A Viewpoint from OSD

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Outline

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• Funding Trends
• SecDef Submunition Reliability Policy
• NATO STANAGs vice MIL-STDs
• Conclusions
DoD Organization

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TOTAL FUZE PROCUREMENT

[Graph showing total fuze procurement over time]
SecDef Submunition Reliability Policy

Secretary Cohen, January 10, 2001:

**Issue:** Submunition weapons employed in Southwest Asia and Kosovo, and major theater war modeling, have revealed a significant unexploded ordnance (UXO) concern.

**Policy:** To reduce overall UXO through a process of improvement in submunition system reliability—the desire is to field future submunitions with a 99% or higher functioning rate. Submunition functioning rates may be lower under operational conditions due to environmental factors such as terrain and weather.
SecDef Submunition Reliability Policy

• Basis for new defense guidance
  • Increases combat effectiveness
  • Enhances safety of friendly forces during combat operations
  • Enhances safety of peacekeepers and civilians in post-conflict environments
SecDef Submunition Reliability Policy

- **Timetable for replacement/improvement**
  - *Two Categories of Submunitions*
    - Legacy - Active prior to 1st Qtr FY 2005
    - Future Generation - Milestone III after 1st Qtr FY 2005

Not affected *unless* submunition is maintained in inventory and modified after 1st Qtr FY 2005

Are affected. Will be designed to meet 99% reliability functioning rate
SecDef Submunition Reliability Policy

Affected Weapons (Milestone III by 1QFY05 and beyond)
• Extended Range Guided Munition (ERGM) - XM80 Submunition
• 155mm XM982 Projectile (Excalibur) - M80 Submunition
• Guided-Multiple Launch Rocket System (G-MLRS) - M77 or M85 Submunition
• 2.75” HYDRA-70 Rocket - M73 Submunition
• Joint Standoff Weapon (JSOW) - BLU-97 Submunition
SecDef Submunition Reliability Policy

• There is no intent to retrofit the existing submunition weapons inventory.

• Why a 99% reliability rate? - - because technology to achieve a 100% submunition functioning rate is not available at this time - - technology challenges remain both in the product development and manufacturing processes.
SecDef Submunition Reliability Policy

• USD(AT&L) will enforce of this policy for now.

• This policy guidance will be included in the next update of the DoD 5000 series.
NATO STANAGs vice MIL-STDs

USD(AT&L), September 2000:

• Use internationally recognized commercial and/or NATO Standards
• Incorporate into munitions system acquisition programs
• Eliminate U.S. equivalents
Conclusion

• Fuze funding trends are bleak - Policy should have a positive effect
• Policy is to reduce overall UXO through a process of improvement in submunition system reliability - the desire is to field future submunitions with a 99% or higher functioning rate.
• Policy will be monitored by USD(AT&L) for now - will be included in the next update of the DoD 5000 series.