



JOINT PROCESS DEVELOPMENT

A Solution for Success

Background: DSOC/ATP TF

Dr. Liz Rodriguez-Johnson

Issue

Dr. Dale Uhler

Solution

Mr. Dave Schulte



Defense Safety Oversight Council

Acquisitions and Technology Programs Task Force

Dr. Liz Rodríguez-Johnson
Executive Secretariat

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8 November 2006



Secretary of Defense Memo

Challenges DoD to reduce mishaps and accident rates

 THE SECRETARY OF DEFENSE
1000 DEFENSE PENTAGON
WASHINGTON, DC 20301-1000

May 19, 2003

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARIES OF DEFENSE
DIRECTOR, DEFENSE RESEARCH AND ENGINEERING
ASSISTANT SECRETARIES OF DEFENSE
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE
DIRECTOR, OPERATIONAL TEST AND EVALUATION
ASSISTANTS TO THE SECRETARY OF DEFENSE
DIRECTOR, ADMINISTRATION AND MANAGEMENT
DIRECTOR, FORCE TRANSFORMATION
DIRECTOR, NET ASSESSMENT
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION
DIRECTORS OF THE DEFENSE AGENCIES
DIRECTORS OF THE DOD FIELD ACTIVITIES

SUBJECT: Reducing Preventable Accidents

World-class organizations do not tolerate preventable accidents. Our accident rates have increased recently, and we need to turn this situation around. I challenge all of you to reduce the number of mishaps and accident rates by at least 50% in the next two years. These goals are achievable, and will directly increase our operational readiness. We owe no less to the men and women who defend our Nation.

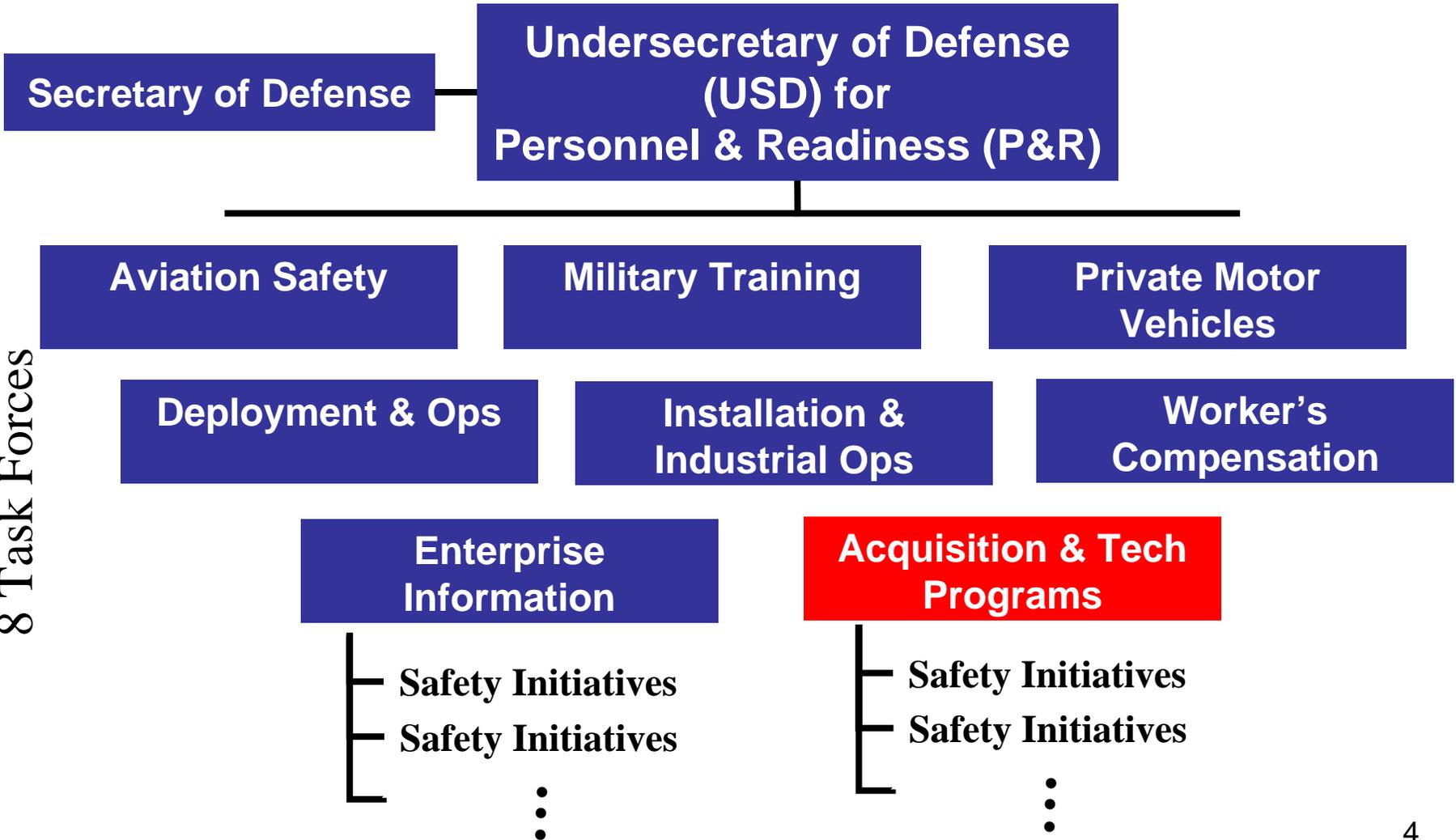
I have asked the Under Secretary of Defense for Personnel and Readiness to lead a department-wide effort to focus our accident reduction effort. I intend to be updated on our progress routinely. The USD(P&R) will provide detailed instructions in separate correspondence.


 U06916-03



DSOC Organization

8 Task Forces





Acquisition and Technology Programs (ATP) Task Force (TF)

- 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



USD(AT&L) Safety Memo

- Goal is to manage and minimize system safety risks throughout the acquisition process.
- Intent is to design safety into weapons systems



ACQUISITION
TECHNOLOGY
AND LOGISTICS

THE UNDER SECRETARY OF DEFENSE
3010 DEFENSE PENTAGON
WASHINGTON, DC 20301-3010

SEP 23 2004

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Defense Acquisition System Safety

On July 3, 2003, the Secretary of Defense established the Defense Safety Oversight Council (DSOC) and tasked them with the goal of reducing DoD mishap and accident rates by 50% in two years. Subsequently, the Strategic Planning Guidance (SPG) was modified to institutionalize this goal. We can contribute substantially to meeting SPG guidance by following an informed and structured risk assessment and acceptance process, which manages and minimizes system safety risks throughout the acquisition process. Our intent is to design safety into our weapons systems, not add it afterwards as an operational consideration.

Therefore, in order to increase the emphasis on system safety within our acquisition process, I direct addressees to ensure that:

- a. Program Managers (PMs), regardless of the Acquisition Category of their programs, integrate system safety risk management into their overall systems engineering and risk management processes.
- b. PMs use the government and industry Standard Practice for System Safety, MIL-STD-882D, in all developmental and sustaining engineering activities.
- c. PMs ensure the DoDI 5000.2 requirement to integrate the Environment, Safety, and Occupational Health (ESOH) risk management strategy into the systems engineering process is incorporated in the Systems Engineering Plan.
- d. PMs identify ESOH hazards, assess the risks, mitigate the risks to acceptable levels, and then report on the status of residual risk acceptance decisions at technical reviews and at the appropriate management levels in the Program Review process in accordance with MIL-STD-882D.


 Michael W. Wynne
 (Acting)

MILITARY DEPARTMENTS
JINT CHIEFS OF STAFF
JL OPERATIONS COMMAND
JRY OF DEFENSE (NETWORKS &
REGISTRATION/CHIEF INFORMATION OFFICER)
JF THE DEPARTMENT OF DEFENSE
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JLOGISTICS AGENCY
JHREAT REDUCTION AGENCY
JEFENSE AGENCY
JGEOSPATIAL-INTELLIGENCE AGENCY
JSECURITY AGENCY

Director, Logistics and Materiel Readiness
Director, Defense Research and Engineering



ATP TF Safety Efforts

- **OUSD(AT&L) Policy Memos to Support Goals of SECDEF Memos**
- **Joint Services Weapons/Laser Systems Safety Review Guide v0.8**
- **System Software Safety Guide**
- **Joint System Safety Standards for Explosives Systems**
- **ESOH Management Evaluation Criteria for DoD Acquisition v1.0**
- **ESOH Programmatic Risk Tool**
- **ESOH Risk Assessment and Risk Management Policies for DoD**
- **Incorporating Best Safety Practices into DAU SE Courses**
- **DAU Continuous Learning Course**
- **Human Factors Safety Training**
- **Safety maturity Level metrics**
- **Life Cycle Noise Exposure Assessment Tool**
- **Safety Awareness Outreach Through Participation in Symposia and Workshops (Government, Industry and Academia)**
- **Unmanned Systems Safety Guide for DoD Acquisition v0.9**
- **USSOCOM Weapons/Laser Systems Safety Review Guide v0.8**