

Industry Perspective Panel Discussion

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

NDIA
Small Arms Systems Symposium
7-10 May 2007

- **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

- **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**

- **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**

- **“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**

- **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**

- **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?**

- **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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