Agenda and Purpose

• Mission and Vision
• Organization
• Quality of Life
• Location
• Test Center Capabilities
• Recent & Future Activities
• Discussion and Questions

Purpose: Provide an overview of Dugway Proving Ground’s mission and capabilities.
DPG 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.

DPG Vision

Dugway Proving Ground provides unparalleled testing, evaluation, training, and technical support to the Department of Defense, inter-agency partners, and our Allies while maintaining a world-class workforce, facilities, and quality of life for our employees and their Families.
BLUF: Test Tube to Battlefield

Dugway Proving Ground is the nation’s designated Major Range and Test Facility Base for Chemical and Biological Defense (C/B) Testing and Countering Weapons of Mass Destruction (CWMD) Support.

Chem Testing

Bio Testing

CWMD Support

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Dugway Proving Ground Organization

Team Dugway – working together to execute the mission and care for people

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Workforce & Direct Economic Impact

Total Military/DA Civilians 486
ATEC, IMCOM, Appropriated Funds, Non-appropriated Funds

DoD Tenants 622
MICC, MEDCOM, NEC, RIAC, UTTR, TMDE, BTB, CPAC, LRC

Other Tenants 784
Army/AF Contractors, AAFES, IHG, USPS, Schools, CU

DPG Residents 228
Spouses and Dependents only

Total Employees and Residents 2120

Transients/Customers 50-1500
Military/Civilian combined on any given test day

Dugway Proving Ground supported nearly 2,500 jobs and $225 M in GDP for Utah

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
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<tbody>
<tr>
<td>Jobs</td>
<td>2,479</td>
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<tr>
<td>Earnings (M)</td>
<td>$175.9</td>
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<tr>
<td>Gross Domestic Product (M)</td>
<td>$225.0</td>
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Source: Kem C. Gardner Policy Institute analysis using the REMI PI+ model

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Installation – English Village

- On-Post Housing for Families and Individuals
- Visitor Lodging at Desert Lodge
- Occupational Health Clinic
- Commissary, Gas Station and Shoppette
- School: Elementary - High School (K-12)
- Comprehensive Family and MWR Programs
  - Army Community Service (ACS)
  - Business and Recreation
  - Child and Youth Services (CYS)
Installation – Army Community Service & Child and Youth Services

- Diverse array of family services
- Life skills classes
- Financial readiness
- Employment readiness
- SARC/SHARP

- Quality child care for all ages
- Child Development Center
- School Age and Youth Center
- School Liaison Officer
Installation – Recreation & More

- Fitness Center
- Sports and fitness programs
- Outdoor swimming pool
- Community Club & Ditto Diner
- Library
- Sportsman’s Complex
- Skeet Range
- Rock and Wood Shop
- Auto Craft Shop
- Outdoor Recreation
- RV Park and RV Storage Lot
- Leisure Travel
- Antelope Inn
- Community Special Events
Location & Airspace

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

**Dugway is Accessible:**
- 78 miles from Salt Lake International Airport (I-80)
- 38 miles from Tooele
- 82 miles from Provo

<table>
<thead>
<tr>
<th>Description</th>
<th>Area</th>
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<tbody>
<tr>
<td>Total Area</td>
<td>1,252 miles²</td>
</tr>
<tr>
<td>Mountain Terrain</td>
<td>59,078 acres</td>
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<tr>
<td>Mixed Desert Terrain</td>
<td>279,768 acres</td>
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<tr>
<td>Playa (flats)</td>
<td>462,180 acres</td>
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<tr>
<td>Total Airspace Footprint</td>
<td>16,797 miles²</td>
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<tr>
<td>Restricted Airspace</td>
<td>7,954 miles²</td>
</tr>
<tr>
<td>Military Operations Area</td>
<td>10,004 miles²</td>
</tr>
<tr>
<td>DOD Exclusive-use Land</td>
<td>3,078 miles²</td>
</tr>
<tr>
<td>Government-owned Land</td>
<td>16,686 miles²</td>
</tr>
</tbody>
</table>
Test ranges for all classes and sizes of chemical, biological, explosives and elite forces testing and training.
Michael Army Airfield (MAAF)

- Emergency landing site for distressed aircraft
- Aircraft decon pad
- 20,000 ft² hangar
- New 5,600 ft² hangar
- 495,000 ft² apron space

Operational Use:
- Unmanned Aircraft Systems testing
- Shipment of surety materials
- C/B decontamination of aircraft
- Tactical air operations
- Air re-supply and logistics
- USAF emergency airfield
- Contingency Power Projection Platform for Tooele Army Depot (TEAD)

Fully lighted 11,000-ft runway capable of handling any aircraft in DOD inventory

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Unmanned Aircraft Systems (UAS)

Onsite airfield facilitates UAS testing programs

- Rapid Integration and Acceptance Center for PM-UAS
  - Hunter
  - Shadow
  - Warrior
  - Gray Eagle
- Adjustable IR, Laser and EO targets
- High-speed optical data imaging
- Cloud characterization for C/B disseminations
- Hellfire range support
- Fabrication shops

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CWMD Non-Materiel Evaluation and Support

Providing expertise and locations to evaluate procedures and equipment in realistic operational environments that is informed by test expertise

- Evaluate equipment effectiveness in new operational scenarios with similar rigor to materiel testing
- Support addressing the full range of countering WMD tasks and requirements – from prevent use or proliferation through managing the consequences of employment
- Deliver graduate level, hands-on training with real agents and simulants in threat-representative scenarios
  - Focus on chemical and biological detection, signature recognition and sampling
  - Enhance readiness to respond to domestic chemical or biological terrorist attack
- Provide realistic, practical exercises to test tactical skills in the detection, forensic sampling, and packaging of chemical/biological agents

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Recent Accomplishments

Jackrabbit - Large-scale outdoor Toxic Industrial Chemical releases (10 to 20 tons)

• Capstone event of a multi-year effort (DTRA, DHS)
• Multiple government, academic & international participants
• Meteorological forecasting and modeling of conditions and dispersion characteristics prior to and during test events

SK Challenge Field-test Week
• New Solar Field – 2 MW
• CALDERA and Iron Warrior
• Desert Ice Multinational C/B Event
• Air Force WSEP

SK – Sophos Kydoimos
DTRA – Defense Threat Reduction Agency
DHS – Department of Homeland Security
CALDERA – Crater Algorithm Designed for Explosive charge Analysis
WSEP – Weapon System Evaluation Program

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The Near Future

**Test Capabilities Improvements**
- Nontraditional Agents (NTAs)
- Modular test capabilities
- Replacement of air-handling for chemical laboratories

**Infrastructure Improvements**
- Wireless Test Grid
- Additional 2 MW Solar Field

**Test and Training Events**
- SK Challenge IV Field-test Week
- Desert Ice Multinational CB Event

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Discussion and Questions

DPG – Viable today and preparing for tomorrow

Supporting the Soldier
- Vast remote areas for testing and training
- Expert, Army Acquisition-certified work force

Quality of life

Positioned for future growth

On-site airfield

Supporting DOD transformation

Infrastructure in place with state-of-the-art equipment

Environmental permits
TEAM DUGWAY –
Empowering the Nation’s Defenders

COL Brant D. Hoskins
Commander, Dugway Proving Ground
5450 Doolittle Ave
Dugway Proving Ground, UT 84022

CSM Joe A. Bonds
Installation Command Sergeant Major
5450 Doolittle Ave
Dugway Proving Ground, UT 84022

Dugway Proving Ground Public Affairs Office E-mail:
usarmy.dpg.atec.mbx.pao@mail.mil

Dugway Proving Ground Website:
www.dugway.army.mil/

Dugway Proving Ground (Official) Facebook page:
www.facebook.com/USArmyDPG
Back Up
Major Range and Test Facility Base (MRTFB)

“The DA MRTFB is an aggregation of T&E activities…designed to provide support capabilities based on DOD component requirements without unnecessary duplication. DA MRTFB activities are available to all users with valid hardware testing and test support requirements.”

-Army Reg. 70-69, 1-6, a

“Capabilities….shall not be unnecessarily duplicated.”

-DoDD 3200.11

Public Law 103-160, 30 Nov. 93: Directed consolidation of all CBDP funding; DPG MRTFB operating costs became responsibility of CBDP. Sec. Def. designated Army as Executive Agent to coordinate and integrate chemical/biological defense RDT&E
DoD MRTFB Locations

DPG is the Nation’s designated MRTFB for Chemical and Biological Defense Testing and Training