



Member Tested and Recommended Program

Tuesday, August 15, 2006

Thank you for participating in our “Member Tested and Recommended Products Program.” The **.223 Simunition Kit (bolt & round)** has been tested and recommended by the members of the National Tactical Officers Association. Your overall score was a **4.4**. 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 Logo which can be used on marketing pieces for this product and a copy of the reviews. This review will soon be published in the Tactical Edge journal, the Member Tested Product Review Guide, and NTOA website.

If your company is interested in advertising in this comprehensive review guide, please contact Corey Luby at coreyluby@ntoa.org. Once again thank you for participating in this worthwhile program.

Thank you,

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Simunition

.223 Simunition Kit (bolt & round)

Overall Score: 4.4

<http://>

TESTER

Tested by a police officer from Pennsylvania

Design 4

Performance 4

Ease of Use 4

Size 4

Quality 4

Durability 4

Storage 4

Versatility 4

Convenience 4

Application 4

Comfort 4

Accuracy 4

Cleaning & Maintenance 4

Individual Score 4

This .223 sim conversion performed flawlessly. A huge step up in ease of operation and function from the upper receiver sim conversion. We did note an increase in the cyclic rate with the conversion but it was controllable and accurate. We tested it out to 50 yds and found it more accurate than the upper conversion assembly. I can't say enough about the ease of operation, it is as simple as replacing the bolt assembly and properly making the weapon, (I would recommend the purchase of the available "blue-grip"). I also recommend that magazines be marked and dedicated to sim-only use. All in all, considering the cost of the conversion and Sim rounds, and the discussed ease of operation and great performance, I can honestly say that it is one of best products available for this application.

TESTER

Tested by a police officer from Pennsylvania

Design 4.5

Performance 5

Ease of Use 5

Size 5

Quality 5

Durability 4.5

Storage 5

Versatility 5

Convenience 5

Application 5

Comfort 4

Accuracy 5

Cleaning & Maintenance 4.5

Individual Score 4.81

I tested the SIMUNITION conversion bolt for the M4/M16, Diemaco C7/C8 family. The conversion bolt allows the SIMUNITION FX 5.56 marking cartridge to be used in those weapons. Due to changes in the dimensions of the bolt face the conversion “impedes” actual lethal .223 Remington/5.56 mm cartridges from being fired. SIMUNITION states, “the chambering of live lethal ammunition remains a possibility.” The FX 5.56 marking cartridge has a smaller diameter case head, therefore, a live round cannot easily come into contact with the bolt face, thus preventing the firing pin from hitting the cartridge primer. The area of the bolt that is visible in the ejection port is SIMUNITION Blue.

The conversion is disconcertingly simple, as only the host weapons bolt carrier and bolt are removed and installing the SIMUNITION FX bolt completes the mechanical conversion. The host weapon still needs to be designated as a “sims” weapon with blue tape. The conversion bolt also changes the operation of the host weapon somewhat. The conversion bolt is one piece and it does not lock into battery. It basically is a simple “blow back” system.

The FX 5.56 bolt was used in a DPMS 16 inch AR15, a Colt 20 inch AR15, and a Bushmaster 14.5 inch M4/M16. All three functioned perfectly. Accuracy was very good. Due to the smaller diameter of the projectile and the higher velocity, users are at greater risk of discomfort from the round. As always, read and follow the instructions. I recommend adding this to your sims training.