

# Joint Base West Virginia Overview

## Joint Base West Virginia Vision:

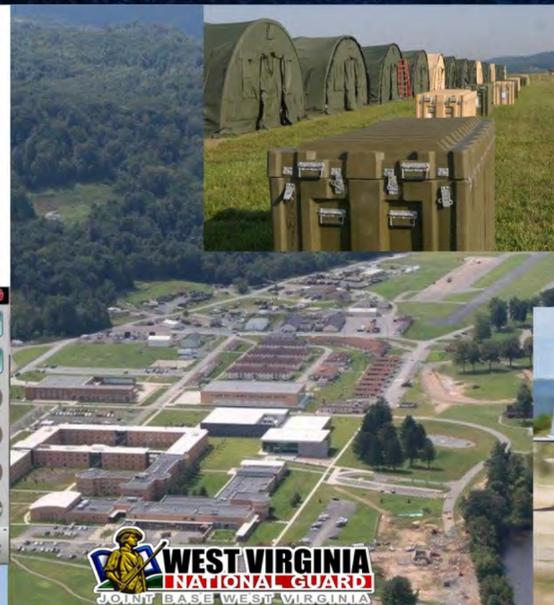
Joint Base West Virginia, home of Citizen- Soldiers and Airmen at their best. Creating opportunities for men and women to live and raise their families in West Virginia and serve the National mission.

## Accomplished by:

Executing cost effective and timely solutions to identified National Defense and Homeland Security gaps and needs by leveraging West Virginia capability and ingenuity through a network of government, (joint interagency, intergovernmental) and civilian assets

Developing and executing joint, interagency national security, homeland security and emergency response capabilities to serve the state and nation

Delivering capable and ready warfighting assets



# Educational Encouragement Program

## Education Benefits

100% Tuition reimbursement for State supported schools in WV up to \$7,000 per person per Fiscal Year, including for Masters Degrees

Tuition reimbursed for private in-state schools based on availability of funds

State Legislature authorized same level of tuition reimbursement for WV based active associate personnel

## Partnerships

WVNG partnership with University of Charleston - Cyber, SOF distance learning

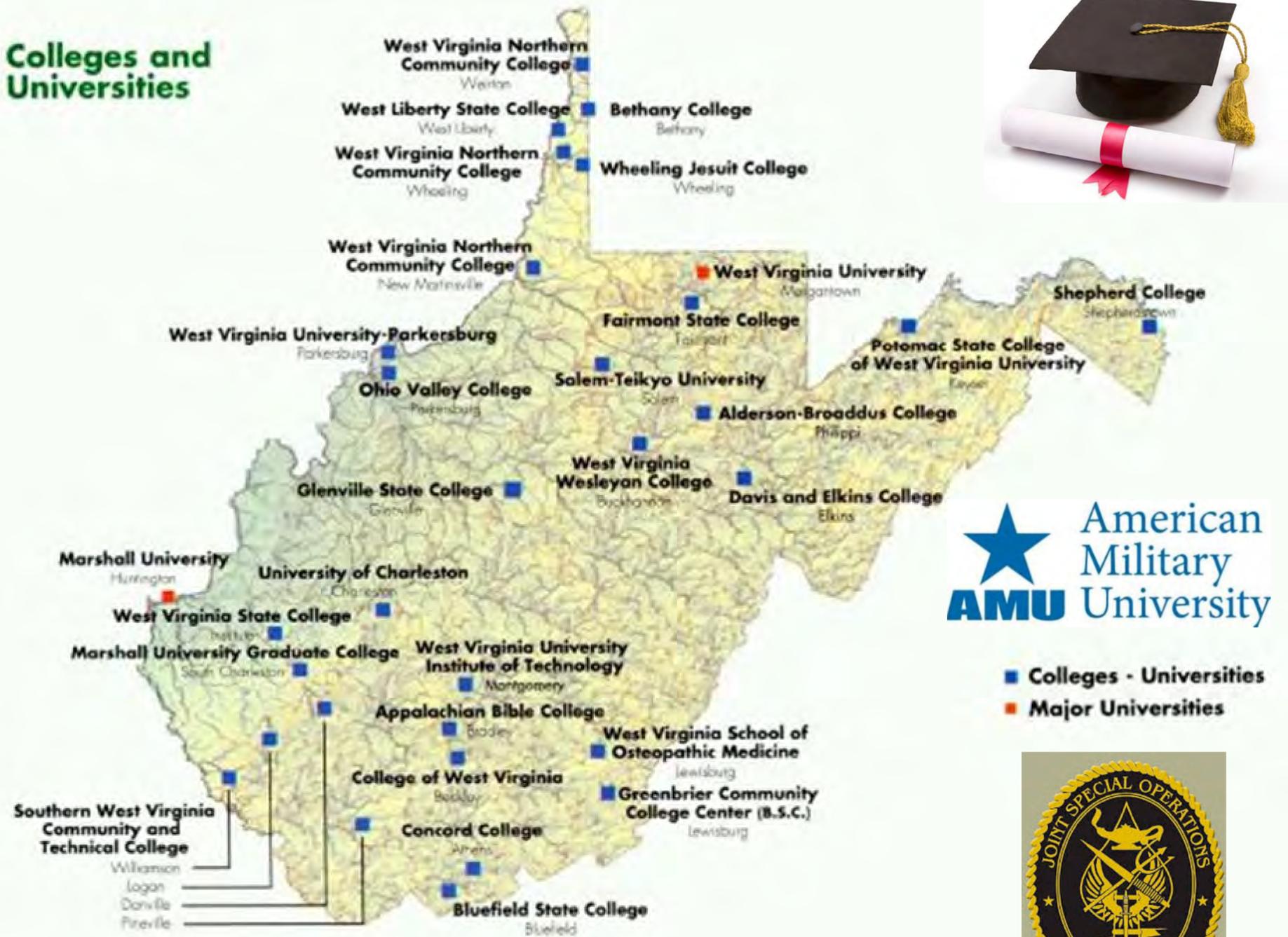
WVNG partnership with Joint Special Operations University (JSOU)

## Opportunity

Associate unit members could obtain their education with reimbursible tuition and return to an active duty unit more competitive for promotions and senior leadership positions



## Colleges and Universities



# 130th AW RC-26B Support to SOF

## SOF Experience

Extensive SOF ISR experience – combined 7500+ aircrew combat hours supporting SOF

Personnel contributed to development of original curriculum for RC-26 Special Mission FTU at Hurlburt Field, FL

Recent Mission Commander, Aircrew, Intel support for SPARTAN SHIELD

Member served as ANG Liaison to SOCSOUTH

AvFID/BPA experience - multiple ISR/ Intel SMEEs with State Partner Peru and recent ISR SMEE with Brazilian Federal Police Aviation Unit for SOCSOUTH

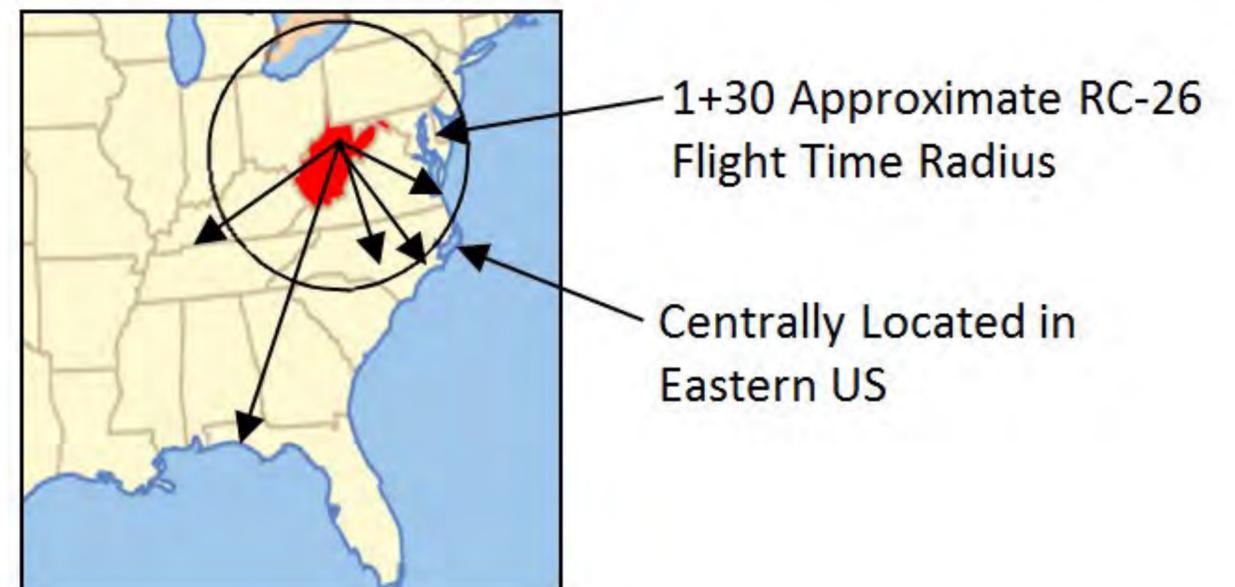
## Opportunities

Opportunities for cost-effective joint, integrated manned ISR training support using JBWV's centrally located training venues or other eastern US SOF bases



## Major RC-26 Deployments

Operation IRAQI FREEDOM, Operation NEW DAWN (Iraq), Operation ENDURING FREEDOM (Afghanistan), Operation SHULA THUNDER (Colombia), Operation UNIFIED RESPONSE (Haiti), Southwest Border



# West Virginia Army National Guard SOF

## 2nd Battalion, 19th Special Forces Group (Airborne)

Supports the Pacific Geographic Combatant Command's regional engagement strategy

Participates in training events throughout Asia

Maintain proficiency in Unconventional Warfare techniques, foreign language skills, Special Forces Advanced Urban Combat, Dive sustainment, Military Free Fall, mountaineering and medical sustainment

## Special Operations Detachment Europe

Supports US Special Operations Command - Europe

Provides command and control of Special Operations Forces under the command of SOCEUR.

Supports numerous European partners as they build and strengthen their capacity and our military partnerships

## Opportunities for Joint Integration

Utilize JBWV training facilities to maintain proficiency

Work closely with 130AW for airlift, airdrop, Ridge Runner support

Serve as SMEs for other State Partners utilizing JBWV training venues

Work closely with 130AW for airlift, airdrop, Ridge Runner support

Serve as SMEs for other State utilizing JBWV training venues

Serve as trainers, OPFOR, evaluators



### ODA 9232 Annual Training



Small Unit Tactics



Shoot and Move

### Joint ODIN & Ridge Runner Training Exercise



### SOD-E Battalion Level Command & Control (C2) Training with Hungarian SOF Staff Elements



Staff Mission Planning



OPORD Mission Analysis



Visit to Tomb of Hungarian and U.S. Unknown Soldiers



Visit to Hungarian Special Forces Assessment & Selection



### Ridge Runner and 92nd Civil Affairs Battalion



Providing Medical aid to Civilians



CAT Being Detained and Questioned



SWAT Interdiction During Evasion



Local Police Testing a Team's SOPs



# State Partnership Program WV-Peru

## Established in 1996

Experience has provided insight into regional challenges facing the Andean Ridge, especially in the areas of counter-insurgency, anti-terrorism, emergency preparedness, risk mitigation, disaster response and recovery

## Major Engagement Areas

Civil Defense / Disaster Preparedness  
 Engineer Project Management  
 Interagency Coordination  
 RC-26 / Intel -

Since 2008 the Peruvian AF has visited WV four times - MANPAD IPB, Intel Support to RC-26 ops, Dynamic Targeting cycle

Since 2008 WV has visited Peru six times—AFSOUTH support for ISR Assessment, Dynamic targeting, IPOE and Joint Operations, RC-26 employment, 571st Mobility Support Advisory Squadron (MSAS) augmentation

130AW Intel briefed the AFSOC A2 in 2013

Led to expanded opportunities with SOCSOUTH - 2015 Brazil Federal Police Aviation Unit SMEE, ARNG-Brazil Firefighter Search & Recovery SMEE in preparation for hosting 2016 Olympics

## Opportunities

Existing FID/AvFID/BPA experience



## State Partnership

### Program—Peru 1996

- 2006—L-100 Maintenance
- 2007—Airbase Ground Defense
- 2008—C-130/RC-26
- 2009/2010—RC-26
- 2012—RC-26/Intel
- 2013—RC-26/Intel
- 2014—RC-26/Intel; 2 x C-130 COOPERACION III

# Ridge Runner Irregular Warfare Training

Various communities and interagency partnerships formed to create complex, dynamic-scenario based training "laboratory" using the population as the center of gravity to offer the most realistic training opportunities for SOF

Enhance SOF ability to train in the most realistic environment possible; custom designed; enhances but does not replace other training centers and missions.

Over 500,000 acres of training area throughout the state.

Can integrate numerous airstrips and drop zones into each scenario

130AW has provided airlift for participants, MFF/static line airdrop platform, LCLA/bundle drops to remote 1 sec DZs for resupply, future RC-26 ISR support

## Participants

- 2013 - 92nd Civil Affairs Battalion - Europe pre-deployment training
- 2013 - 2/19 SFG(A) - 3xODAs, 1xODB, and a slice of the BN Headquarters
- 2014 - 92nd Civil Affairs Battalion
- 2014 - Elements of 10th SFG(A)
- 2014 - 772nd Troop Command Survival Course
- 2014 - Lithuanian SOF in conjunction with Pennsylvania National Guard
- 2014 - MARSOC (cancelled due to taskings)
- 2015 - 7th SFG
- 2015 - 5th SFG

Future plans include potential Marshall University partnership for VR/"Unity"; site visits by USAJFKSWCS & SOUTHCOM Senior Enlisted

## Opportunities

JBWV is an existing SOF training destination



*Develop and execute an Irregular Warfare training environment to enhance the knowledge and skills required to successfully conduct Irregular Warfare activities in support of the Combatant Commander.*

## WVNG RIDGE RUNNER



## Concept (DoD 3000.07, ARSOF 2022 Pt I & II)

## Usage (SOCEUR, 10<sup>th</sup> SFG(A), 19<sup>th</sup> SFG(A), 92<sup>nd</sup> CA)

Develop and execute Special Warfare and Surgical Strike training scenarios to enhance the knowledge and skills required to conduct Special Operations in support of the Combatant Commander

Customizable scenarios to meet CDR's requirements

500,000 acres of training area providing geographically diverse scenarios

WVNG personnel and resources providing timely, cost effective, world class IW training scenarios

Enduring civil/military relations

State and local government officials, business owners, and citizens readily volunteer support to Ridge Runner initiatives

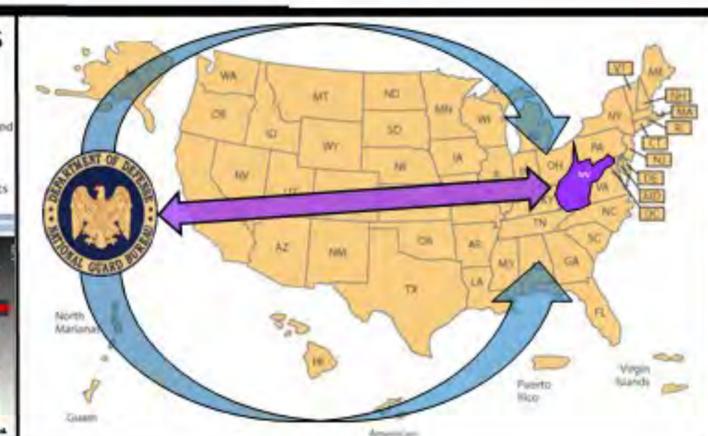
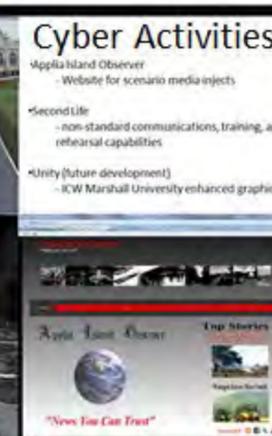
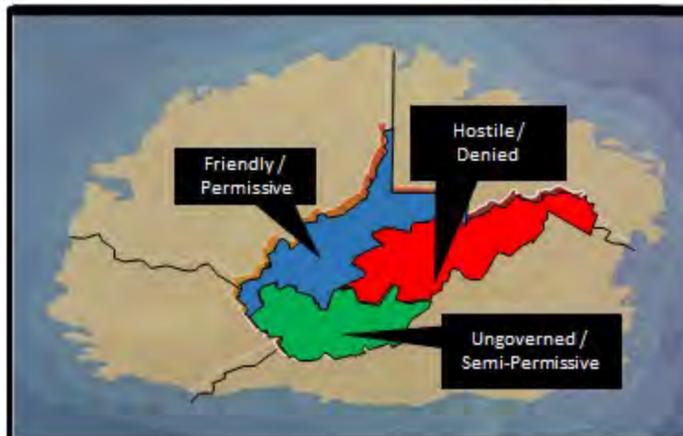
## Potentiality (NDU, JIIM)

USASOC's premier training activity for UW, FID, CMO, CT, CP, DA and Recovery Operations

Access to Institutional Knowledge

Exercise SOF Operational Design Flow

Enables Campaign of Learning



**"Service Members Training Service Members"**

# Advanced Counter Terrorism Technology Training and Testbed Initiatives

## Combating Terrorism Technical Support Office

Tactical Mesh Network, Micro Tactical Ground Robot (MTGR)

ArrowLite-HL Small UAS

Cyber Operations - Social Media OSINT (COSMO) Training

Cyber Operator Greyhat (COG) Course

## Office of the Secretary of Defense (OSD) Directorate of Operational Test and Evaluation (OT&E)

Albright Power Plant - Full-spectrum critical infrastructure SOF training venue

Advanced Cyber Protection Team (CPT) Course (in partnership with USCYBERCOM J7)

## US Army JFK Special Warfare Center and School (USAJFKSWCS)

Partnering with 6th Bn/1st SWTG to execute pilot cyber exploitation course in 2015

## Special Operations Research Development and Acquisition Center (SORDAC)

Seeking to become the primary east coast SORDAC testing location

## Opportunities

Existing JBWV SOF/Cyber Partnerships

Seeking future Cyber Ops Unit at 167AW



Albright Power Plant



Cyber Operations - Social Media OSINT Training (COSMO)



ArrowLite-HL Small Unmanned Aerial System



Micro Tactical Ground Robot



**CTTSO** Combating Terrorism Technical Support Office



# Camp Dawson & Advanced Mobility Training Area

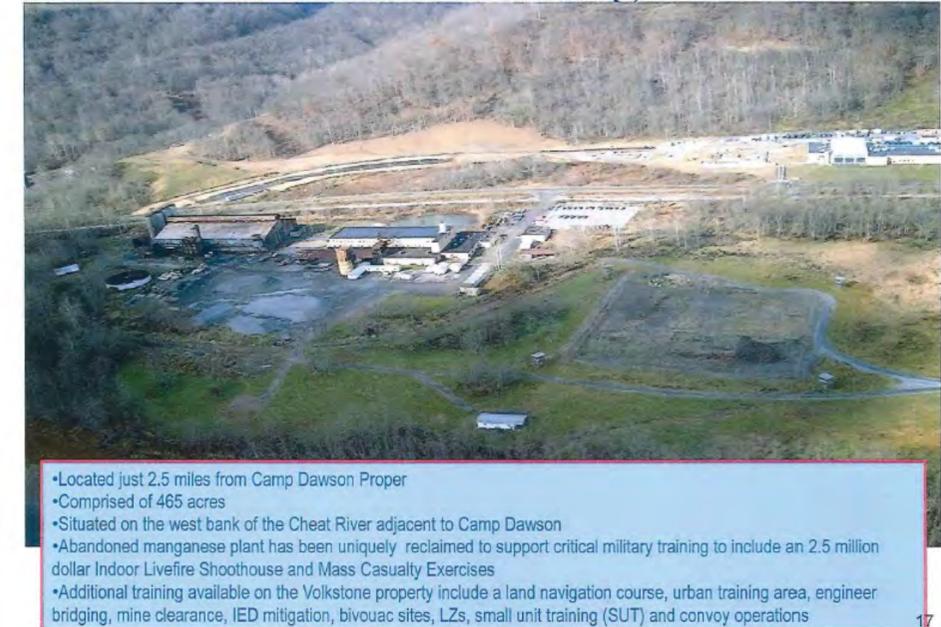
## Camp Dawson - West Virginia National Guard (WVNG) training facility in Preston County, West Virginia frequently used by SOF

Training Opportunities - State of the Art Operations Center, Regional Training Institute (RTI), Live Fire Shoot House, Modified Record Fire (MRF) Range, MOUT sites, MEDEVAC support, Engagement Skills Training (EST), HMMWV Egress Assistance Training (HEAT), Virtual Convoy Operations Training (VCOT), demolition and grenade ranges, etc.

Amenities - Conference center, fitness center, small arms ranges, dining facility, MWR, lounge, Olympic pool, outdoor recreation, auditorium, barber shop, combat simulators, airfield, ID card center, classrooms, snack bar, barracks, heli pads, hotel style rooms, post exchange, computer labs, mess halls, and a fuel farm.



## Volkstone Training Area



- Located just 2.5 miles from Camp Dawson Proper
- Comprised of 465 acres
- Situated on the west bank of the Cheat River adjacent to Camp Dawson
- Abandoned manganese plant has been uniquely reclaimed to support critical military training to include a 2.5 million dollar Indoor Livefire Shoothouse and Mass Casualty Exercises
- Additional training available on the Volkstone property include a land navigation course, urban training area, engineer bridging, mine clearance, IED mitigation, bivouac sites, LZs, small unit training (SUT) and convoy operations

## Advanced Mobility Training Area (AMTA) Located in Southern WV near the Center for National Response (CNR)

Created to provide improved soldier training in harsh terrain environments, reducing rollover incidents and casualties. Initially utilized to train SOF in use of MRAP's on extreme terrain. Now offers training for whole family of tactical vehicles.

Developed through partnership with coal industry on existing surface mined land, in conjunction with the Army Safety Center and the Maneuver Center of Excellence (MCoE) at Fort Benning GA

### Opportunities

Training opportunities for AFSOC personnel Opportunities for FID/AvFID

## 2<sup>nd</sup> Marine Division Truck Co



AMTA OBSTACLES  
 DRY RIVER BED  
 SIDE SLOPE  
 OBSTACLE  
 MODULATION  
 OBSTACLES MOGULS  
 VERTICAL & APPROACH  
 WALLS FORDING PIT  
 ROCK WALL  
 50 MILES OF TRAIL  
 WORKS

## Camp Dawson's Proximity to Metropolitan Areas



- Morgantown (24 miles)
- Pittsburgh, PA (102 miles)
- Charleston, WV (176 miles)
- Washington, DC (208 miles)
- Columbus, OH (176 miles)

Airfares offered at GSA rates flying into Morgantown and Pittsburgh.



# Joint Base WV SOF Mission Support

UNCLASSIFIED



NAVSOC Equipment APOE



**Uncongested Airspace**  
 26,000 Square Mile LATN Area  
 3 NVG Assault Zones within 50NM  
 7 Drop Zones  
 25K'+ Freefall Capability  
 2 MOAs  
 23 MTRs  
 11 Local Routes



Camp Dawson

Demo Range, Live Fire Shoot House, Combat Simulators, LZs/DZs, Climbing, Rappelling, M203/MK19/.50 cal Ranges, MOUT Site, EPW Site, MRAP Rollover Trainer, Convoy Ops, Off Road Driving, Land Nav, etc.



Albright Power Plant  
 Full Spectrum Critical Infrastructure  
 SOF Training Venue



1 x RC-26B  
 Clarksburg, WV



167th Airlift Wing, Martinsburg, WV  
 Converting to C-17s



130th Airlift Wing, Charleston, WV  
 6802' x 150' Paved Runway  
 Ramp Space for Multiple Transients  
 Link 16/SADL Pocket-J Remote  
 Element Gateway Capability



Several Door Bundle 1 sec DZs  
 Land Use Agreements for  
 500K+ Acres



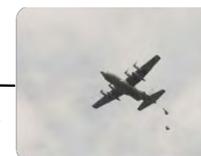
Experienced C-130 Maintenance Support  
 \$44M Maint Complex Completed 2011



Fola DZ  
 1400 x 1200 Yard DZ  
 Circular DZ & IMC Drops  
 Future Potential AC-130  
 Gunnery Range



Appalachian Regional Airport  
 5001' x 75' Paved LZ  
 NVG Lighting  
 Minimal Cultural Lighting



Future— Multiple  
 Blind DZs



Logan County Airport  
 3605' x 75' Paved LZ  
 NVG Lighting  
 Minimal Cultural Lighting



Camp Branch  
 3659' x 60' Dirt LZ  
 NVG Lighting  
 Minimal Cultural Lighting  
 1000 x 1200 Yard DZ, HALO DZ  
 Future JPADS DZ



Future 6000'+ Dirt LZ  
 C-17 Capable  
 FOB Training Location



Center for National Response -  
 WMD Training Complex  
 Advanced Mobility Training Area -  
 Driver Training in Harsh Terrain  
 HMMWV, ATV, NSTV

Video describing the unique air training venues available in the mountainous terrain of West Virginia:  
<http://www.dvidshub.net/video/369524/air-training-venues-available-west-virginia>

UNCLASSIFIED



# WV JITEC, 35<sup>th</sup> CST and CERFP prepare the 101st Airborne Division For Deployment to Ebola Plagued Liberia



**WHO:** WV JITEC, 35<sup>th</sup> CST and CERFP

**WHAT:** Providing USAMRIID training augmentation to the 101<sup>st</sup> Airborne Division with SMEs, proper PPE utilization, equipment demonstrations, and showcasing three separate levels of the decontamination process.

**WHEN:** 7 OCT 14

**WHERE:** Dreyer Field House, Fort Campbell, KY

**WHY:** The purpose of this mission was to assist trainers from USAMRIID with preparing approximately 1000 soldiers for an upcoming deployment to Liberia that focuses on the Ebola epidemic.

**COMMENTS:** The team integrated themselves into the training provided by USAMRID by supplying CBRN SMEs, DECON systems, mask fit testers, and over 2000 sets of PPE.



# Joint Interagency Training & Education Center

## JITEC

Educate, train and exercise DoD, Joint, Intergovernmental, Interagency, and Multi-National partners/organizations in homeland defense

Training expertise includes: Chemical, Biological, Radiological, Nuclear and High-Yield Explosive (CBRNE), Continuity of Operations (COOP), Continuity of Government (COG), National Guard Joint Operations Centers (JOC), and Critical Infrastructure Protection (CIP) assessment and training

## Center for National Response (CNR)

Provides cost-effective, state-of-the-art WMD Consequence Management (CM) / Counterterrorism (CT) exercise based training and operational equipment testing

Post Blast Rubble Area with hazards and vehicles; Subway Train and Station with Mezzanine; Three WMD laboratories at different levels of sophistication; Highway WMD HAZMAT incident that can be configured with a wide variety of Chemical, Biological, and Radiological sources; Caves and a Bunker complex; Confined Space Emergency Egress Trainer; Tactical Trainer; Mountain Hideout; and Aircraft Fuselage.

## Opportunities

Opportunities for FID/AvFID



# Naval Special Warfare Operational Stocks

## Controlled Storage

Provides controlled, secure storage of special operations Civil Engineering Support Equipment (CESE), Base Camp Materials and NSW Weapons Parts

## Shipping and Receiving

Ship, receive and stock mission essential equipment to support NSW requirements around the world in 24 to 48 hours

## Maintenance

Maintain highest level of equipment operational readiness

## Training

Familiarize and cross train Naval Special Warfare Combat Support Service Personnel

## Results

- 30 x 50-man base camps
- Over 400,000 lines of CL IX
- 8 bay state of the art maintenance shop
- Overall readiness increased from 55% to 96%

## Opportunities

WVNG could perform similar mission for AFSOC



# Security Cooperation Support to Brazil in support of SOCSOUTH

## Increase Brazilian Police Force ISR Capabilities to support Olympics in 2016

Increase ability to report real time information for counter-narcotics interdiction and counter terrorism operations in Brazil.

Gather and Disseminate Joint Information utilizing fixed and rotor wing assets. Improve on doctrine in the areas of crew coordination, aircraft maintenance, analysis, FLIR operation and sensor interpretation

Exchange best practices to the Brazilian Federal District Military and Brazilian Military Forces for Chemical, Biological, Radiological Nuclear and Explosive (CBRNE) mass casualty incidents and mitigation of risks associated with CBRNE scenarios.

Increase ability to respond to mass casualty events due to CBRNE threats Share organizational training and equipment used by each organization



Prep for Olympics  
SOCSOUTH (Brazil)  
CBRNE and CIP  
ISR Capabilities SMEEs

The Rio 2016 Olympic logo, featuring the Olympic rings and the text "Rio 2016".

# TACOM's National Maintenance Program Tires



- DOD's largest tire rebuild facility
- Rebuild and return to DLA inventory or ship around the world to DOD units
- Green – no tires to the landfill
  - Over 12 million pounds of unserviceable rubber disposed
  - Cost savings of \$25 million in disposal fees
- 10,000+ tires rebuilt per year since 2010
- Potential to save the DOD over \$50 million annually if operated at full potential
- ISO 9001-2008 compliant through Army Material Command
- ISO 9001-2008 registered through Orion Registrar, Inc.



# CECOM's Generator Maintenance Program

**ISO**  
**9001:2008**  
REGISTERED

- Sustain components of the TRC-190 communication system
- Over 1,000 generators reset since inception
- Shelter refurbishment saved \$250,000 per month
  - 30 shelters refurbished per month
  - Upgraded to new componentry
  - Shelter refurb was a 24 month project
- Winterization kits installed on generators in Alaska and Fort Drum
- Modifications to trailers ongoing
  - Brackets made in WV
  - BII reset and installed on trailers
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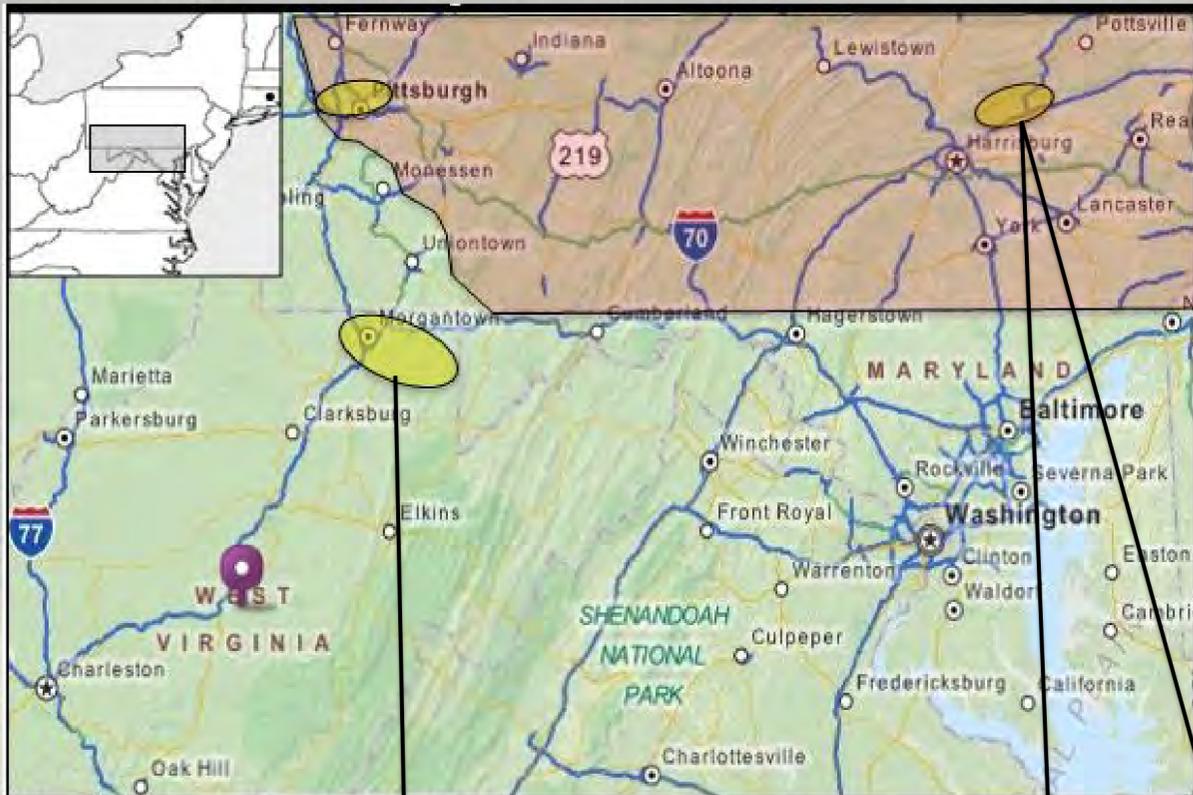
# Lambayeque Peru Civil Defense Search & Rescue Training

# Tarapoto Peru Civil Defense Search & Rescue





# RIDGE RUNNER LTUSOF 11-29 JULY 2014



## Exercise Objectives

The objectives of this event are to provide US and LTU operators a specialized training venue to develop and refine interoperability skills and processes to leverage non-traditional enablers to the advantage of US and coalition forces supporting the Combatant Commander's engagement requirements in Afghanistan.

## Exercise Goals

1. Enhance US and Lithuanian inner-operability proficiencies to conduct Irregular Warfare activities
2. Strengthen EUCOM's strategic message of supporting European partners
3. Showcase the Operational Army National Guard by providing relevant, ready forces capable of supporting the Combatant Commander's requirements

## Timeline of the exercise 2014





# Brazilian CBRN Familiarization

## In support of SOCSOUTH



**WHO:** WV CERFP & 35<sup>th</sup> CST

**WHAT:** To provide a CBRN familiarization exchange with 5 members from the Brazilian Military Fire Department.

**WHEN:** 20 - 25 APR 15

**WHERE:** Camp Dawson, WV

**WHY:** The purpose of this mission was to provide an information exchange between the CBRN enterprise and the Brazilian Military Fire Fighters in support of SOCSOUTH to prepare for the upcoming Olympics that will be held in Rio.

**COMMENTS:** The WV CERFP and the 35<sup>th</sup> CST (WMD) provided CBRN familiarization as well exchanged best practices on Ropes, Breaching & Breaking and Confined space training operations.

