



Ultimate Training Munitions

Instructor Certification Course



*As **real** as it gets...*

History of UTM

- UTM started in 2006 when it was established as the US Army's Program of Record for Training Ammunition
- The program was called CCMCK - Close Combat Missions Capabilities Kit
- UTM is on its 4th 5-year IDIQ contract and the CCMCK has grown to include: Army, Air Force, Marine Corp, Coast Guard, Navy, National Guard, The Reserves and SOCOM
- UTM has supplied well over 300m rounds to this contract alone
- UTM has recently been awarded numerous other US Military contracts to include a US SOCOM 5-year that includes 9mm, 556 and 762 loose and linked blanks, MMR and RVR

History of UTM

- UTM has contracts and supplies training ammunitions to over 6,000 police depts. in the US
- UTM supplies over 108 US Federal Law Enforcement Agencies to include the Secret Service, ATF, US Marshalls, FBI and many more
- UTM supplies and supports the US State Dept. in the US and abroad
- UTM supplies training ammo to hundreds of LE Training Academies for both State and Local as well as Federal. This includes large multi-agencies training enters like FLETC, Federal Law Enforcement Training Center – this center trains over 102 federal agencies as well as hundreds of local police depts.

History of UTM

- UTM provides training and products across the world and currently services over 60 countries
- We are now the largest manufacturer of Marking Ammunition in the world

Goal of the 2025 Conference - Maximize Partners' Potential

- Increase Product Knowledge
- Understands the potential of training
- Enabled to deliver training
- Use the full system
- Increase communication between UTM and Partners

Summary: *Partners will have the knowledge to show the End Users how to incorporate UTM into their current training programs and how to expand their current training programs using the complete UTM system.*

UTM SYSTEM COMPONENTS



- 1. Ammunition and Conversions**
- 2. Personal Protective Equipment**
- 3. Portable Training Facilities**
- 4. Training Programs**



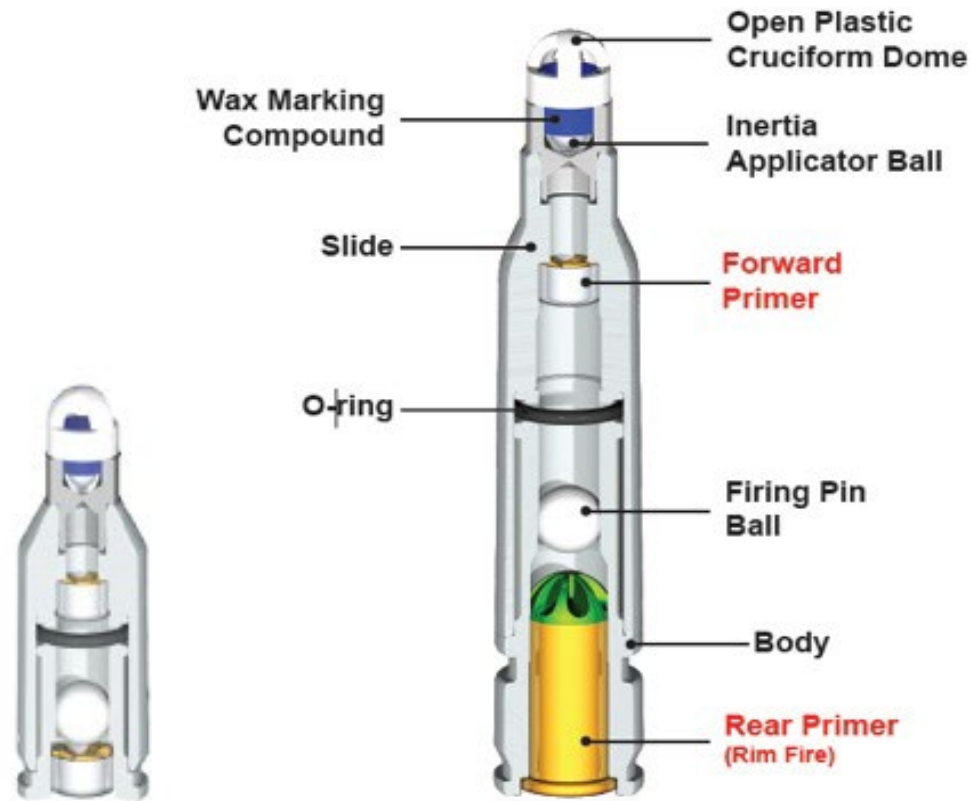
Ammunition



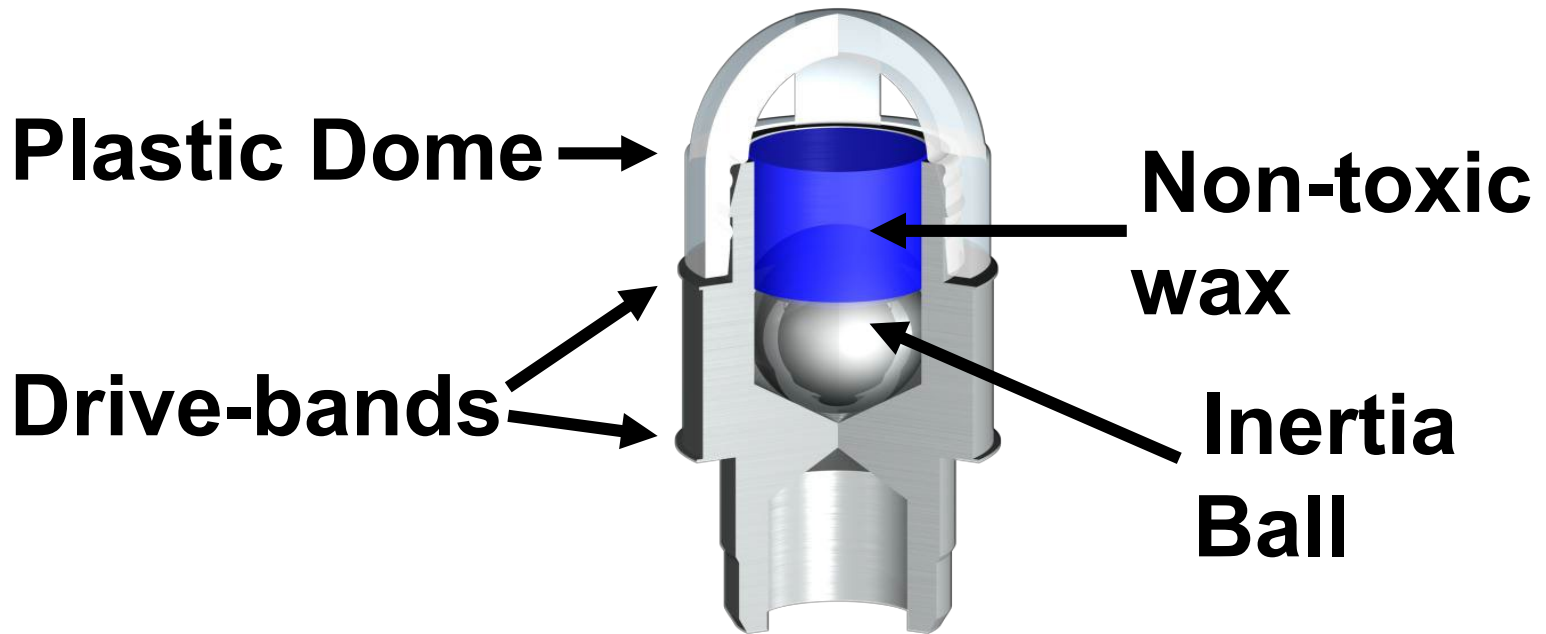
7.62x51, 7.62x39, 5.56mm, 5.7mm, 4.6mm and 9mm



MAN MARKING ROUND (MMR)



MAN MARKING ROUND (MMR)



 **UTM**[®]
MAN MARKING ROUND (MMR)

Value Prop for MMR

- **Most accurate on the market**
- **Most reliable marking (inertia)**
- **Safest**
- **Cleanest and most reliable function**
- **Greatest variety (types & calibers)**

Use in Training MMR

- **Basic and Advanced Firearms Training**
- **CQB Skills Training**
- **Scenario Training**
- **Force on Force Training**
- **Safe for High Risk Skills Training**
- **Combined with Laser System Training**
- **All aspects of the Training Model to include skills, force on target, force of role-player, force on force scenarios**



12 Gauge, 7.62x51, 7.62x39, 5.56mm, 5.7, 4.6 and 9mm
18" STAND OFF



UTM®

BATTLEFIELD BLANK ROUND (BBR)

Value Prop for BBR

- **Most realistic weapon function (recoil)**
- **Most reliable function**
- **Safest**
- **Cleanest**
- **No stand off**
- **Greatest Variety (Types & Calibers)**

Use in Training BBR

- **Basic and Advanced Firearms Training**
- **New shooters to advanced**
- **CQB Skills Training**
- **Combative Skills Training**
- **Safe for use in any building or training location**
- **Safe for High Risk Skills Training**
- **Combined with Laser System Training**



7.62x51, 7.62x39, 5.56mm 5.7, 4.6 and 9mm

NO STAND OFF



SILENT BLANK ROUND (SBR)

Value Prop for SBR

- **Most realistic weapon function (recoil)**
- **Most reliable function**
- **Safest**
- **No BFA required**
- **Cleanest on the market**
- **Minimal stand off (.5M)**
- **Greatest Variety (Types & Calibers)**

Use in Training SBR

- **Basic and Advanced Firearms Training**
- **New shooters to advanced**
- **CQB Skills Training**
- **Combative Skills Training**
- **Safe for use in any building or training location**
- **Safe for High Risk Skills Training**
- **Combined with Laser System Training**



NON-MARKING ROUND (NMR)

Force-on-Force Training Round with No Marking Compound

Reduced Velocity Rounds

Available in 5.56mm



- For use at extreme close range or with short barrel weapons
- Normal weapon function & recoil
- Average muzzle velocity of only 91m/s
- Low impact of only 1.9 Joules (pistol – level but in a rifle)



UTX[®] MARKING ROUND

Marking Round for Existing Firearm Conversions





TARGET BULLET ROUND [TBR]

Live Fire Alternative for Target Shooting

**Not for force-on-force training,
LETHAL (850fps)**



Conversions

Rifle Conversions



Rifle Conversion Safety

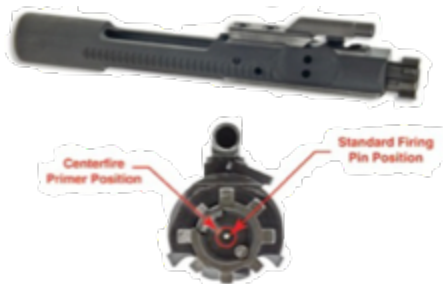


FAILED LIVE 5.56mm
CARTRIDGE
An example of a "Live"
cartridge discharge
attempt in a UTM RBT
converted weapon.



UTM RBT's Bolt
Conversion Face -
Off Set Firing Pin

Standard 'Live'
M16/M4 Assault
Rifle Bolt Carrier
Assembly



UTM RBT M16/M4
Assault Rifle Bolt
Carrier Assembly



UTM RBT TBR
M16/M4 Assault
Rifle Bolt Carrier
Assembly



***3mm Off Set – Rim Fire**
***Fires MMR, BBR, and SBR**

UTM Conversion: M4 / M16 / AR15 (TBR only)

TBR BCG - Longer Firing pin – rounds have recessed primers **NOT For FOF !**



Magazines



MAGAZINES

Improved Feeding and Safety

Dedicated Training Weapons

AK47
(7.62x39mm)

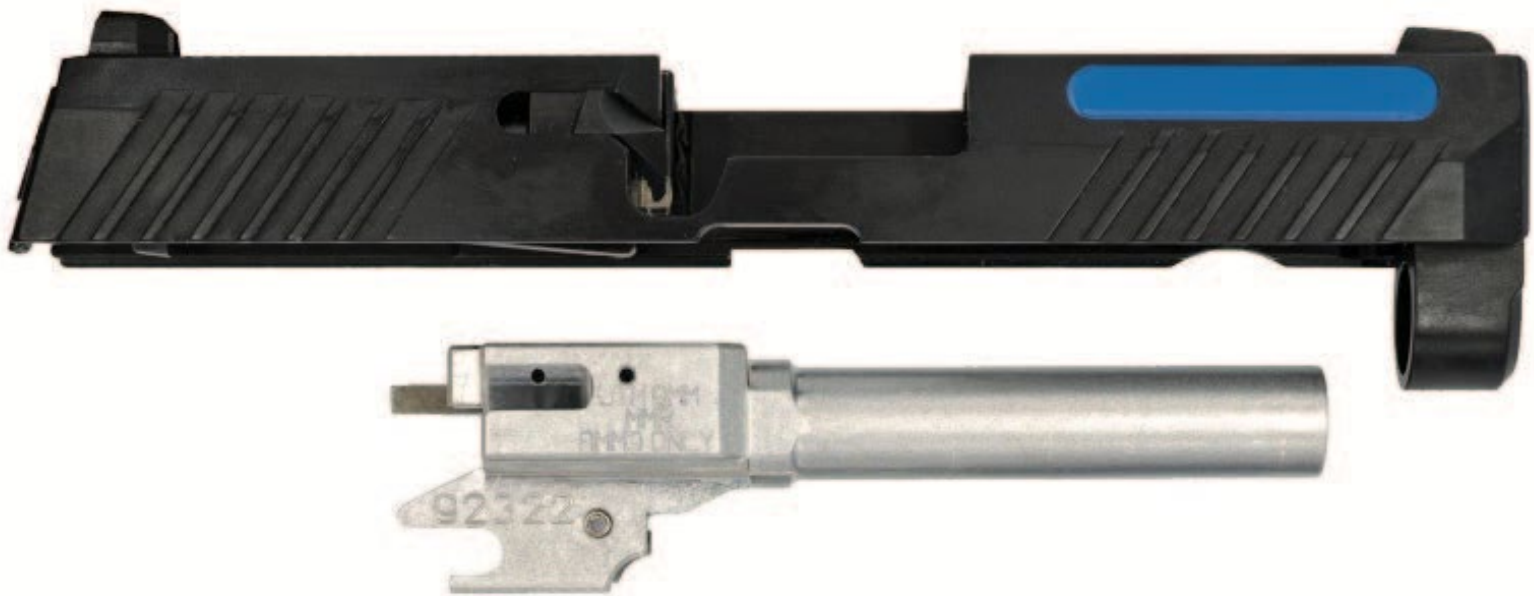


H&K MP7
(4.6mm)



These weapon systems require a dedicated training weapon for use with UTM ammunition.

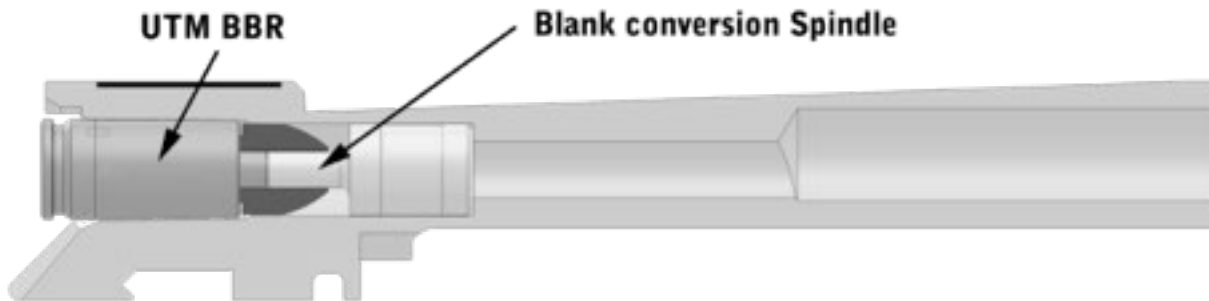
Pistol Conversions



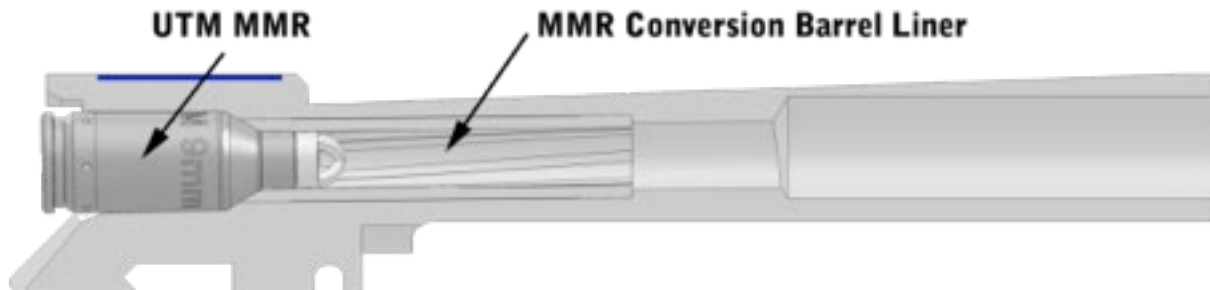
Pistol Conversions

UTM 9mm Blank Conversions will not fully chamber or fire UTM MMR or TBR

UTM Blank Conversion

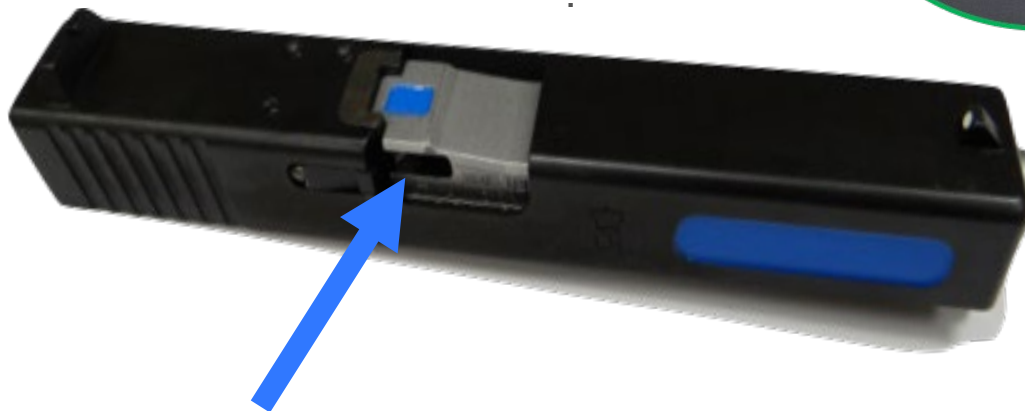
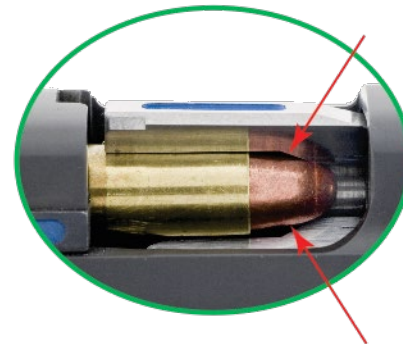


UTM MMR Conversion



Pistol Conversions

UTM Pistol Conversion Installed



Gas Disbursement Slot

A tactical operator in full PPE (Personal Protective Equipment) is shown holding a rifle. The image is overlaid with a blue tint. The text 'PPE' is prominently displayed in the center of the image.

PPE

PPE



PPE



PPE





****USE FOR Training and Mission Rehearsal**



PORTABLE TRAINING FACILITY (PTF)

A Portable, Versatile and Easy to Set Up Training Facility



Training and Operations



A photograph of four soldiers in camouflage uniforms and tactical gear, including helmets and sunglasses, participating in a training exercise. They are positioned in a simulated urban environment made of large, dark, draped tarps. The soldiers are holding rifles and are in various tactical stances. One soldier in the center is aiming his rifle forward. Another soldier to the right is also aiming. A third soldier is partially visible behind him. A fourth soldier is on the left, looking towards the center. In the background, there is a white target board with the letters 'CUTM' on it. The entire image has a blue color overlay.

Training

NLTA Training Programs

2 & 4 Hour Online Certification

8 Hour Level 1 Certification

**3 Day Level 2 Instructor
Certification**

! SAFETY FIRST !

- **2 layers loose fitting clothes**
- **No exposed skin**
- **UTM Helmet or Mask**

! SAFETY FIRST !



Controlling Environment

Unsafe Zone

Staging Zone

Training Zone

(Searches and Safety by All)

! SAFETY FIRST !

- **Searches – Control Entry**
- **Continual PPE checks**
- **Distancing (Student & RP mgt.)**
- **Equipment Control (Ammo loading, Conversion checks, Guns, etc.)**

NLTA Training Programs

Safety Brief

(in your packets)

UTM Conversions

INSTALLING AND REMOVING THE UTM CONVERSION KITS

Troubleshooting Rifles

Bad Magazine – 70%

Weapon not clean and dry – 25%

Not broken in – 5%



Troubleshooting Pistols

Weapon not clean and dry
Wrong equipment



Pre Maintenance



Clean and Dry

Post Maintenance



***Reverse Procedure & **CHECK BORE**

UTM Training Model



INNOVATIVE. TESTED. PROVEN.

UTM Training Model

Reverse Engineer:

- Video , Scenario, Incident
- Select End Goal (can combined skills)

UTM Training Model

DRILL DEVELOPMENT WORKSHOP

Instructor Training & Management

- Role Player/Opposition Force Management
- Identify Scenario Goals And Decide if Training or Evaluation
- Manage Down Time
- AAR & remediation (pass/fail?)
- Instructor Training and Management
- Consistency & Documentation
- Training Development Process (ID end goal, decide skills needed, test protocols/skills, teach and evaluate, adjust as needed, (train inst.) roll out



Reminders

- MMR 556 Velocity = 375 FPS / 114MPS
- MMR 9mm Velocity = 315 FPS / 100MPS
- RVR 556 Velocity = 275 FPS / 90MPS
- STAND OFF – MMR = 18" / .5M
- STAND OFF – BBR/LBBR = 18" / .5M
- Driving Bands – runs clean, more accurate
- Marks through Inertia not Bursting



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