

Unclassified



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NDIA

***INTERNATIONAL INFANTRY &
JOINT SERVICES SMALL ARMS
SYSTEMS SYMPOSIUM***

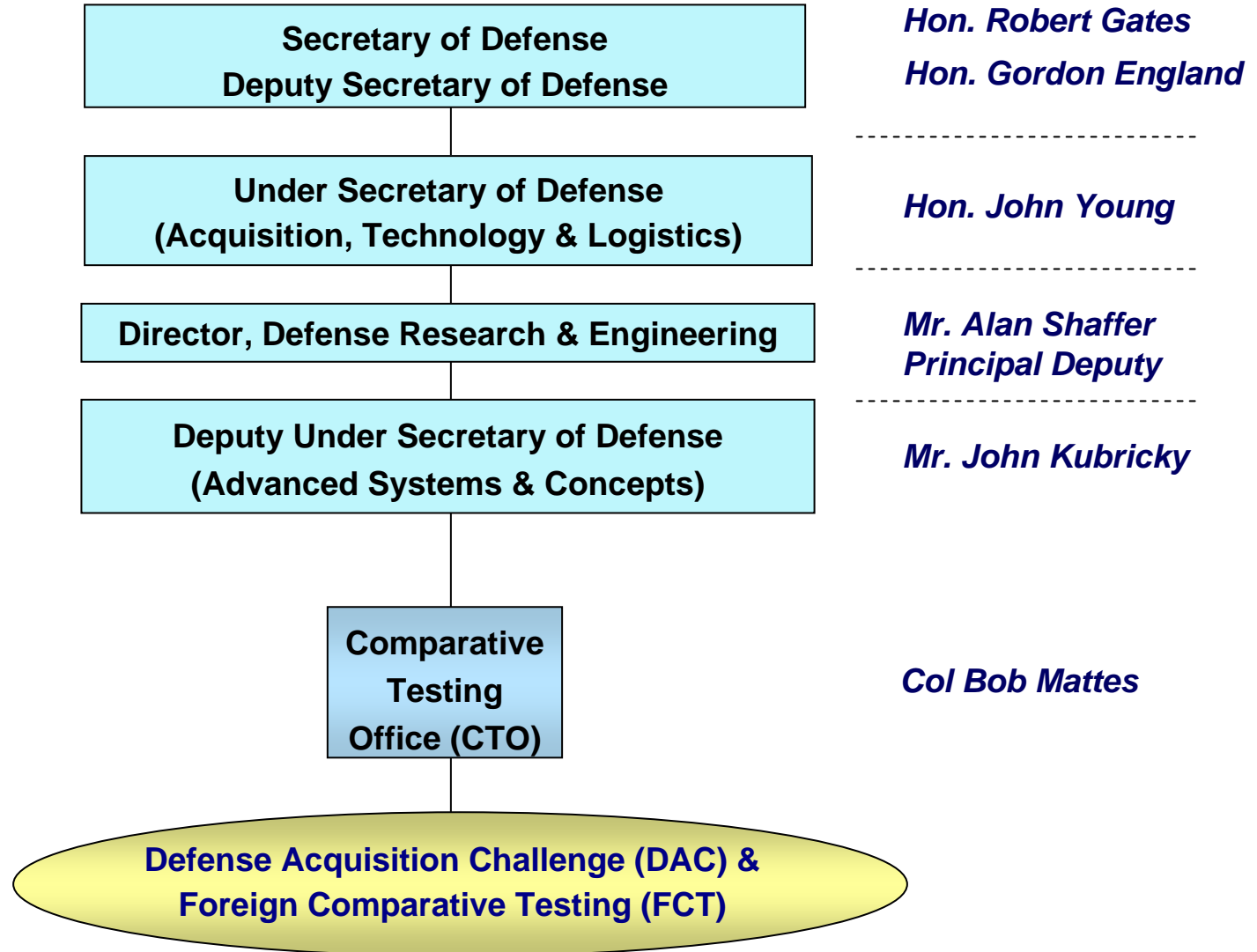
DALLAS, TX





Office of the Secretary of Defense (OSD)

"The Environment"





CTO Priorities

- **Warfighter Issues**
 - **Improved Operations**
 - ✓ Effectiveness (lethality, accuracy, endurance)
 - ✓ Survivability (protection, agility, stealth, medical)
 - ✓ Force Protection (defensive systems, detection, armoring, chemical - biological defense)
 - ✓ Sustainability (lighter / combined equipment, longer missions, better batteries)
 - **Direct Warfighter Support**
 - ✓ Logistics (supply chain management in the field, equipment reliability)
 - ✓ Teaming (e.g., Network & Info Centric Operations at the tactical or operational level)
 - ✓ Surveillance, tagging and tracking (blue and hostile forces tracking, friendly identification)
 - **Warfighter Employment**
 - ✓ Planning capabilities (large unit employment)
 - ✓ Coordinating capabilities (Network / Info Centric Operations at the strategic level)
 - ✓ Transport capabilities (getting to and from the fight)
 - ✓ Operational readiness (equipment availability, maintainability, training)
- **Other National Priorities, as provided in Defense Planning Guidance (DPG)**



FCT Performance Metrics

**The Past
28 Years:**

581 Projects Started, 507 Completed

271 Projects Met Service Requirements

193 Projects - Procurements Worth over \$8.5B

- Participation of 28 Allied & Friendly Countries
- OSD Investment: \$1.1B (Constant FY08 \$\$)
 - Estimated RDT&E Cost Avoidance: \$7 Billion

- Accelerated Fielding Averaging 5-7 years
- Procurement Rate over 80% in the Past 7 Years

**Bilateral Benefits: Vendor Teaming
with U.S. Industry in 33 States**



DAC Performance Metrics

Key Program Success Metrics:

Since the program inception in FY2003, OSD has initiated 105 projects;

- 38 projects have been completed to date,
- 28 met Service or Agency testing requirements,
- 23 have transitioned to PoR (over 80% transition to procurement rate)
- 4 projects were terminated due to inability to satisfy testing or Program of Record priorities.

Results:

66 projects funded at \$91M

23 projects have procurements that total \$320 million,

- 16 projects have yielded capabilities currently deployed to our warfighters in Iraq, Afghanistan, or at U.S. training facilities.
- Return on Investment ~ 9:1,
- Participation from 85 companies, 36 states.



CTO & Warfighting Operations

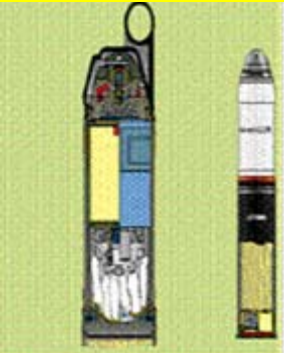


AT-4 CS



20mm Anti-Material Rifle

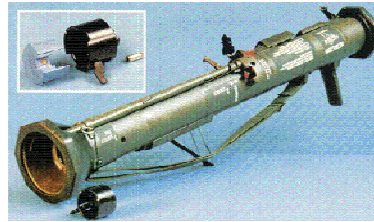
Multi-Role Anti-Armor Anti-Personnel
Weapon System - MAAWS



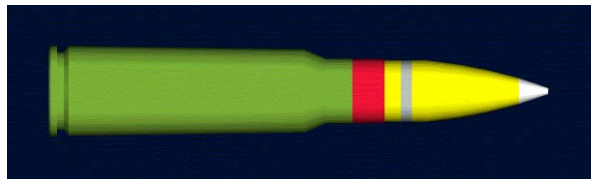
Close Quarter Battle Pistol



Muzzle Break Sound Suppressor
for MK48 and M240



Advanced Demolition Weapons



30mm Programmable Air Burst Munitions



SOF (Special Operations Forces) Combat Assault Rifle (SCAR)



AT-4CS (Confined Space) Enhanced Blast Tandem Warhead



High Rate-of-Fire .50 Caliber Machine Gun



Continued



40mm Enhanced Grenade Launcher Module for M4 Carbine



7.62mm Lightweight Machine Guns and Semi-Rigid Ammo Container



Joint Ranger Anti-armor, Anti-personnel Weapon System Ammunition Upgrades, Phase I



Joint Service Combat Shotgun



5.56mm Lightweight Machine Gun



Ammunition



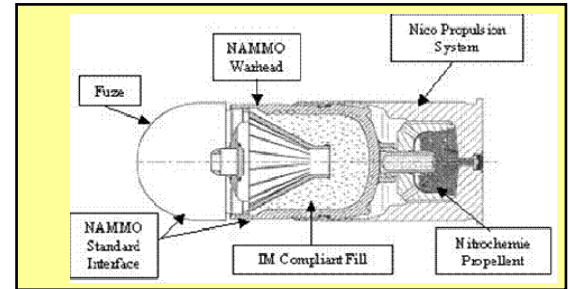
20mm Replacement Round



Lightweight Hand Grenade



40mm High Explosive Dual Purpose



40mm Low Velocity, High Explosive Dual Purpose



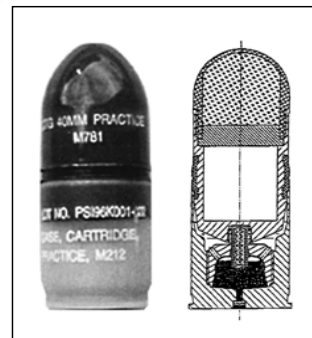
Advanced Lightweight Grenade Launcher Ammunition (ALGL-A)



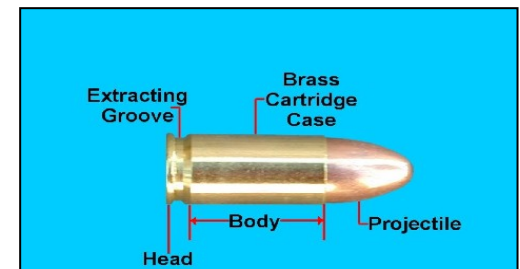
40mm Dud-Reducing M430A1E1 Cartridge



30mm APFSDS-Tracer



40 mm Practice Grenade



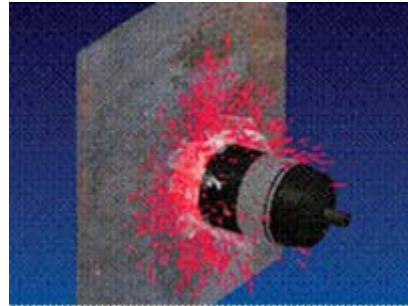
9mm Reduced Environmental Hazard Ammunition (REHA)



Training Devices / Non-Lethal Systems



M4/M16 Training Bolt



40mm Tactical Marking, Day/Night Training Cartridges

Special Effects Small Arms Marking System for M249 SAW



Individual Serviceman Non-Lethal System



7.62 mm Short Range Training Ammo



21mm Trainer for M72 Light Anti-Tank Weapon



MK47 Crew-Served Weapon Trainer



Dismounted Infantry Virtual Simulation for Military Operations in Urban Terrain



When a Vendor Walks Through My Door ...

... I don't want to hear **what they are selling**

... I want to hear what **problem they are solving for the warfighter**

... **Some indication that they...**

- Have done their **homework**

- **Understand** the problem

... And **only then** how they propose to solve it.



DAC & FCT Key Points of Contact

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