

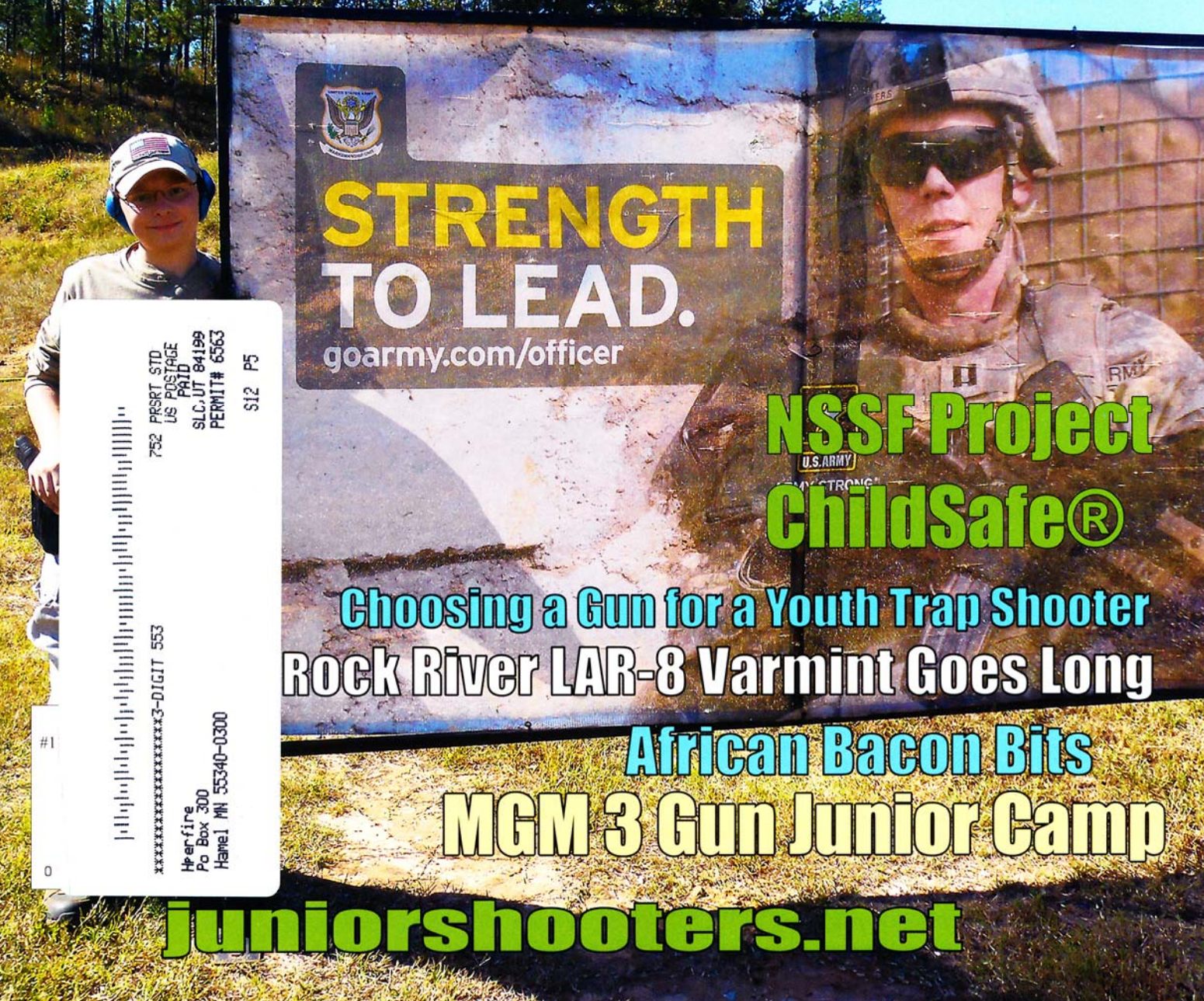
JUNIOR SHOOTERS

Volume 17 / Spring 2014

MAKING A MARK



U.S. ARMY Marksmanship Unit Junior Camp



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JUNIOR GEAR GUIDE

HPERFIRE

By: Dave Furney

I recently received three trigger assemblies from HPERFIRE (High Performance Firearms LLC) for testing and evaluation. They were the Hipertouch HPT 24, 24C, 24E drop-in trigger assemblies. These are not your usual looking drop-in trigger groups. They had a few extra parts with them. They have a spring leverage system on top of the usual trigger assemblies.

Note: Always follow safe operational practices and wear your safety glasses when working on firearms. Also, have a thorough understanding of the operation and procedures for installing trigger groups.

The first thing I did was unpackage the first packet. It was the HPT 24 group. This is their base-level trigger. I looked over and read the instruction sheet. It's a very thorough and detailed parts and installation manual. Great diagrams, also. They also have an installation video available at Hiperfire.com. I watched this, also. I know my way around the AR platform, so the first install was somewhat easy. I had a lower receiver for an AR 15 already stripped of its trigger group ready to go. I installed the assembly per the instructions. The install is pretty standard until you put the upper toggle/spring assembly in. Just make sure you follow the instructions for proper orientation of the components. I used the lightest trigger-pull weights first. Three sets of two springs come in the package. The springs are color-coded. I tested for proper function and reset. Wow, what a nice trigger pull and reset. I then installed each

of the other spring sets to check their pull. There is a noticeable difference in the trigger pulls between them. I then reinstalled the light plain springs.

The next trigger I installed was the 24C. It is their competition trigger assembly. It has a flat trigger with a red trigger shoe if you want to use that option. I've seen flat triggers at some matches and also noticed this trigger on a few competition rifles at this year's SHOT Show. This one I installed on one of the Modern Sporting Rifles that one of our junior shooters will use in the upcoming 2014 season. The install is the same except you need to install the curved shoe when you drop the trigger through the receiver if you have a fixed trigger guard. I set this one with the yellow, medium-light springs. I tested for proper function. This is an awesome trigger -- a little cleaner breaking with a shorter reset. I didn't think that you could improve on the standard 24. They nailed it.

Last, I put the 24E (elite) group in

the Squads RRA LAR-8 .308 26" varmint rifle. This gun is used for long-range portions of stages at the Ironman 3-Gun Match and for our long-range training. I used the light plain springs on this install. This trigger is great, also. It has a very short trigger to hammer release. The reset is shorter as well. Andy tested it at the range and he was all smiles. One-hole groups at 100 yards that came out to 0.5 MOA.

Finally, off to the range. The first gun I shot was my custom build with the 24 trigger group. It's set up for 3-gun. It has a CBI 16" 1:8 Twist, mid-length barrel in it with a Weaver Tactical 1-5x 24 scope for optics. I was able to get a 1/2" MOA group with Hornaday 75-grain steel match off the bench at 100 yards. That's the best group it's shot so far with this gun. I was averaging 1" groups with a two-stage trigger before with this factory ammo. I let a couple of other shooters try it, and they were totally impressed. I ran it through a couple of drills. I found the



Hpertouch 24

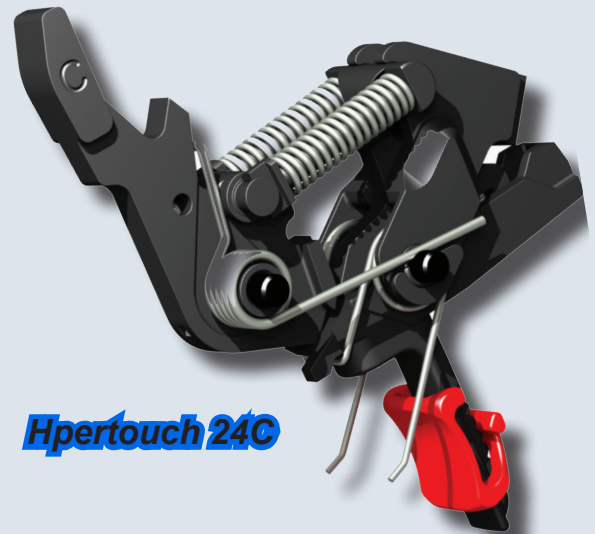
HIPERFIRE®

Triggers for ARs - Modern Sporting Rifles

trigger pull was a bit too light at 2.7 lbs. for moving and fast shooting. I switched to the yellow springs at 3.5 lbs. Perfect. I again tried the bench and was able to duplicate my groups. If I was going to use my gun for varmint shooting, I would switch out to the lighter springs. It only takes a minute or two to change them out. I would recommend a novice shooter should start out with the heavier blue springs.

Next, I ran the 24C through a stage. With the yellow, medium-light springs, it was great. The trigger has a crisp engagement and a very short reset. I bench-tested the rifle and got some good groups. This is an awesome trigger, and I'm sure it will help our squad with our training and matches with the junior who gets to use it as their gun. A further review will be coming after this next season.

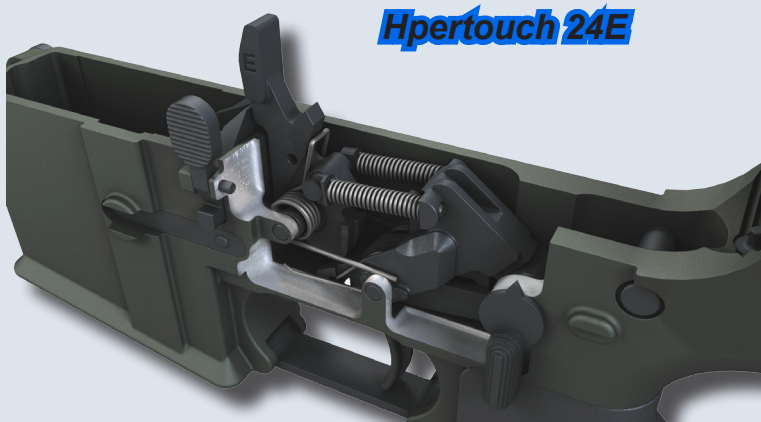
I have used a lot of different triggers over the years, and I'm super impressed with Hiperfire triggers. I'm sure a lot of engineering and R&D has gone into these triggers. The price is competitive with the other manufacturers out there. I'm sure you won't be disappointed if you get one.



Hpertouch 24C



Hpertouch 24



Hpertouch 24E

