



# **JOINT NATIONAL TRAINING CENTER**

## **40th Annual NDIA Air Targets, UAVs Range Operations Symposium and Exhibition**

**John Walsh**

**Assistant Director, Collective Training  
Office of the Deputy Under Secretary of Defense  
(Readiness)**



# Fight as a Joint Team Train in a Joint Context

- Design joint training objectives based on joint mission requirements
- Develop realistic scenarios
- Tailor joint C2 to training requirements
- Use joint doctrine, tactics, techniques and procedures
- Incorporate coherent OPFOR planning, integration, and C2
- Provide joint exercise control
- Conduct joint event analysis and feedback (AAR)
- Certified locations and accredited events

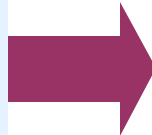
**JFCOM Provides Joint Context and Certification**



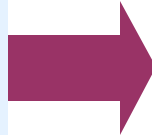
# Build on Success

## 1<sup>st</sup> Training Transformation Major Training Centers

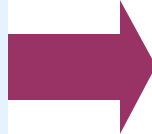
**Realistic Combat Training**



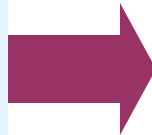
**Opposing Forces**



**Ground Truth**



**Feedback**



## 2<sup>nd</sup> Training Transformation Joint National Training Center

- Joint context - horizontal / vertical
- Employs joint doctrine / tactics / techniques
- Live training with simulation / stimulation
- Mission rehearsal implications
- Realistic information ops and C4ISR
- Potentially deployable / distributable
  
- Multi-dimensional peer adversary
- Asymmetric challenges
- Diverse targets / threats
  
- Integrated range instrumentation
- Joint Observer / Trainers
- Certified, accredited
  
- Focus on joint performance outcomes
- Ability to assess concepts and doctrine
- Feeds joint lessons learned
- Promotes Joint Training System use



# Joint National Training Center Major Thrusts

## Thrust 1: Improved Horizontal Training

- Build on existing service interoperability training

## Thrust 2: Improved Vertical Training

- Link component and joint command and staff planning and execution

## Thrust 3: Integration Exercises

- Enhance existing joint exercises to address joint interoperability training in joint context

## Thrust 4: Functional Training

- Provide dedicated joint training environment for functional warfighting and complex joint tasks

**Funding Required in '02 & '03 to achieve IOC by Oct '04  
JFCOM Engaged in all Thrust Areas**



# Thrust 1

## Improved Horizontal Training

**Concept:** Build on existing service interoperability training

**Near term:** Provide joint context in existing major service training

**Long term:** Synchronize training events at regional major training centers

**End state:** Fully integrated and standardized joint interoperability training

- Centers: 29 Palms, Ft. Irwin, Ft. Polk, Nellis, East- and West-Coast Navy Range Complexes
- Events: CAX / NTC / JRTC / Red Flag / JTFEXs
- Trains applicable Joint Interoperability Tasks to joint, certified standard
- Provide coherent, adaptive OPFOR; asymmetric capabilities; targetable command structure
- Full instrumentation with simulation insertion capability, potential for deployability to other locales
- Complete after action review, revitalized joint lessons learned process



## Thrust 2 Improved Vertical Training

---

**Concept:** Link component and joint command and staff planning and execution

**Near term:** Provide joint context in component and joint command and staff training events

**Long term:** Link command and staff planning and events to evolve with the standing joint force headquarters development

**End state:** Fully-trained standing joint force headquarters with functional components

- Stressful, distributed command and staff planning and execution across full joint operational framework
- Distributed world-class, adaptive OPFOR with asymmetric capabilities
- Ground truth through enhanced data availability
- Complete after action review with lessons learned



## Thrust 3 Integration Exercises

---

**Concept:** Enhance existing joint exercises to address joint interoperability training in joint context

**Near term:** Assess all Joint Interoperability Tasks biennially in a joint context using select joint exercises

**Long term:** Near-term plus a specially designed major transformation event where complex joint tasks are performed in joint context

**End state:** Joint interoperability training is conducted and analyzed, with lessons learned leading to improvements across the DOTMLPF spectrum

- Exercises: Roving Sands / Enhanced JTFEX / Joint Red Flag
- Realistic combat training for participating forces
- Existing service OPFOR with augmentation
- Ground truth with additional funding to improve data collection
- Learning events to assess current and emerging doctrine



## Thrust 4 Functional Training

**Concept:** Provide dedicated joint training environment for functional warfighting and complex joint tasks - urban, littoral, homeland defense

**Near term:** Develop a proposal for functional training capability, leveraging underutilized facilities and recommending courses of action to inform FY05 budget

**Long term:** Implement proposal

**End state:** Joint forces are trained to conduct operations in key transformational mission areas

- Realistic combat training in functional operations for components, HQs, and interagency players
- World-class, functionally-oriented OPFOR with asymmetric capabilities
- Fully instrumented, linked to live-virtual-constructive
- Complete after action review with lessons learned





## DEPSEC Direction

---

- ✓ **Fund T2-JNTC in FY02 (Thrusts 1-3)**
- ✓ **Study Thrust 4**
- ✓ **Agreed to provide public support**
  - attend an initial JNTC certification May 03 (e.g., NTC)
  - attend enhanced Exercise Roving Sands Summer 03
- ✓ **Directed:**
  - USD(P&R) to develop an implementing memo and continue oversight, planning, and integration efforts
  - USD(C), PA&E, and J8 to identify FY03-09 funding solutions in coordination with USD(P&R) [and Services]



# DEFINING RESPONSIBILITIES

Includes one Service's requirement at another Service's Range

## *Establish Joint Context*

Joint requirements for instrumentation, threat representation, connectivity, joint opposition forces, and their equipage

Service requirements for instrumentation modernization, new threat representation, and opposition equipage at their own ranges

**JNTC \$**

**Service Range  
Modernization \$**



## Program/Budget

---

- **FY 04 –09 Program/Budget will be first to reflect DepSec Decision**
- **Establish Joint Context:**
  - **Create JNTC Core Functions**
  - **Fully fund facilitization for one Service's requirements at another Service's range**
  - **Cost share to improve core infrastructure that supports JNTC requirements**
  - **Focus on Enablers for network-centric warfare training**