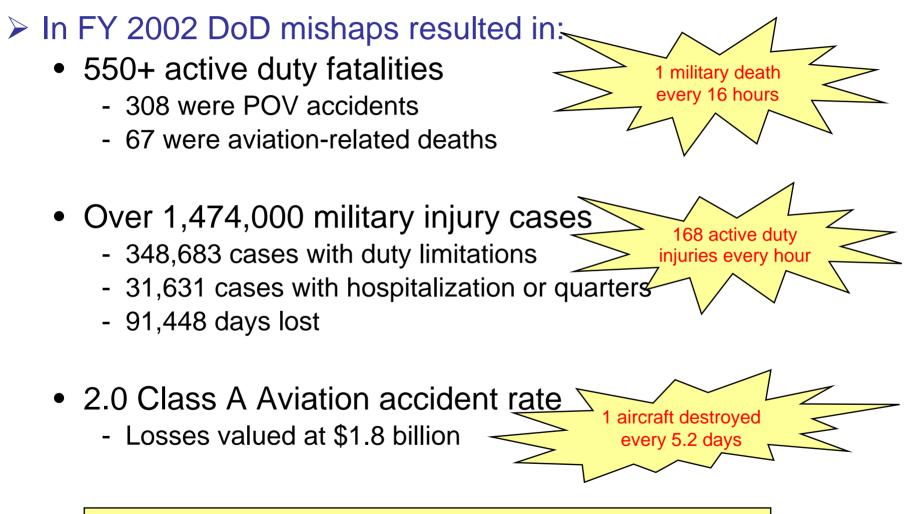


## US Special Operations Command System Safety Process Symposium

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#### "We need to turn this situation around." SECDEF Memo, May 19, 2003



## Defense Safety Oversight Council Governance Role

- Ensure personal involvement of senior leadership
- Promote the 50% accident reduction effort to all levels of military and civilian leadership
- Execute the specific initiatives to reduce accidents and time lost due to injuries
- Garner the resources to support the initiatives
- Manage progress toward goal
- Provide periodic updates to the Secretary





#### Eight DSOC Task Forces

- Deployment and Operations
- Aviation Safety Improvements
- Military Training
- Personal Motor Vehicle Accident Reduction
- Installation and Industrial Operations
- Worker's Compensation
- Enterprise Information and Data
- Acquisition and Technology Programs (ATP)



## Acquisition and Technology Programs (ATP) Task Force

#### Purpose

 Recommend or implement changes to policies, procedures, initiatives, education and training, and investments to ensure programs address safety throughout the life cycle

#### Goals

- Ensure acquisition policies and procedures for all systems address safety requirements
- Review and modify, as necessary, relevant DoD standards with respect to safety
- Recommend ways to ensure acquisition program office decisions consider system hazards
- Recommend ways to ensure milestone decision reviews and interim progress reviews address safety

# Establish dialogue between System Safety and Systems Engineering communities



- Issued DoD-wide policy on "Defense Acquisition System Safety" (USD(AT&L) Memo, Sep 23, 2004)
- Developing evaluation criteria for System Safety
- Incorporated ESOH into Defense Acquisition Guidebook
- Developed Defense Acquisition University continuous learning course, "System Safety in Systems Engineering" (CLE009)
- Formed NDIA Systems Engineering Division System Safety Committee in December 2004



## Safety and the Joint Warfighting Environment

- Individual Services have long-standing, thorough, Service-specific weapon safety review processes to meet their unique requirements (philosophies, warfighting needs, definition of what is "safe")
- For USSOCOM to field joint systems involving weapons, ammunition, and/or explosives, safety certifications and/or releases must be obtained from multiple system safety boards. Differing processes, procedures, and certification criteria among these various boards can produce:
  - Unacceptable certification delays
  - Duplicative testing
  - Conflicting determinations and interpretations of testing results, which in turn are reflected in disagreements among the respective boards regarding the corrective actions needed to receive certification and/or release
  - Certification impasses because no duly authorized adjudication authority exists to resolve the disagreements

#### Existing Safety review process is not supportive of Joint warfighting requirements



- Proposed a solution to the DSOC Acquisition & Technology Programs TF on 21 Jul 05 for collaborative Joint Service weapon safety reviews to support SOCOM
- Joint Weapon Safety Working Group met on 4-5 Aug, 27-29 Sep, 7-8 Dec 05, and 8-9 Jun 06
  - Developed/refined initial set of Joint CONOPS and process flowcharts
- November 2005 initiated process validation with SOCOM approved weapons
  - Joint Combat Pistol (JCP)
  - MAAWS Anti-Structure Munitions (ASM) 509
  - Laser The Enhanced Grenade Launcher Fire Control Unit
- Complete OSD Guide to Formalize Joint Weapon Safety Reviews



#### Complete OSD Guide to formalize the CONOPS

- Develop an MOU between USSOCOM and the Services agreeing to implement the process identified in the OSD Guide (Propose the Guide be an attachment to, or referenced in, the MOU)
- In the interim, the Service Boards will operate in the proposed collaborative manner in support of USSOCOM



Refining the "Joint" System Safety Message

- Refocusing Acquirer and Supplier on technical management of programs throughout the life cycle to facilitate "Joint" System Safety
- Getting System Safety fully and effectively integrated into the Systems Engineering process to reduce Environment, Safety, and Occupational Health risks & costs

#### You Can't Be Too Safe...or Can You?