Industry Perspective

Panel Discussion

Small Arms Weapon Systems
Vision Forward
Approach, Technology, Capability, Barriers

NDIA
Small Arms Systems Symposium
7-10 May 2007
Objectives

- **Overview Industry Perspective—Small Arms Systems**
  - Today
  - Vision Ahead

- **Identify Challenges and Opportunities**

- **Confirm Small Arms Vision for Future Focus**
  - Response to Requirements/Needs
  - Innovation
  - Performance
  - Industrial Base Capability
Panel Members

- FN Manufacturing
- Colt
- Smith Wesson
- Knight Armament
- Barrett Firearms
- Heckler and Koch (Invited)
- Remington (Invited)
- Beretta (Invited)
Panel Approach

• Each Panel Member Presents a Company Vision
  – (1-2 slides or Comments)

• Discussion among panel members moderated by Dave Broden

• Questions and Answers from the Symposium Attendees

• Wrap up/Summary Comments by Each Panel Member

• Wrap Up by Dave Broden

Panel Discussion Time---1 Hour
Wrap-Up--Conclusion

• **Demonstrated Response to Urgent Needs and Rapid Acquisition**
  Confirms Focus and Capability
  - Industrial Base Evolved to Meet Demands

• **Systems Focus to Innovation and Technology Application**
  - User Friendly Design
  - Performance Focus

• **Continuously Evolving Focus to Address Future**
  - New Systems
  - Industrial Base Modernization and Improvements

• **Confirming Responsiveness and Readiness of Industrial Base Ensuring Warfighters Capability**
What is Shaping the Small Arms Industry

• Legacy and Legacy Demand

• Requirement Trends

• Technology

• Related Technology and Subsystems
  - Ammunition
  - Fire Control
  - Logistics

• System Integration Trends

• Cost per System

• Cost/Schedule to Develop and Deploy New Systems
Panel Topics

• Assessment of Small Arms Status Today

• Impact of Current World Conflicts—Establishing “Lessons Learned”
  • Requirement Drivers----Technology Push/Opportunity

• Opportunities and Approaches for Small Arms Technology Changes

• Barriers to Achieving Changes and Ensuring a Vision

• Resource Availability---Funding—Manpower

• Procurement Requirements vs. Production Capacity
  • Industrial Base Today and the Future
Topics

• “Lessons Learned” Based on Current Conflicts

• Response to “User Suggestions and Evolving Requirements”

• Technology Application and Needs

• Barriers to Changes and Future Capability

• Ammunition Alternatives and Changes—Impact and Influence

• System Integration Considerations—Fire Control/Sensors etc.

• Industrial Base Readiness and Adaptability
Improvements—Who—What—When

• Small Arms Industry Improvements/Changes and Focus

• Total Industry Improvements/Changes and Focus

• User Community Changes and Focus

• Acquisition Improvements and Changes

• Other Considerations
Barriers and Challenges

• Acquisition Complexity—Timing—Decision Process

• Development and Related Life Cycle Milestones
  • Development Time to Long

• Technology Changes before a Product is Fielded

• Risk Sharing and Management

• Rapid Acquisition Needs vs. Development Plans
Thoughts to Enable Vision

- Barriers to Evolving to New Small Arms Systems and Capability?
  - System Requirements
  - Technology Readiness
  - Acquisition Process

- Development Process Approach and Decisions—What is the impact?

- Industrial Base Factors—What Readiness Guidelines will Ensure a Solid Future?

- Does the National Small Arms Center Offer Opportunity?
Panel Considerations

• Comments by Panel Members should be general in nature and not address any topic which may be considered proprietary or company sensitive.

• Panel is intended to show that Industry has a vision for the future of Small Arms and that this vision is attentive to innovation and new concepts

• A key aspect should be comments on the Strength of the Industrial Base for Small Arms and what is needed to ensure the strength of the base for the future.
Top Three Observations and Actions
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