



**Joint Service Small Arms Synchronization Team  
(JSSAST)  
Update**

**for  
Joint Services Small Systems Section  
Annual Symposium, Exhibition and Firing Demonstration**

**16 May 06**

**Presented  
By**

**COL Scott Crizer  
JSSAST Chairman**



# *JSSAST Update*



## *Agenda*

- ▲ **JSSAST Mission**
- ▲ **JSSAST Membership**
- ▲ **Chairman's Overarching Themes**
- ▲ **JSSAP Tech Base Planning**
- ▲ **Summary**

## Members





# Joint Service Small Arms Program Office (JSSAP)



## ▲ Who

- Joint Service Office Located Within the Army Armaments Research Development and Engineering Center

## ▲ Mission

- Establish Joint Requirements
- Evolve Technology for New Soldier Weapon Systems
- Manage and Execute the Technology Base

## ▲ Funding

- Annual Funding at \$10-12M Over the Last Decade
- Congress has historically added approx \$5-6M per year
- Funding Only Supports One Major Effort
  - Currently Addressing Lightweight Small Arms Technologies

Charter Updated and Approved  
by ASA (ALT) Hon Claude Bolton  
31 Aug 04

## Members





# Joint Service Small Arms Synchronization Team (JSSAST)



**Meets  
Semiannually**

## ***Chairman***

COL Scott Crizer (Commander, ASIC)

## **Principals:**

**Army:**

COL R. Radcliffe (USAIC)

**Marines:**

LtCol R. Adams (MCSC)

**Air Force:**

Col C. Beck (HQ AFSFC)

**Navy:**

CAPT R. Ruehlin (PEO LMW)

**Coast Guard:**

CAPT(S) A. Davenport (HQ USCG)

**SOCOM:**

COL K. Noonan (HQ SOCOM)

## **Associates:**

**Army PMSW:**

COL C. Lipsit (PEO Soldier)

**JNLWD:**

Mr. K. Swenson (JNLWD)



# ***JSSAST***



## ***Chairman's Overarching Themes***

- ▲ Better Synchronization of Service Small Arms Activities**
- ▲ Greater Awareness of JSSAP's Work**
- ▲ More Funding for Small Arms Science and Technology**



# Joint Service Small Arms Technology Base Planning Process



## The Foundations

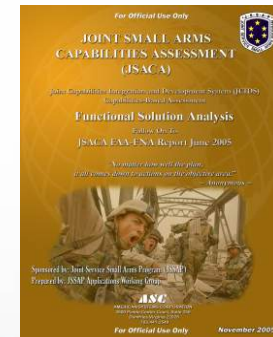
### ▲ A Joint Service Small Arms Master Plan

Provides an Azimuth for the Future



### ▲ A Joint Small Arms Capability Assessment

Identifies Capability Gaps



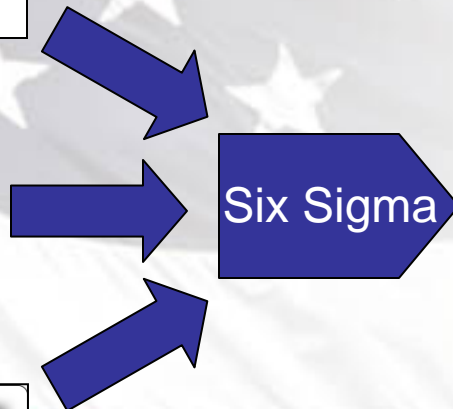
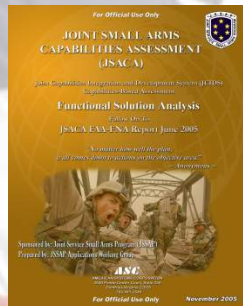
### ▲ National Small Arms Center

Provides Industry Technology Assessment





# Development of Technology Plan



## JSSAP Technology Investment Plan

- Technical Fire Control
- Tactical Fire Control
- New Concepts & Applications
- Smart Munitions
- Warheads & Energetics
- Lethality & Utility
- Materials & Processes
- Modeling & Analysis

**Technology Needs Far Exceed Available JSSAP Funding**



# *Technology Plan Development*



## *What's Next?*

- ▲ **Prioritize Technology Thrusts**
- ▲ **Develop Potential Work Packages**
- ▲ **Execute with Available JSSAP Funding**

***\$17+ Million Increase over the POM Achieved***





# *JSSAST Update*



## *Summary*

- ▲ **Joint Small Arms Capabilities Assessment - Completed**
- ▲ **Campaign to Increase JSSAP Tech Base Funding - Successful**
- ▲ **Prioritization of Tech Area Thrusts – Progressing**
- ▲ **Campaign for Greater Awareness of JSSAP - Continuing**