**What is a DARAD?**

- **DA Form 7632** is an automated form for documenting risk management and acceptance
- Mandatory for deviations from AE or chemical agent safety standards
- Intentional deviations from standards MUST document:
  - specific levels of associated initial and residual risk
  - policy/standard from which the operation will deviate
  - control measures
  - required level of risk acceptance per DA PAM 385-30

**Guiding Principles**

- Cardinal Rule of Explosives Safety
  - expose the minimum number of people to the minimum quantity of explosives for the minimum amount of time
- Use quantitative and qualitative assessment tools to support risk decisions
  - ES assessment tools and criteria provide critical decision-making aids
- Reduce or eliminate risks to the maximum extent possible

**Commander Roles & Responsibilities**

- Establish command’s overall risk tolerance and make final risk decisions
  - cannot ignore Federal, state, or local law when seeking deviations
- Determine how controls are implemented, performed, and evaluated for effectiveness
- Establish or implement Senior Commander’s (SC) ESMP to define processes and ensure compliance
- Holds ultimate responsibility and must acknowledge risk prior to its acceptance IAW DA PAM 385-30, Table 4-1

**What is the DARAD form structure?**

**Page 1: Information for Approval of Deviation**

- Information necessary for decision on acceptance of risk and deviation approval by proper authority
- Includes location and violation information, and deviation approval/risk acceptance documentation

**Page 2: Risk Assessment Documentation Worksheet**

- Documents identification, characterization, analysis, and prioritization of hazards for risk mitigation

**Page 3: Ammunition and Explosives Worksheet**

- Mandatory for AE or chemical agent deviations
- Documentation of potential explosion site (PES), ESs, and potential consequences from incident

* Pages 2 & 3 should be completed before Page 1

**What publications guide the ES deviation process?**

- **AR 385-10**, Army Safety Program
- **DA PAM 385-30**, Risk Management
- **DA PAM 385-61**, Toxic Chemical Agent Safety Standards
- **DA PAM 385-64**, Ammunition and Explosives Safety Standards
- **CJCSI 4360.01A**, Explosives Safety and Munitions Risk Management for Joint Operations Planning, Training, and Execution

**What is Risk Management (RM)?**

- Required, routine process for mitigating risks to personnel, property, and mission execution through decisions based on sound judgement
- Engaged leaders and standardized techniques, tools, and procedures are critical for success
- Principles of RM:
  - Integrate into ALL Phases of Operation
  - Make Risk Decisions at the Appropriate Level
  - Accept NO Unnecessary Risk
  - Apply RM Cyclically and Continuously

For support, contact USATCES at: usarmy.mcalester.usamc.list.dac-es-personnel@mail.mil or (918) 420-8807 or DSN: 956-8807

Deviation Approval and Risk Acceptance Document (DA Form 7623) can be found at: http://www.apd.army.mil/pub/eforms/pdf/A7632.pdf
Types of Deviations & Deviation Determination Process

- **Facility construction or modification in violation?**
  - Yes: Prepare request for SECRETARIAL CERTIFICATION*
  - No: One-time, non-recurring emergency?
    - Yes: Prepare EVENT WAIVER
    - No: Temporary, not to exceed 5 years?
      - Yes: Prepare WAIVER
      - No: Corrected within 5 years?
        - Yes: Waiver closed
        - No: Re-issue, approval at next higher level required

- **SECRETARIAL CERTIFICATES**
  - Required to expend resources for construction or modification of facilities in violation of AE or chemical safety regulations
  - An EXEMPTION approval must be obtained prior to, and submitted with, the Secretarial Certification Package

- **EVENT WAIVERS**
  - Temporary exceptions for one-time emergency situations NTE 1 month; not applicable to recurring missions
  - SC must approve event prior to onset of operations IAW the ESMP

- **WAIVERS**
  - Temporary deviations NTE 5 years
  - AE waivers reviewed annually; reviews of non-AE and chemical waivers NTE 2 years

- **EXEMPTIONS**
  - Permit long-term/permanent deviations
  - AE exemption review period NTE 5 years
  - Required for Secretarial Certification for long-term monitoring

- **EVENT WAIVERS**
  - Temporary exceptions for one-time emergency situations NTE 1 month; not applicable to recurring missions
  - SC must approve event prior to onset of operations IAW the ESMP

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**The Risk Management Cycle (ATP 5-19)**

1. Identify Hazards
2. Assess Hazards
3. Develop Controls and Make Risk Decisions
4. Implement Controls
5. Supervise and Evaluate

- RM is a 5-step systematic, cyclical process of identifying and assessing hazards, then mitigating the associated risks
- Requires completion of DD Form 2977, Deliberate Risk Assessment Worksheet

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**Risk Assessment and Acceptance (DA PAM 385-30, Tables 3-3 and 4-1)**

- **Army Risk Assessment Matrix (TABLE 3-3)**
  - Frequent (A) Likely (B) Occasional (C) Seldom (D) Unlikely (E)
  - Catastrophic (I) EH EH H H M
  - Critical (II) EH H H M L
  - Moderate (III) M M M L L
  - Negligible (IV) M L L L L

- **Duration of Risk**
  - Event Waiver: 1 month or less
  - Waiver: 1 month to 1 year
  - Exemption: 1 year to 5 years
  - >5 years or permanent

- **Risk Acceptance Authority for Safety Standards Deviation (TABLE 4-1)**
  - Extremely High Risk (EH)
    - GO Army HQ CG
  - High Risk (H)
    - Brigade CO* or responsible 0-5 GO GO GO
  - Medium Risk (M)
    - Battalion CO* or responsible 0-5 Brigade CO* or responsible 0-5 GO* GO*
  - Low Risk (L)
    - Company CO or responsible 0-3 Company CO or responsible 0-3 Brigade CO* or responsible 0-5 Brigade CO* or responsible 0-5

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*EXEMPTIONS must be developed, approved, and submitted as part of the Certification Package to be approved by the Assistant Secretary of the Army for Installations, Energy, and Environment (ASA (IE&E))