old Winchester bolt-action .22LR or Smith & Wesson .22LR revolver. It wasn't that I had anything against the pistol and rifle world, I just didn't get exposure to it.

Fast forward about thirty-years, and I got the opportunity to work with the guys at Magtech. I come from a powersports and outdoor sports background and it's amazing as to how similar the industries are. They're gear intensive, filled with active enthusiasts and a whole pile of experts.

I've been fortunate enough to photograph some great shooters at some great ranges and locations. There is always a little downtime at any shoot, and one day I got the opportunity to shoot some long-range rifles. We started at 250yds, walked our way out through 500, 750 and 1,000 yds. I must admit, watching trace and hearing steel ring was pretty dang cool, but I wasn't going to rush out and drop \$10k on a proper 6.5 Creedmoor rifle, optic and gear.

Another shoot takes place, and guess what? More opportunities to shoot and learn. This time it was a pistol and carbine class. 9mm sidearms and 5.56 carbines. We were introduced to practical zeroing, transition between weapons, how distance affects point-of-impact, off-hand shooting, shooting in and around barricades. Parts of this seemed more attainable. Soon I found myself scouring local gun shops, and trying

"I STARTED AT THE WRONG TIME. AMMO AVAILABILITY AND PRICES WERE DIFFICULT. WHAT I FOUND WAS .22LR WAS A GREAT WAY TO START TRAINING."

to find — as hard as that sounds — a Glock G17 like I had used in class. Along the way I saw they had recently released the G44, a .22LR that has the same basic fit, form and feel of the 9mm G17. So, I started building a kit with those two handguns. With an appreciation for what I've been taught, I started to learn more and gain confidence in my abilities and gun handling. And the .22 has been fun to have along the way. When I'm at the range with friends, it gets a sideways look from some shooters, or

even a scoff. After they get to run a few magazines through it, that scoff has turned into a smile and they admit how much fun they just had.

And that's what I think is great about the .22LR round. It's unassuming and pretty darn fun. It can function as a gateway for people. The round is cheap, offers virtually no-recoil and is quiet as far as firearms go.

That being said, it can also be used for competitive shooting or simply the challenge associated with it. In the photos on the far right, might be the most fun you can have with a firearm and a 100yds. That is a KYL (know your limits) target. With targets ranging from a 2" circle down to a .25" pencil. I had the opportunity to shoot it with a competitive chassis rifle and high-end optic. It left me with a stupid grin on my face and general amazement about the fun you can have with rimfire ammunition.

Similar to the long-range rifles, I was fortunate enough to run, I can't see myself owning that rig, but I do appreciate the performance it delivers. For now, I'm content running a Ruger 10/22 and a simple, auto-reset spinner target at the cabin. I can work on fundamentals and introduce others to the fun of recreational shooting. Who knows where we'll go from here, but I know .22LR will always have a spot on my bench.

Rob Utendorfer
Graphic Design and Photographer





MAGTECH
.22 LR RIMFIRE



Magtech inaugurated a new state-of-the-art rimfire ammunition factory. The new line is one of the most advanced in the world, capable of producing millions of .22 cartridges every day. Our advanced quality controls equate to increased reliability, consistent performance, and better precision.

.22 LR RIMFIRE

Caliber	Item No.	Bullet		Muzzle Velocity (fps)	Muzzle Energy (ft. lbs.)	Ballistic Coefficient G1
		Bullet Weight	Projectile Type			
.22LR	22B	40	LRN	1150	117	0.15

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