



NATIONAL SMALL ARMS CENTER (**NSAC**) & NATIONAL SMALL ARMS TECHNOLOGY CONSORTIUM (**NSATC**)

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September 23, 2005





Agenda

- What and Why
- How it Differs from Status Quo
- Conceptual Basis
- Progress to Date
- Future Plans
- Summary



What It Is

- *I*
- *C*
- *I*
- *C*





What It Is

- ***Industry/Academia***

- ***C***

- ***I***

- ***C***



What It Is

- *Industry/Academia*
- *Centric*
- *I*
- *C*



What It Is

- ***Industry/Academia***
- ***Centric***
- ***Innovation***
- ***C***



What It Is!

- ***Industry/Academia***
- ***Centric***
- ***Innovation***
- ***Center***



$$= (IC)^2$$



Why Innovate?

“The ultimate objective of warfare is to either occupy or defend territory and ultimately that means the infantry.”

James Webb



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National Small Arms Center

- The National Small Arms Center Represents a Virtual Construct that Seeks to Provide the Following Benefits
 - Create a More Focused Forum for Fostering Cooperation within the Small Arms and Related Communities Among the Military Services, Government Agencies, the Industrial Base And Academia.
 - Expand the Industrial and Academic Talent/Resource Base Available to the National Small Arms Community
 - Provide a Single Voice and Message in Pursuing an Enhanced Small Arms Research and Development Program
 - Afford the Industrial Base a Significant Opportunity to Interact at the Ground Floor on Developing a Master Small Arms Plan and Related Agenda
 - Maximize the Technology and Rapid Development Advantages Afforded by the Other Transaction Agreement Acquisition Initiatives
 - Maximize Access to National Testing, Laboratory and Computing Assets on a More Seamless Basis



Conceptual Basis

- Established 2/5/04
- Virtual Organization
 - Managed by Joint Service Small Arms Program Office
 - Government Labs, T&E Facilities, Production Plants
 - Industrial & Academic Counterparts



Conceptual Basis

- NSATC is a Self Governed Organization
- Organized Under the Aegis of the National Cooperative Research and Production Act (NCRPA) of 1993 as Amended
- Has Limited Civil Anti-trust Liabilities if Registered with the Federal Trade Commission and Department of Justice
- NSATC Registered on 4/7/04
- OTA For Prototyping – Authorized by Section 845 of the 1994 National Defense Appropriations Bill, as Amended

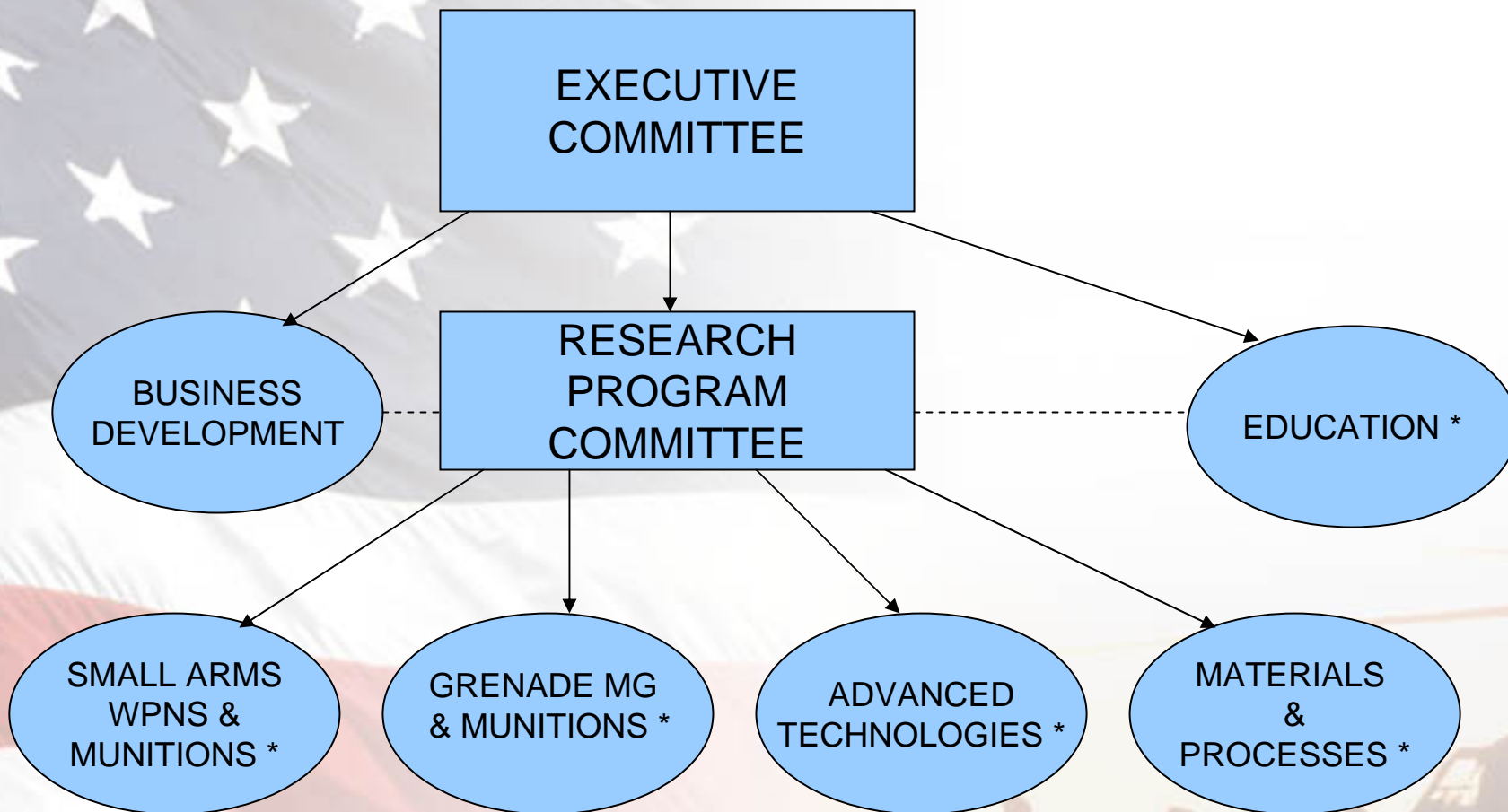


Conceptual Basis

- OTA's Are
 - Legally Binding Instruments
 - Basic and Applied Research
 - Prototypes Directly Relevant to Weapons or Weapon Systems to be Acquired by DoD
 - Early Production Of Items Developed Under Prototype Contracts



NSATC Structure



* - CO-CHAIRS FROM INDUSTRY/ACADEMIA AND GOVERNMENT



How It Differs

- Small Arms Acquisition Process Presently Well Established And Disciplined:
 - Multi-services (Jointness)
 - PM Structured
- We Articulate Needs in a Mainly Prescriptive Format



How It Differs

- Other Transaction Agreement (OTA) Driven Process
 - Requires USG to Stipulate Desired **End Results**
 - Allows Consortium Members to Propose the How's, When's and Cost's
 - More Open Negotiations
 - More Innovative Solutions
 - Non-traditional Industries/Academe Influences



Conceptual Basis

- Joint Capabilities Integration and Development System (JCIDSs)
 - Drives Services to Identify Desired Functional Capabilities
 - Identify Inadequate or Non-Existent Capabilities (Gaps)
 - In a Directed Sequence, Postulate, Evaluate and Ultimately Implement Corrective Strategies Including New Material Development and Fielding



Conceptual Basis

- JCIDS Applied to Small Arms = Joint Small Arms Capability Assessment (JSACA)
- JSACA Has Identified 19 Broad-based Gaps in Current Small Arms Capabilities
- Consortium Focused on Innovating Solutions to Those Gaps



NOTIONAL BUSINESS CYCLE



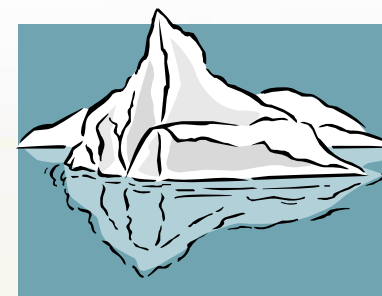
NSATC/NSAC





Progress To Date

- Grown from 27 to 56 Members Since 1/1/05
- Awarded 11 Grants Totaling Over \$3.0 M During our Inaugural Year
- 52 White Papers Received and Assessed
- Major Development Themes Identified Using the (IC)² Strategy



“Tip of the Iceberg!”



Future Plans

- Inaugurate a Member Website
- Release a Novel Call for Proposals for the FY06 Budget Year
- Expand Key Technology Capabilities Through Targeted Recruitment to Academia and Non-traditional Industries
- Conduct Seminars to Further Educate Members on JSACA Gaps and OTA Business Practices and Requirements

“GOOD BEGINNINGS ARE NOT THE MEASURE OF SUCCESS”

George W. Bush



Summary

- First Year of Operations Produced:
 - Copious Lessons-Learned
 - Multiple Awards
 - Innovative White Paper Concepts
 - Vital Link Between JSACA Gaps and NSAC/NSATC Operations
 - Significant New Cadre of Memberships
 - Emerging Partnerships
 - Boundless Future Opportunities & Challenges!!!



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