U.S. Army Dugway Proving Ground
Mission & Capabilities Overview
Mission

U.S. Army Dugway Proving Ground executes efficient testing and support to enable our nation's defenders to counter chemical, biological, radiological, and explosives (CBRE) hazards.
**PEOPLE:**
Everything we do at Dugway starts and ends with people. Without you, we cannot accomplish our mission.

**MISSION FOCUS:**
Dugway exists to accomplish a mission. Focus your efforts on that mission to ensure our success.

**WORKING TOGETHER, MOVING FORWARD:**
We accomplish our mission when we work together. All of us must contribute to the team to ensure Dugway is ready to meet the challenges of the future.

Empowering the Nation’s Defenders
BLUF: Test Tube to Battlefield

Dugway Proving Ground is responsible for testing and evaluating nearly all Department of Defense (DoD) chemical and biological defense capabilities including protective gear, detectors and decontamination systems. In addition, Dugway supports critical U.S. Army and DoD activities, including military training, smoke and obscurants testing, and the development, testing and integration of unmanned aircraft systems.

Chem Testing & Evaluation

Bio Testing & Evaluation

CWMD Support

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Command Structure

Secretary of Defense

- Under Secretary of Defense (Acquisition & Technology)/Strategic & Tactical Systems/Developmental T&E
- Chief of Staff

- U.S. Army Test and Evaluation Command (ATEC)
  BG James J. Gallivan

Undersecretary of the Army

- Secretary of the Army
- Vice Chief of Staff

Deputy Undersecretary of the Army

DUSA-Test & Evaluation

Army T&E: Required by OMB & OSD to be Independent

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DPG Mission Organization

Team Dugway – working together to execute the mission and care for people
Dugway Proving Ground’s West Desert Test Center (DPG-WDTC) has been designated as a Major Range and Test Facility Base (MRTFB), and therefore is regarded as a national asset, operated and maintained primarily for DoD test and evaluation missions.
A National Treasure

DPG is the sole converging point for comprehensive CBRN capabilities within OSD
## Location & Airspace

### Freedom to Test and Train

**Dugway is Remote:**
- Free from urban encroachment
- Acoustically and electronically quiet
- Free of light pollution
- Salt flats extending 90 miles north
- Surrounded on three sides by mountains and desert terrain

**Dugway is:**
- 80 miles from Salt Lake International Airport
- 40 miles from Tooele, closest major city
- Roughly the same size as Rhode Island

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| Total Area | 1,252 miles$^2$ |
| Mountain Terrain | 92 miles$^2$ |
| Mixed Desert Terrain | 437 miles$^2$ |
| Playa (flats) | 722 miles$^2$ |

| Total Airspace Footprint | 16,797 miles$^2$ |
| Restricted Airspace | 7,954 miles$^2$ |
| Military Operations Area | 10,004 miles$^2$ |
| DOD Exclusive-use Land | 3,078 miles$^2$ |
| Government-owned Land | 16,686 miles$^2$ |

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## Remote and Isolated

**Dugway Details:**
- Located in Utah’s remote West Desert
- 40 miles from closest services
- Surrounded by rural, ranch land with free range cattle

**Quality of Life Issues:**
- Contractors’ child care rates have tripled
- Loss of services and facilities (bowling alley, rock, wood and auto shops, golf course)
- Annual 8-12% housing rent increase
- Few incentives to live at Dugway
- Families will move due to continued rent and service cost increases

**Workforce Impacts:**
- Cascading negative effects from reduction in services
- Average commute is 1-2 hours, one way
- Recruiting and retention
- Impacts to Service Members

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**Supports mission execution – but at a higher price**

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MISSION STATEMENT: USAG DPG provides effective base support services, enabling global mission readiness and a resilient community
Dugway Community

• On-Post Housing for Families and Individuals
• Visitor Lodging at Desert Lodge
• Occupational Health Clinic
• Commissary and Gas Station
• Dugway School: K-12
• Comprehensive Family and MWR Programs
  • Army Community Service (ACS)
  • Child and Youth Services (CYS)
  • Fitness Center with Outdoor Pool
  • Sports and Fitness Programs
  • Outdoor Recreation
  • Community Club & Ditto Diner
  • Library
  • RV Park and Storage
  • Leisure Travel
  • Community Special Events

Dugway, A Great Place to Work, Live and Play!
WDTC & BTD MRTFB

OPERATIONALLY REALISTIC CHEM/BIO TESTING:
1,252 sq. miles, permits, instrumentation, expertise

A unique convergence of location, geography, SMEs, permits, air space and capabilities
Unique capabilities support CWMD efforts globally - “Build to test, use to train”
Significant Accomplishments

- NBCRV On-the-Move Chemical Surface Detector
- Multi-Phase and Aerosol Vapor chemical agent detectors (MPCAD and AVCAD)
- CENTAUR (Capabilities to Enable Threat Awareness, Understanding & Response)
- Test Grid Instrumentation System Upgrade
- Aircraft & Vehicle Contamination Study
- INTACT (International Novel Threat Agent Characterization) testing
- Jackrabbit – large scale outdoor toxic industrial chemical (TIC) release
- Smoke & Obscurant testing
- COMET (Cryogenic Oxygen-Methane Explosion Test)
- Unmanned Aerial System (UAS) test support
Workforce & Direct Economic Impact

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<tbody>
<tr>
<td>Total Military/DA Civilians</td>
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<tr>
<td>DoD Tenants</td>
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<tr>
<td>Other Tenants</td>
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<tr>
<td>DPG Residents</td>
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<td>Total Employees and Residents</td>
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<tr>
<td>Transients/Customers</td>
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DPG supports nearly 2,500 jobs and contributes $225M to Utah’s economy

Source: Kem C. Gardner Policy Institute analysis using the REMI PI+ model
Purpose: Posture DPG to fulfill mission requirements in the year 2040 and beyond

Key Aspects:

• Threat Informed and Customer Based – Adversaries continue to develop new and more dangerous technologies; DPG develops test and evaluation capabilities to stay ahead of threats and meet customer requirements

• Mission and Readiness Focused – Enhances readiness by providing top quality and timely testing and world-class training capabilities

• Sustainable – Enterprise must be able to sustain capabilities over time

• Workforce Development – A proactive plan to build and maintain a diverse, highly skilled team

• Holistic – Addresses mission and mission support capabilities

Endstate: DPG postured with the facilities, workforce, mission and mission support facilities to meet customer requirements and enhance warfighter readiness
The Future

**Test Capabilities Improvements**

- Nontraditional (NTAs) and Pharmaceutical Based Agents (PBAs) / Fetanyls
- Modular Test Capabilities
- NBCRV On-the-Move CSD
- Near Real-time Swatch, Seam & Closures Test Fixture
- Additional MIL-STD-810 Chambers
- Wireless Test Grid/OADMS

**Infrastructure Improvements**

- DPG 2040 planning ongoing
- Replacement of air-handling for chem labs
- Additional 2 MW Solar Field

**Test and Training Events**

- TECFT
- MPCAD, AVCAD, PCAD, CVCAD
- Desert Ice
- UIPE-FOS
Empowering the Nation’s Defenders!

- Supporting the Soldier
- Quality of life
- Vast remote areas for testing and training
- Positioned for future growth
- Expert, Army Acquisition-certified workforce
- Infrastructure in place with state-of-the-art equipment
- Supporting DOD transformation
- Environmental permits
- On-site airfield

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TEAM DUGWAY –
Empowering the Nation’s Defenders

COL Scott D. Gould
Commander, Dugway Proving Ground
5450 Doolittle Ave
Dugway Proving Ground, UT 84022

CSM Mauvet M. Rawls
Installation Command Sergeant Major
5450 Doolittle Ave
Dugway Proving Ground, UT 84022

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