Tactical Insights on Infantry Munitions
9mm

• Great for MP5
  – Value in room is excellent
  – Reliability excellent
  – Knock down power is poor but made up in rate of fire at short range

• Poor for Service Pistol
  – Value of pistol as primary weapon is nil. Good for display and to impress male dominant cultures
  – Reliability shaky due to magazines, dust and feed
  – Knock down power is poor
5.56mm M2 Ball

- **M16A4**
  - Good on range
  - Reliability excellent
  - Knock down power is good

- **M4**
  - Range less but excellent for close quarters
  - Reliability good with extractor donuts in place
  - Will put a man down but impact is a little less
5.56mm Linked

- **M249 SAW**
  - Good on range
  - Reliability excellent
  - Feed from drums is good but the plastic clip that holds the drums caused problems
  - Tracer is excellent
  - Knock down power is good
7.62mm

- **M24 Sniper**
  - Match ammo must be standard issue for all snipers in Infantry battalions - HARD TO GET
  - Reliability excellent
  - Knock down power is awesome

- **SVD Sniper**
  - Need for reliable 7.62mm x 54R for use in SVD snipers for US and Iraqi forces. Captured ammo is junk
7.62mm 4/1 Linked

- M240B / C
  - Reliability and feed are simply outstanding
  - Tracer is excellent and good for ‘smoke out’ in urban terrain
  - Knock down power is awesome
.50 Caliber

- M2 HB .50 cal
  - If mounted on a stable platform, performance is remarkable
  - Shock and impact of round decides any contest
  - Destructive power is incredible
M67 Baseball
- Design great for throwing over walls and onto roofs
- Blast and effect will decide an uneven contest
- With proper training, soldiers have great confidence in them

Smoke & Thermite
- Smoke useful but residual in rooms
- Thermite used mostly for destroying lost equipment
25mm Bushmaster

- **25mm HE**
  - Feed is outstanding
  - Performance and flight excellent
  - Destructiveness impressive, especially against buildings

- **25mm Sabot**
  - Will destroy most vehicles it hits
  - Penetration - it keeps on going
Helicopter Mini-Gun

- **HE**
  - Guns and platform are accurate
  - Performance and flight excellent
  - Destructiveness similar to BFV and effective against roof-top and upper floor enemies
40mm Grenade

• M203
  – Awkward in close quarters and ammo is tough to carry with body armor
  – Round is accurate and reliable
  – Blast, shock and fragmentation are excellent

• MK-19
  – Single-point link can twist and cause misfeeds
  – Rate of fire and accuracy are excellent
  – Best roof clearing munition available to common Infantryman
Anti-tank Missiles

- **TOW 2B**
  - Reliable and accurate
  - Spalling, Blast and Concussion very effective
  - Top Attack also works on Buildings / Roofs

- **Javelin**
  - Does everything it was advertised to do
  - System is easy to use and soldiers have high confidence in it
  - A great capability for enemy vehicles and bunkers
120mm Mortar

- 120mm HE
  - Accuracy remarkable
  - Penetration with delay fuse goes through concrete & rebar
  - Bang and Blast are great deterrents in H&I fires

- 120mm WP
  - Collateral burn damage must be considered in Urban fight

- 120mm Illume
  - All weather dependability
  - Burn time excellent
  - Radius and reliability excellent
120mm Smoothbore

- **120mm HE**
  - Range and optics useful in right areas are unmatched
  - Destructiveness and accuracy are unmatched

- **120mm Sabot**
  - Not preferred when supporting Infantry
  - Over-penetration a consideration in Urban areas
  - Will defeat anything on the battlefield
Basic Notes on Infantry Munitions

• Small Arms
  – The ammo worked in life and death situations
  – Soldiers had confidence when they pulled the trigger
  – Sniper Match Ammo is needed for all units

• HE Support Ammo
  – 40mm and Mini-Gun were great for Roof Tops
  – MK-19 had occasional Link Feed problem

• Mortars, Missiles and Main Gun
  – Extremely accurate
  – If it ain’t broke……..
Questions?