



Member Tested and Recommended Program

Monday, March 22, 2010

Thank you for participating in our “Member Tested and Recommended Program.” The 308 Win 110 gr TAP Urban has been tested and recommended by the members of the National Tactical Officers Association. Your overall score was a **3.13**. The NTOA Member Tested and Recommended logo may be used solely on the specific product that was tested.

Attached with this letter, is the Member Tested and Recommended Logo which can be used on all marketing pieces for this product. Also attached is a copy of the complete reviews that your company can use as well.

Press releases written regarding this product review must be emailed to NTOA for review before release.

Since the review is completed, it will now be added to online Member Tested product database. To make the review complete, please send us a digital image of the product that has been tested. This is now listed on the NTOA’s Member Tested and Recommended online database and review will soon be published in *The Tactical Edge* journal.

Please contact Corey Luby at advertising@ntoa.org if you would like to advertise in *The Tactical Edge* journal. Once again, thank you for participating in the Member Tested and Recommended Program©.

Thank you,

Corey Luby
800-279-9127x120



Hornady Mfg
308 Win 110 gr TAP Urban
Overall Score: 3.13
<http://www.hornady.com>

TESTER

Tested by a police officer from Pennsylvania

Design 5

Performance 3

Ease of Use

Size

Quality 4

Durability

Storage

Versatility 3

Convenience

Application 4

Comfort

Accuracy 2

Cleaning & Maintenance

Individual Score 3.5

I tested the Hornady 308 110 gr. TAP Urban round in a custom Remington 700 rifle with a 20 inch Hart barrel. This rifle routinely fires the 168 grain Hornady A-Max bullet in ½ MOA groups. The test was performed on a clear day with winds at 0 – 2 mph from 10 o'clock and the temperature was 61 degrees. Distance to target was 100 yards and all rounds were slow fired.

The Hornady TAP Urban Round uses a lighter projectile that has a ballistic coefficient of 0.290 with a published muzzle velocity of 3172 fps. At first impression, the idea of using such a light projectile with a relatively low B.C. doesn't seem advantageous. After consulting ballistic charts, when the rifle is zeroed for 10 yards, the drop of the bullet at 200 yards is 2.8 inches when compared to 4.2 inches with a 168 grain A-Max bullet. The drop at 300 yards is 11.1 inches vs. 14.9 with the 168 gr. projectile. The velocity at 300 yards decreases to 2230 fps and the energy drops to 1218 ft. – lbs. Wind drift is also decreased with the 110 grain bullet. The biggest advantage with the 110 grain Urban round is the prevention of over penetration, reducing the risk of secondary casualties. Hornady lists this round as providing rapid expansion, fragmentation and low retained weight, making it a poor choice when having to shoot through glass or other barriers.

This round impacted ¾" higher than the Hornady 168 gr. BTHP Tap Round and 1 ¾" higher than my standard deployment round. The group size was 1 ¾" at 100 yards. This rifle routinely fires the 168 grain Hornady A-Max bullet in ½ MOA groups. Testing of this round in different firearms is advisable for determining POA / POI differences with this round and a barrier defeating round since this round would be very ineffective if fired at a target through glass. The concept of the lighter bullet and reduction of the chance of collateral damage is very appealing as

is the flatter trajectory. The accuracy still needs to be 1 MOA or less to be considered for routine sniper deployment.

TESTER

Tested by a police officer from Wisconsin

Design

Performance 3

Ease of Use

Size

Quality 5

Durability

Storage

Versatility

Convenience

Application 2

Comfort

Accuracy 1

Cleaning & Maintenance

Individual Score 2.75

All of the ammunition that I tested was shot through my Remington 700P .308 in H-S Precision stock that utilizes a 20 inch barrel (cut down and recrowned from the factory length of 26 inches by Sniper gunsmith Charles Milazzo). Badger Ordnance rings and base hold a Leupold 3.5-10x40 optic on the receiver. I have had no accuracy issues with this weapon system and it has been even more accurate with the barrel getting cut down.

During the testing day, our greatest range available was 100 yards, but considering the information provided by the American Sniper Association on average police shootings, I was able to go to greater distances than most LE snipers will have to deal with operationally.

Overcast skies, about 30 degrees and high humidity were the order of the day.

Hornady's 110 grain TAP would seem to be the ammunition that my rifle hates. Consistently accurate in close (holding less than one inch groups of five round shots at 25 and 50 yards), when I went back to 75 yards it was like shooting buckshot from a shotgun!

I was unable to get two shots touching, much less within an inch. The 100 yard grouping opened up to over four inches.

In this ammunition's defense, it is severely cooking for a .308 caliber, exiting the barrel at 3170 feet per second. It is my layman's guess that the combination of Remington's twist rate with this hot load caused the bullet to not stabilize in flight past 50 yards.

My rifle has devoured 155, 165, 168 and 175 grain ammunition with no troubles at all in the past and this is the only 'light-weight' .308 round that I've had occasion to test.

Based on issues with the accuracy, I could not recommend it for duty use through a similar system, although there is always the possibility that this is my 'hated' load for this rifle. I had high hopes for this ammunition, as we're always looking at ways to limit over-penetration when we have to ensure the safety of innocents.

The ammunition came in Hornady's distinct red box with white lettering, with lot number and ballistics information on the back. The brass was new and clean and the bullet has the distinct red plastic tip.