

Fort Knox



Installation Familiarization Briefing

***MG Terry Tucker, USAARMC Commanding General
COL Keith Armstrong, Garrison Commander***

Fort Knox: 100 Years of Training Excellence – Ideally Suited for the Future Force



Themes



History: Key to victory since WWII; The Combat Arm of Decision

Relevance: Every Tanker / Scout in Iraq was trained at Ft. Knox

Transformation: The Future Force is being forged here

Value: A single post with regional responsibilities and impact

Community: Local, state and regional partnerships

Environment: No restrictions on training

Joint: Multi-service, Multi-function; Joint installation of excellence

Expansion: Space and facilities for new units and missions

Fort Knox: 100 Years of Training Excellence – Ideally Suited for the Future Force



Briefing Contents



- **Mission Brief**
- **Units / Organizations Information**
- **Installation Master Plan, Land Use, Excess Land, Office Space, Training Area & Ranges**
- **Support Provided to the RC, Homeland Defense, Federal Agencies**
- **Unique Characteristics**
- **Conclusion**

Fort Knox: 100 Years of Training Excellence – Ideally Suited for the Future Force



U.S. Army Armor Center



USAARMC Mission: Train and Support the Army's Mounted Soldiers and Leaders for Full Spectrum Operations.



- **Forge the Future Mounted Maneuver Combined Arms Force, at Brigade and Below, for Full Spectrum Operations in the Joint / Contemporary Operating Environment**
- **Serve as a Mobilization Center / Power Support Platform**
- **Serve as a National Joint Training Center**
- **Key Component of Army Transformation**
- **Provide a Community of Excellence / a Flagship Installation**



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U.S. Army Accessions Command

First Handshake to First Unit of Assignment



USAAC Mission

USAAC recruits, accesses, and provides initial military training to transform volunteers into officers, warrant officers, and enlisted soldiers for the Army.



Conduct nationwide and OCONUS operations involving 1M prospects, 466K students, and 17K cadre and with a \$1.3 B budget

Split operations between Fort Knox, Fort Monroe and Fort Jackson.

The Strategic Outreach Directorate, Center for Accessions Research, Information Support Activity, Resource and Logistics Management Directorate and the Accessions Support Brigade are located at Fort Knox.



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U.S. Army Recruiting Command



USAREC Mission

USAREC recruits with integrity America's best, prepares them to become Soldiers, and accesses them to meet current and future Army requirements, while enhancing individual and organizational well-being

- **Recruit high quality men and women**
- **Select, train and sustain the sales force**
- **Position & mission the sales force**
- **Recruiting force well being**
- **Identify, understand & communicate to the market**



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Fort Knox – 100 Years of Training Excellence



- 1903 - First large scale maneuvers at West Point – Camp Young
- 1918 - US Tank Corps Established, Post named for MG Henry Knox
- 1937 - Bullion Depository accepts it first shipment
- 1940 - Armored Force School established
- 1949 - Patton Museum opens
- 1980 - Production of the M1 tank begins
- 1982 - Bradley Fighting Vehicle (M3) is introduced
- 1990 - Mobilization for Operation Desert Shield/Desert Storm
- 1990 - Reduction of the 194th Separate Armor Brigade Begins
- 1991 - Begin M1A2 testing
- 1992 - US Army Recruiting Command locates to Fort Knox
- 1993 - Mounted War Fighting Battle Space Lab established
- 1999 - Army Transformation Begins
- 2002 - Stryker vehicle Initial Operational Test
- 2003 - Fort Knox soldiers deploy in support of OEF and OIF
- 2003 - Mobile Gun System Limited User Test begins
- 2004 - 2nd year of mobilization support for OEF and OIF

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Installation Statistics / Information



- 109,054 Acres (170.4 Square Miles)
- 7,602 Acres Improved; **5,900 Buildable acres**
- 2,990 Family Quarters
- 10,743 Barracks Spaces
- 72 BEQ/SOQ Spaces
- 634 Transient Quarters Spaces
- Average Daily Training Load 4,690
- 2,982 Community School Students
- 6,467 On-Post Family Members (in AFH)
- Total Surrounding Population (40 mi. radius) = 44,004 (includes all services)
- Annual Salary for military, civilian and contractor personnel assigned **> \$1.1B**; Retiree pay (40 mile radius) **> \$150M**
- BASOPS Cost per person supported reduced from \$8,594 per person in FY96 to \$5,868 in FY03
- **No significant environmental / encroachment issues**
- 1 Threatened species (Bald Eagle); 2 Endangered species (bats) – only effects tree cutting

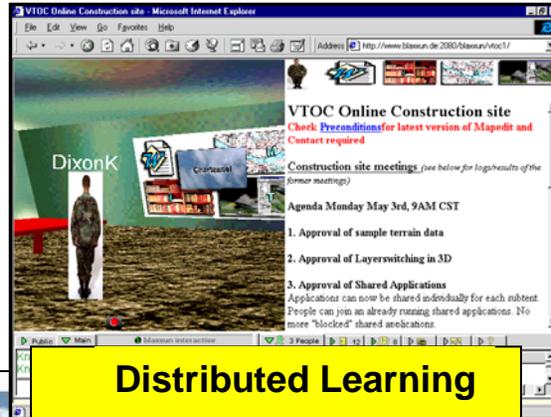


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Training Infrastructure and Support



Virtual Training-CCT



Distributed Learning



World-Class Tank Gunnery Ranges



Mounted Urban Combat Training Site



Automated Qualification Ranges



Mansfield Maintenance Facility



KY MATES



Godman Army Airfield



Mounted Warfare Simulations and Test Center

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A Joint National Training Center?

Who comes here to train?

- Army AC & RC Armor and Mechanized Infantry
- Marine Armor Advanced Training
- ROTC and USMA Cadets
- Special Operations Forces practice waterborne and Urban operations
- Navy SEALs
- US Army Rangers and US Air Force practice air field operations, search and rescue
- USMC Urban Operations training
- USMC Tank Gunnery Tiger Competition
- Inter-agency - FBI, Local, State & Federal Law Enforcement, Fire and Emergency Responders
- PA and 91 Series Medical Training Programs

Everyone! Fort Knox is a Joint-Capable Training Center!



Fort Knox - A Joint Installation of Excellence

1st Bde, 10th Mountain Division

1st Bn, 160th Special Operations Aviation Reg

Canadian Army

1st Bn, 25th Marine Division

101st ABN Division

19th Air Support Operation Squadron

2d Bn, 75th Ranger Regiment

24th Marine Division

4th Marine Division

7th Special Forces Group

Tm A, 1st Bn, 5th Special Forces Group

Tm A, 2d Bn, 5th Special Forces Group

Bureau of Alcohol, Tobacco, and Firearms

STRYKER Operational Test and Platform Demonstration

Joint Special Operations Command (SEALs and others)

Kentucky Air National Guard

**Taking Advantage of
Fort Knox's Joint
Capabilities...**

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A Leading Role in Transformation

The Soldier

The Bench

The Network

Joint & Expeditionary
Mindset

AC/RC Balance

Modularity

Force Stabilization

Combat Training
Center/BCTP

Leader Development

Army Aviation

Installation Flagships

Current-Future Force

Resource Processes

Strategic
Communication

Authority,
Responsibility &
Accountability

Actionable Intelligence

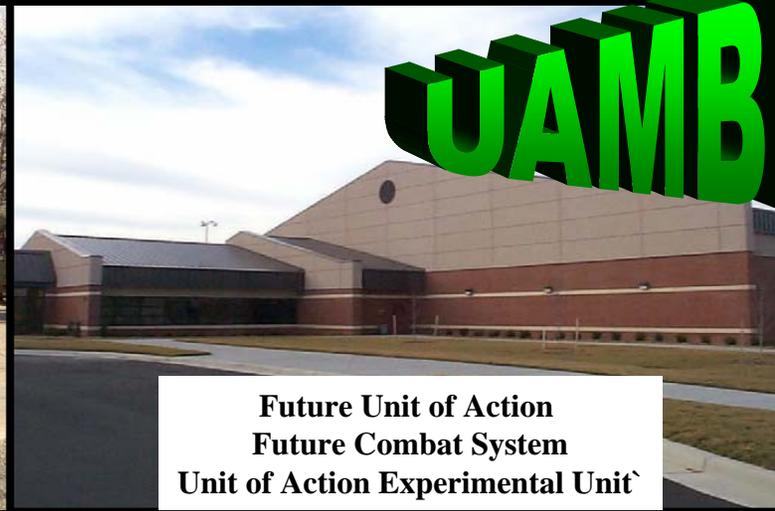
Logistics

IOT&E



Stryker Brigade Combat Team
Stryker IOT&E
MGS Limited User Test

UAMBL



Future Unit of Action
Future Combat System
Unit of Action Experimental Unit

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A Changing World - A Changing Installation

Increased deployments
Contingency operations
Regional conflicts
Urbanization trend
Asymmetric threat
Uncertain next battlefield
Conventional threats remain

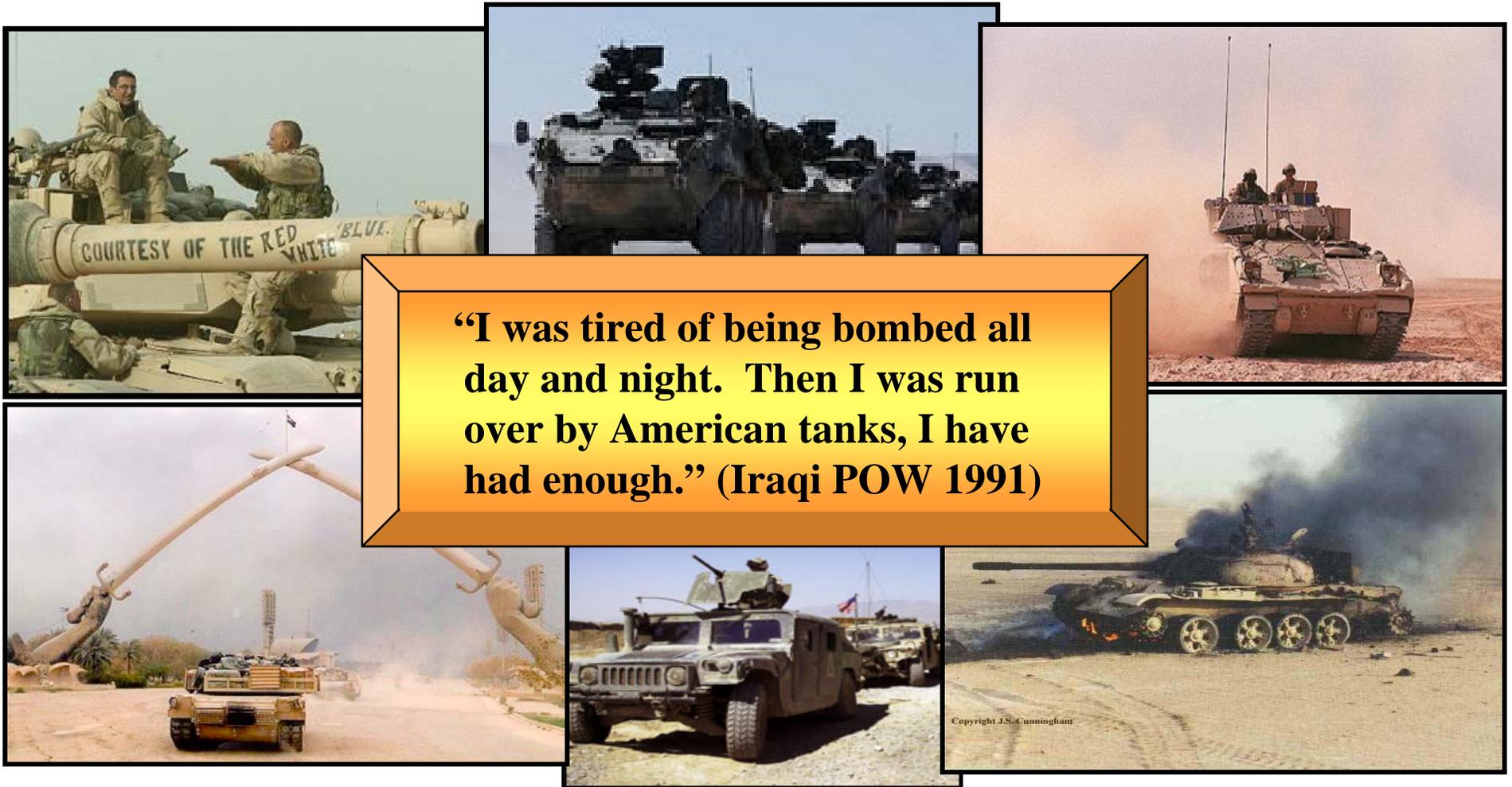


Adopting Joint and Expeditionary Mindset
Developing a COE Compliant Environment
Changing Training Methodologies
Digitizing Ranges and Training Areas
Live, Virtual and Constructive Training
Technology Partnerships
Future Force Development
Flagship Installation



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Relevance: Every Tanker & Scout that fought in Desert Storm, Enduring Freedom and Iraqi Freedom was Trained at Fort Knox!



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Training Revolution at Fort Knox



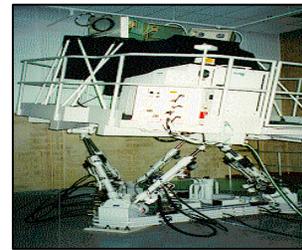
The Past



The Present



The Future



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Briefing Contents



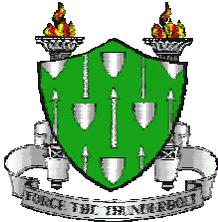
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The Fort Knox Team

U.S. Army Armor Center

The Armor School



TRADOC Systems Manager

Future Combat System

FBCB2

Abrams Tank



Partners in Excellence

U.S. Army Accessions Command



USAREC

- Recruiting Spt Bde
- 3^d Recruiting Bde

- MEDDAC
- DENTAC
- 4th Bde, 85th Div
- 7th Bde, 100th Div
- 278th ACR (TNARNG)
- Eastern Region ROTC HQ
- 3^d Bde, 2^d ROTC Region
- Marine Corps Detachment
- Bullion Depository
- AAFES & DECA
- USN SEAL Detachment
- DOD Schools
- US Army Research Institute
- TECO
- 280th Military Police (CID)
- 902^d MI Group
- Military Pay Office
- 703^d Ordnance Company
- 233rd Transportation Company

Fort Knox Garrison



Total ASIP Population 22,126

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Fort Knox Last Year

- Soldiers and units from 22 States trained
- 61 Units conducted Annual two week training
- 480 Units conducted weekend training
- 227 soldiers from 41 nations
- 58,859 Reservists and National Guard Soldiers trained here as did over 13,000 Soldiers of Active Units
- Conducted Power Projection Operations
- Trained all services, special operation forces, State and Local Authorities

Supported
Mob/Demob of over
30,000 Reservists and
National Guard
Soldiers



3,758 Sergeants



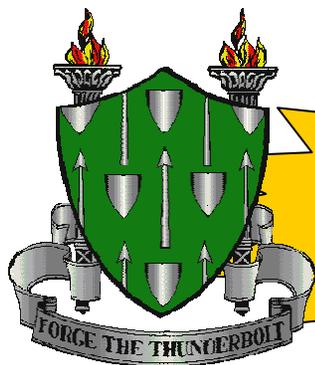
2,025 Officers



1649 Cadets
4489 Tank/Cavalry Crewmen
7575 Basic Trainees
666 Advanced Trainees (AIT)
300 Marines
Total: **14,679**



**Over 92,000 Soldiers,
Sailors, Airmen, and
Marines trained at Fort
Knox**



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Training with Allies

Students from:

- | | | | |
|--------------|------------|-----------|----------------|
| Argentina | Bangladesh | Canada | Czech Republic |
| Egypt | Greece | Hungary | Israel |
| Italy | Jordan | Korea | Malaysia |
| Philippines | Poland | Portugal | Romania |
| Saudi Arabia | Senegal | Singapore | Switzerland |
| Taiwan | Thailand | Tunisia | Turkey |
| Uruguay | | | |

Instructors and Staff from:

- | | |
|-----------|----------------|
| Australia | France |
| Canada | United Kingdom |
| France | Germany |

Canadian SFOR Rotation:

Trained here with 1,800 soldiers
Feb – Mar 03

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Fort Knox Objectives



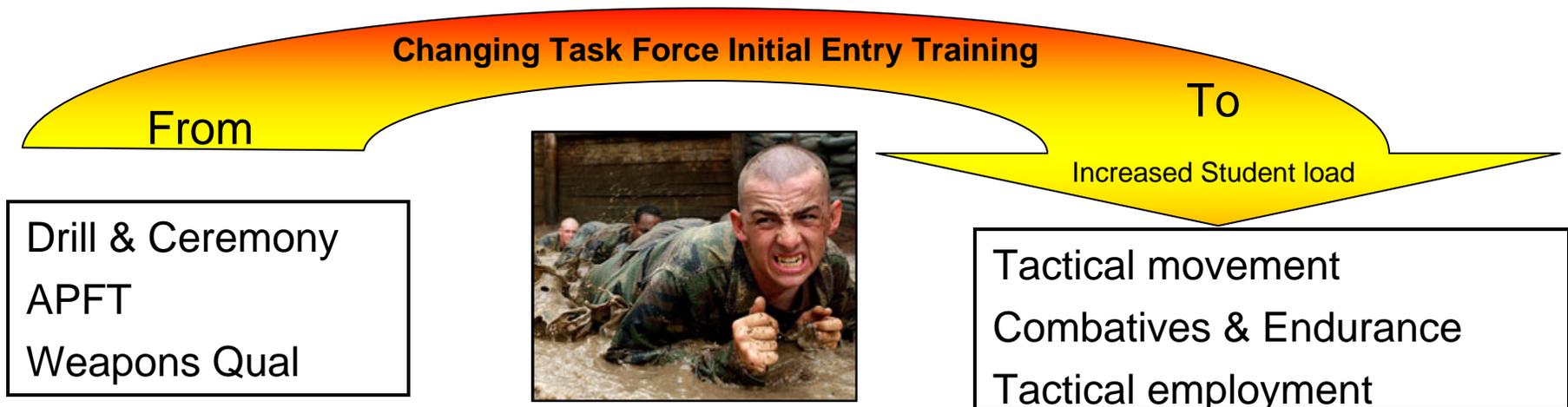
- Train Armor and Cavalry Soldiers and leaders
- Develop doctrine for the current force to include Stryker Brigade Combat Teams, and develop doctrine for the new, modular Army
- Conduct combat developments
- Support mobilization, readiness, power support platform operations
- Be the TRADOC lead for developing the Future Unit of Action / Future Combat System
- Conduct experiments that shape science and technology
- Serve as a Joint Installation of Excellence
- Provide installation services and force protection to the greater Fort Knox community

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The U.S. Army Armor School

- **1st Armored Training Brigade** conducts initial entry training providing the Army with technically and tactically competent soldiers, infused with the Warrior Ethos ready to take their place in an Army at War.
 - Basic Combat Training (x2 Bn)
 - 19K and 19D One Station Unit Training (x3 Bn)
 - 63 A/M Mechanic OSUT (1 Bn)
 - Reception Battalion
 - USMC Armor Training



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The U.S. Army Armor School

- **The 16th Cavalry Regiment** develops adaptive, self-confident leaders who motivate teams to solve complex problems, while operating in a full spectrum, contemporary environment in an Army transforming to the Future Force

- Officer Basic Course
- Captain's Career Course
- M1A1/A2 Master Gunner
- NETT
- Scout Leaders Course
- Cavalry Leaders Course
- Pre-Command Course
- Warthog OC Team



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The U.S. Army Armor School

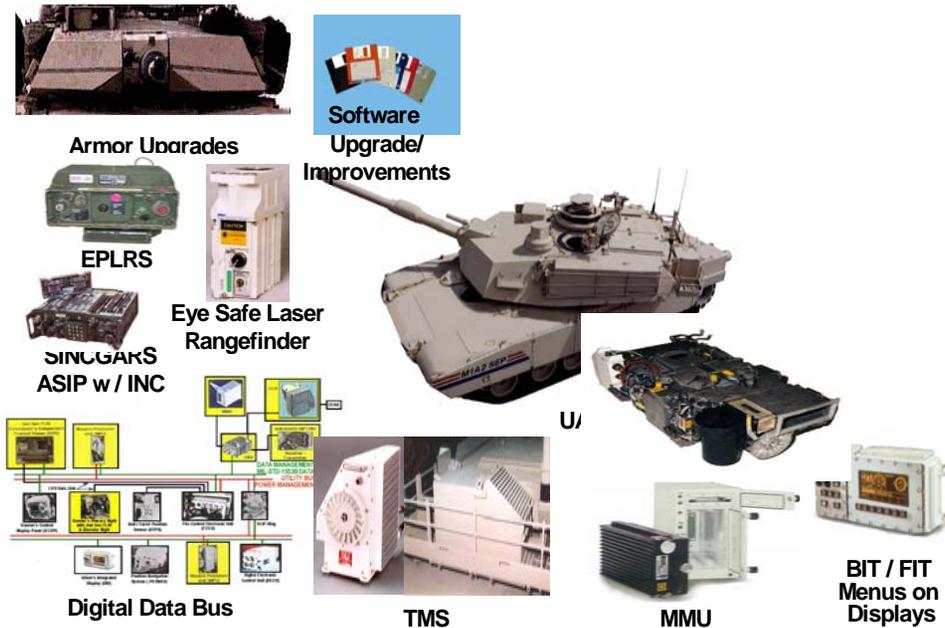
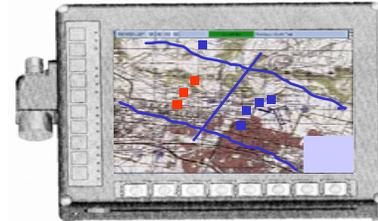
- **The Noncommissioned Officers Academy** conducts tough and demanding Primary, Basic and Advanced level courses to improve the leadership ability, tactical and technical proficiency, and warfighting skills of the NCO Corps.
 - PLDC
 - 63A/M BNCOC
 - 19K BNCOC / ANCOC
 - 19D BNCOC / ANCOC



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TRADOC Systems Managers

- **TSM Tank** conducts total systems management for the Abrams tank across the DOTLMPF for the Current Force



- **TSM FBCB2** conducts total systems management for the Force XXI Battle Command, Brigade and Below (FBCB2) and Blue Force Tracker (BFT) for the Current Force

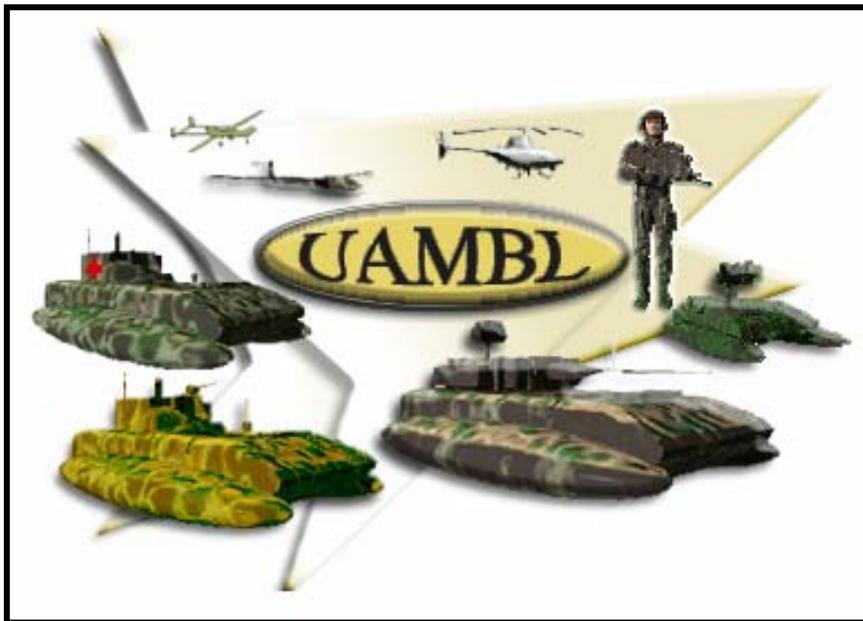


- **TSM Future Combat System** responsible to manage the development of the FCS and ensure its development is consistent across the Family of Systems

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U.S. Army Futures Center - TRADOC

- **Unit of Action Maneuver Battle Lab** is the specified proponent for the Future Combat System (FCS) equipped Unit of Action (UA). UAMBL is the focal point for the integration of all DOTLMPF UA and FCS requirements within TRADOC to include spiraling technology into the Current Force



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Garrison Mission



The U.S. Army Garrison, Fort Knox provides efficient and effective installation services, quality infrastructure, and force protection to the Greater Fort Knox Community to enhance well being and protect the environment.

- Command, control, and operate garrison to support & enable missions & readiness of stationed units and care for people**
- Conduct daily operations to provide installation support to mission commanders**
- Maintain & improve installation services, infrastructure, and environment**
- Plan for, and on order, conduct contingency operations**
- Maintain garrison operational and situational awareness**
- Maintain liaison with mission commanders and leaders**

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Major Service Contracts

**USAG Fort Knox manages over \$64 Mil
in base support contracts annually.**

DPW & DOL services	\$30,000,000	(18 mil direct)
Food services	\$11,416,793	
Housing maintenance	\$4,406,518	
Adjutant General services	\$4,227,961	
Training support services	\$3,225,362	
Custodial misc buildings	\$1,200,000	
Refuse collection	\$1,180,104	
Custodial IACH	\$1,098,852	
Mowing / grounds maintenance	\$1,056,000	
Aircraft maintenance	\$1,000,000	
Administrative telephone services	\$979,735	
School bus services	\$761,111	
Laundry services	\$575,278	
Mail & distribution services	\$259,731	

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Area Support Responsibilities



- Regional Confinement Facility (1 of 3 in CONUS)
- Personnel Control Facility (1 of 2 in the Army; AWOL processing)
- U.S. Army Deserter Information Point (only one in the Army)
- AR 5-9 support to KY, IN, IL, WV, OH, MI, WI, MN
 - Transportation support / unit moves – Eastern Kentucky, Ohio, Portions of Illinois and Indiana
 - Serious Incident Reporting – Indiana
 - Ammunition Surveillance – Indiana, Michigan, and Ohio
 - Training Support Center (devices, fabrication) – Eastern KY, Indiana and Ohio
 - Civilian Personnel and Equal Employment Opportunity – MEPS; Eastern Universities
- Casualty assistance and Funeral details
- Mobilization support to Fort McCoy and Camp Atterbury

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U.S. Army Accessions Command



USAAC Responsibilities

- Access the required officer and enlisted personnel for the Army and Army Reserve
- Provide command and control for USAREC, USACC, USATC - Ft. Jackson
- Train Recruiters, Drill Sergeants, and other IMT cadre
- Executive agent for the US Military Entrance Processing Command
- Serve as the Functional Proponent for Initial Military Training



SPECIFIED

- Basic Officer Leader Course (BOLC) I, II
- Officer Candidate School (OCS)
- Warrant Officer Candidate School (WOCS)
- Recruiting and Retention School (RRS)
- Drill Sergeant School (DSS)
- Reception Battalion Ops in Support of IMT.

OVERSIGHT

- BOLC III
- Basic Combat Training/Advanced Individual Training (BCT/AIT)
- One Station Unit Training (OSUT)



- All or part of CMD / Course at Ft. Knox

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U.S. Army Recruiting Command



USAREC will Recruit -

77,000 Regular Army (RA)

21,200 Army Reserve (USAR)

Regular Army	FY01	FY02	FY03
Mission	75,800	79,500	73,800
Accomplishment	75,855	79,585	74,132
Army Reserve	FY01	FY02	FY03
Mission	34,910	28,825	26,400
Accomplishment	35,522	31,319	27,365

- Army mission is greater than all other services combined.

- Army recruiting is complex and precise. We must locate qualified applicants and present them the full array of Army opportunities:

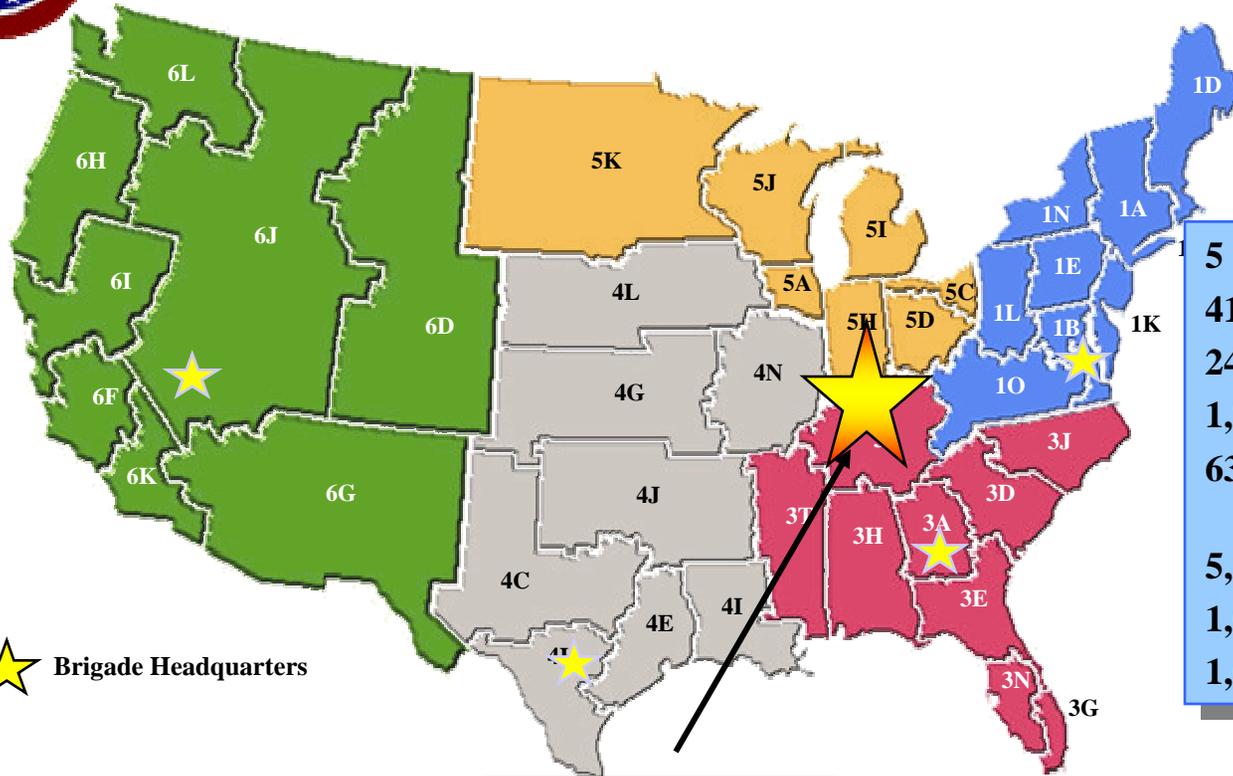
- Over 200 enlisted specialties
- 40 warrant officer specialties
- ROTC and OCS missions
- 48 medical officer specialties
- 6 chaplain specialties
- Army Civilian Acquired Skills Program



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U.S. Army Recruiting Command



★ Brigade Headquarters

5 Brigades (1 at Ft. Knox)
41 Battalions
245 Companies
1,713 Recruiting Stations
63 Health Care Recruiting Teams
5,343 OPRA Recruiters
1,040 OPAGR Recruiters
1,055 Civilians

6th Bde (8)

- 6D Denver
- 6F Los Angeles
- 6G Phoenix
- 6H Portland
- 6I Sacramento
- 6J Salt Lake City
- 6K Southern Cal
- 6L Seattle

5th Bde (8)

- 4C Dallas
- 4E Houston
- 4G Kansas City
- 4I New Orleans
- 4J Oklahoma City
- 4K San Antonio
- 4L Des Moines
- 4N St. Louis

3rd Bde (7) Fort Knox

- 5A Chicago
- 5C Cleveland
- 5D Columbus
- 5H Indianapolis
- 5I Great Lakes
- 5J Milwaukee
- 5K Minneapolis

2d Bde (9)

- 3A Atlanta
- 3D Columbia
- 3E Jacksonville
- 3G Miami
- 3H Montgomery
- 3I Nashville
- 3J Raleigh
- 3N Tampa
- 3T Jackson

1st Bde (9)

- 1A Albany
- 1B Baltimore
- 1D New England
- 1E Harrisburg
- 1G New York City
- 1K Mid-Atlantic
- 1L Pittsburgh
- 1N Syracuse
- 1O Beckley

Overseas

- Alaska
- Hawaii
- Puerto Rico
- Germany
- Japan
- Amer Samoa
- S. Korea
- Guam

As of RSM Sep 03



3rd Recruiting Brigade

Geographically positioned to support recruiting, the 3rd Recruiting Brigade located at Fort Knox, KY.

3rd Brigade's Span of Control:

- 7 Battalions
- 1 Army Medical Detachment
- 39 Companies
- 276 Stations
- 2 Contract Companies
- 12 Contract Stations
- 128 Limited Production Station Commanders
- 158 On Production Station Commanders
- 814 On Production Regular Army Recruiters
- 169 On Production Reserve Recruiters



3rd Brigade Area of Operations:

1,141,899 square kilometers

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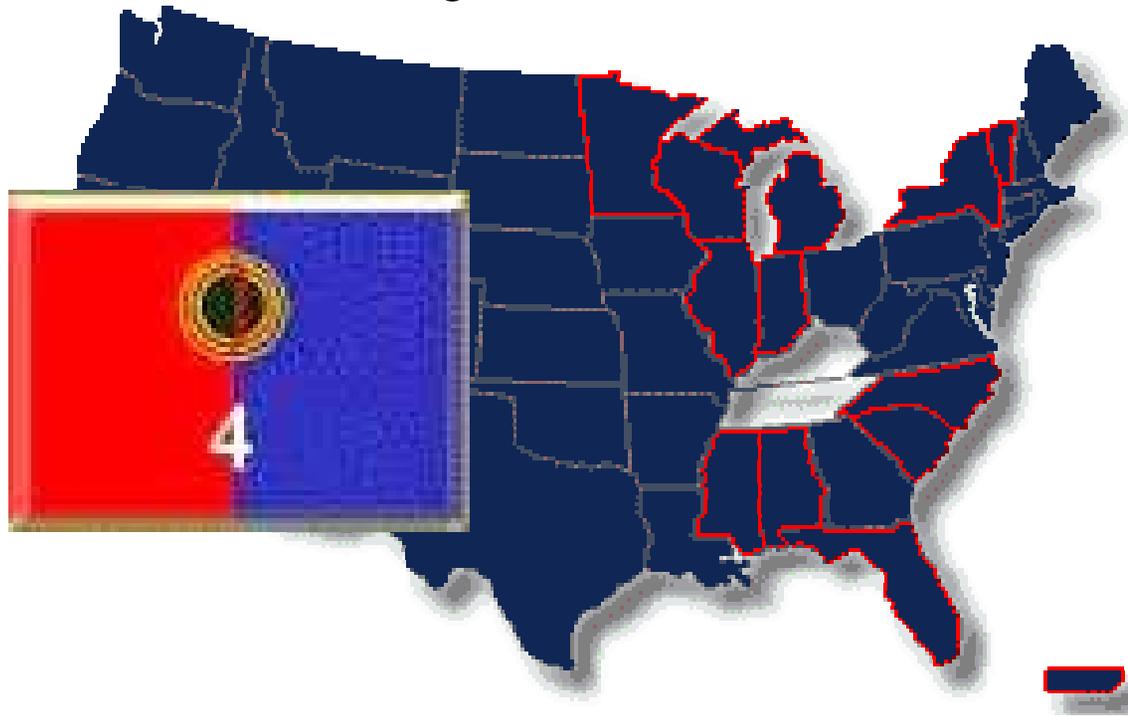
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4th Brigade, 85th Division

4th Brigade, 85th Division provides training assistance, support and evaluation to Reserve Component units to meet directed mobilization and / or wartime requirements. 4th Brigade, 85th Division trained 4613 soldiers since mobilization began December 02

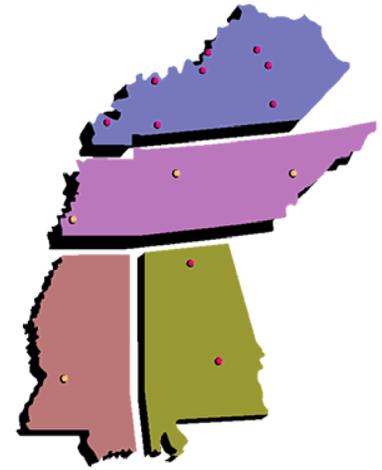


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100th Division (IT)

- 7th Bde, 100th Div stationed at Ft. Knox; supporting 1ATB with drill sergeants for Initial Entry Training.
- The Reception Battalion is responsible for receiving and processing soldiers in the Army.
- The Committee and Logistics Battalion is responsible for initial entry training, committee training, and logistics support for both wheeled and tracked vehicles.
- Home of the Drill Sergeant School, the first fully accredited Drill Sergeant School in the United States Army Reserves (established 1994).



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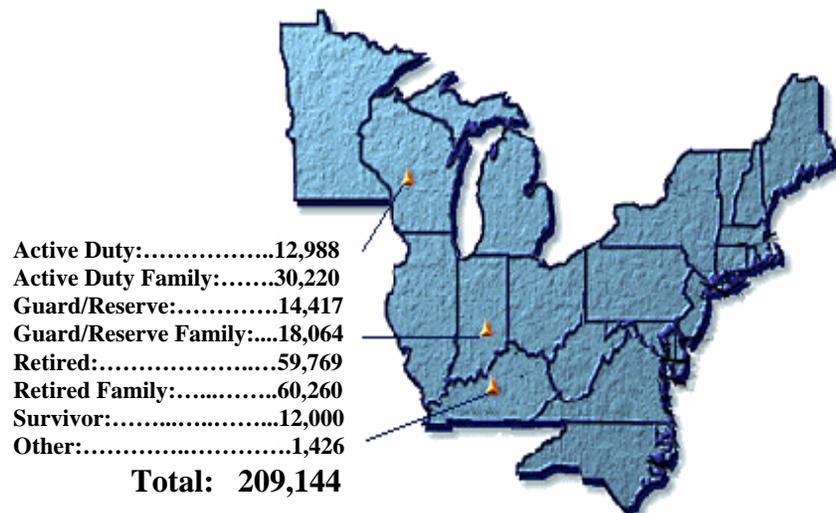
USA MEDDAC, Fort Knox

Ireland Army Community Hospital

“Because We Care!”

Consistently identified as one of the most important aspects of Quality of Life, Ireland Army Community Hospital is one of the most highly rated hospitals for Patient Satisfaction. But we do much more...

MEDDAC Ft Knox 7-State Service Area Population Demographics



Data Source: Managed Care Forecasting and Analysis System, dated October 2002

Some of the Fort Knox MEDDAC Missions

- Hospital Built in 1956 with 300 beds**
- 2nd Largest Blood Bank (additional 0- mission)**
- 3rd Largest Optical Lab – Joint Mission**
- Class VIII Resupply to 7 States**
- Medical Equipment Maintenance to 7 States**
- Industrial Hygiene and Occ Health to 7 States**
- Medical Mission for Knox, McCoy, Atterbury**
- Site of VA/DoD Sharing with 37 Agreements**
- Site of VA Community-Based Outpt Clinic**

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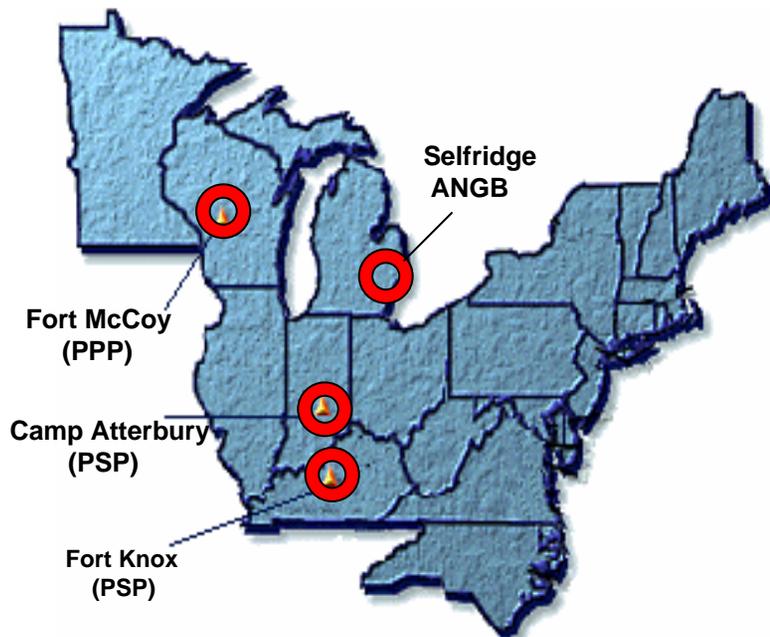


DENTAC



MISSION: To ensure dental readiness, promote dental health, and provide dental care for America's Army.

VISION: We will be the Army's dental care system of choice, focused on readiness, health promotion, and exceeding our customers' expectations.



- Ft. Knox has 3 clinics, 1 SRP site, total of 51 chairs
- Ft. McCoy has 1 clinic, 1 SRP site, 1 Annex bldg, total of 11 chairs
- Camp Atterbury has 1 clinic, 1 SRP site, total of 5 chairs
- Selfridge ANGB has 1 clinic, 5 chairs
- FY03 personnel: 15 Officers; 53 Enlisted; 49 Civilians
- General Dentistry plus specialties: Prosthodontics, Endodontics, Periodontics, and Oral Surgery
- FY03- seated 79,921 patients and completed \$15,835,174 worth of dental treatment
- FY03 DENTAC supported mobilization for Operations Noble Eagle, Enduring Freedom, and Iraqi Freedom

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AAFES and DECA



AAFES

Commissary

SALES:

FY01 - \$ 72,659,000
FY02 - \$ 67,009,000
FY03 - \$ 74,465,000

SALES:

FY01 - 35,346,833.32
FY02 - 35,845,049.48
FY03 - 35,361,899.69

FY03 – \$1.5M in local MWR Dividends

- Annual salaries – \$6.8 Million
- Local purchases – \$2.6 Million
- 8 Retail Stores, 12 Food Facilities, 47 concessions, 1 manufacturing plant
- Manufacturing produces ALL military nametags, world-wide, for ALL Services.

- Annual salaries (civil service) - \$3.6 million
- Annual salaries (contract) - \$900K
- Additional local economic impact from the baggers, product demonstrators, delivery personnel, and vendor stocker salaries is unknown.

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Fort Knox Community Schools



“Doing what’s right for kids” of military families since 1932.

Eight Schools:

- One High School
- One Middle School
- Two Intermediate Schools
- Four Elementary Schools
- Enrollment: 2,873
- Graduation rate: 96%
- College-bound: 72%
- Standardized test results (CTBS scores) in grades 2-11: 100% were above the national average.
- **The school system enjoys cooperative relationships with the state in areas of staff professional development, teaching and administrative certifications, and state price contracts.**

Our schools are crucial to Quality of Life at Ft. Knox!

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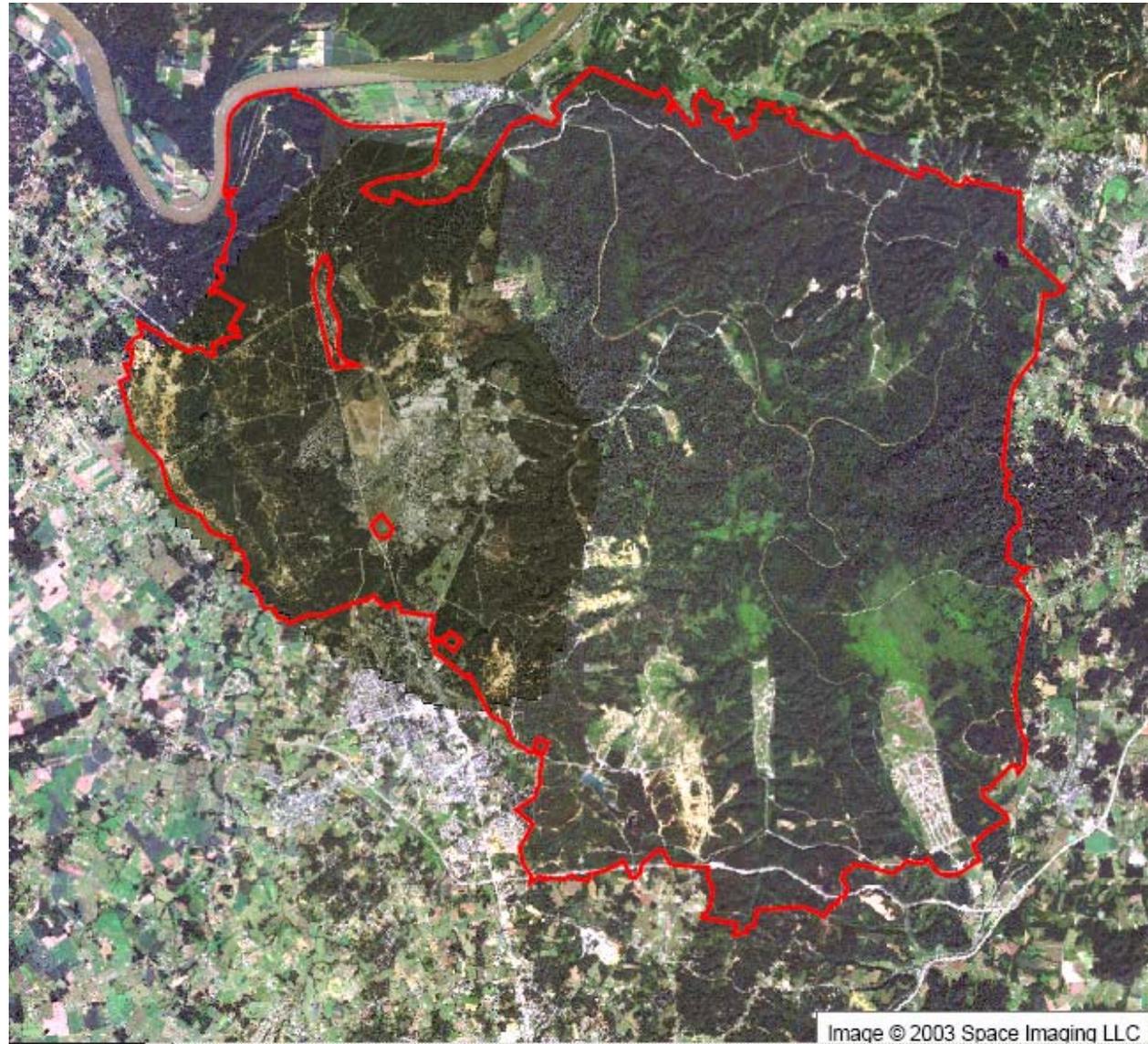


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Fort Knox Land Use

***Rural Areas
surround the
Installation***



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Fort Knox Land Use

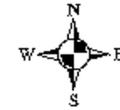
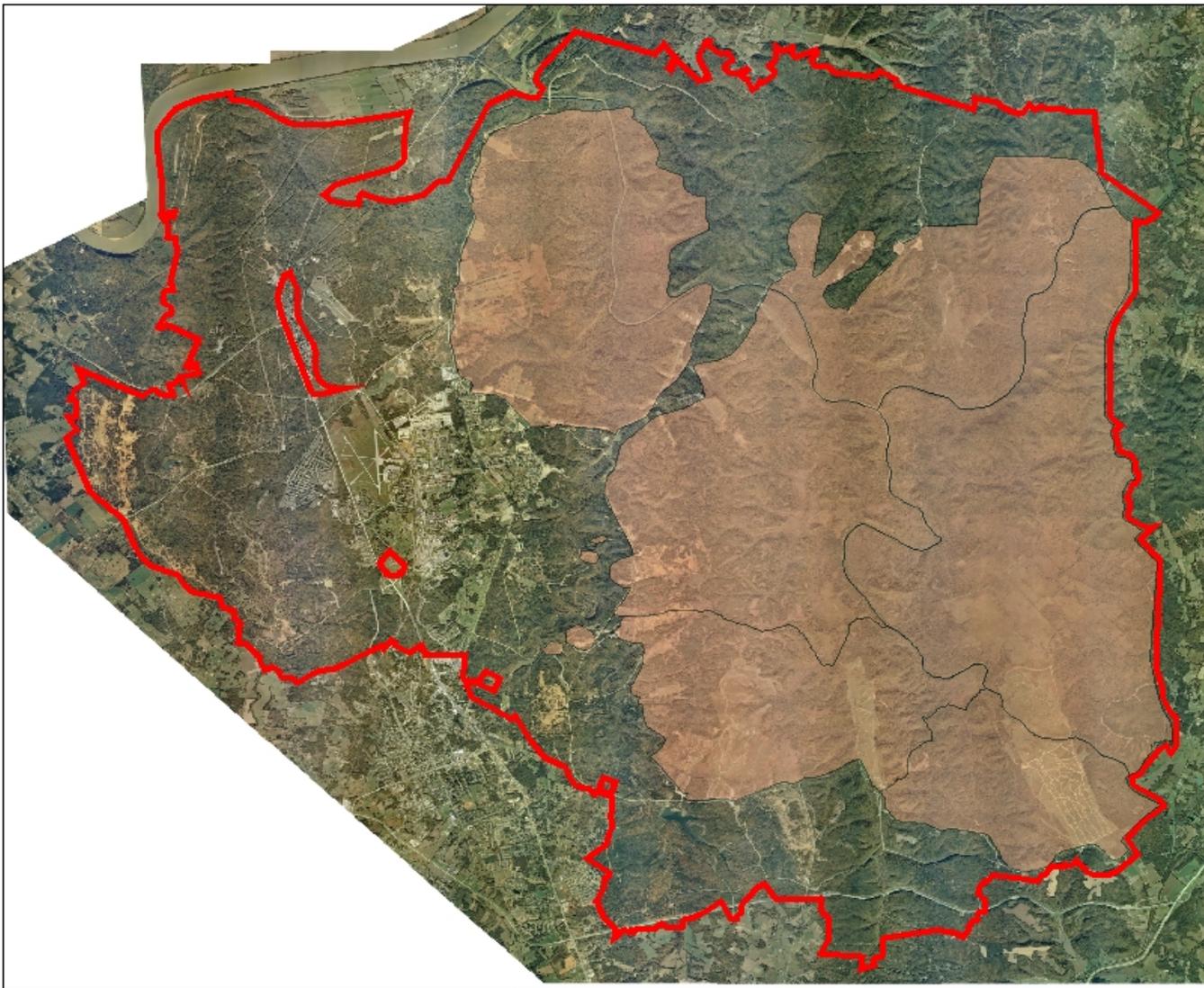


Legend

 Cantonment Area

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Fort Knox Impact Areas



54,190 approximate acres of Range Area with approximately 40,000 acres duded impact area

Estimated Cost to Clear Duded Area: 40K Acres @ 25K per Acre / 2 ft Depth = \$2 Billion

Cost Does Not Include Environmental Impacts: Threatened & Endangered Species; Tree Removal & Resulting Erosion into Rivers, Streams and wetlands; Revegetation Costs; Public Response, Etc.

Legend

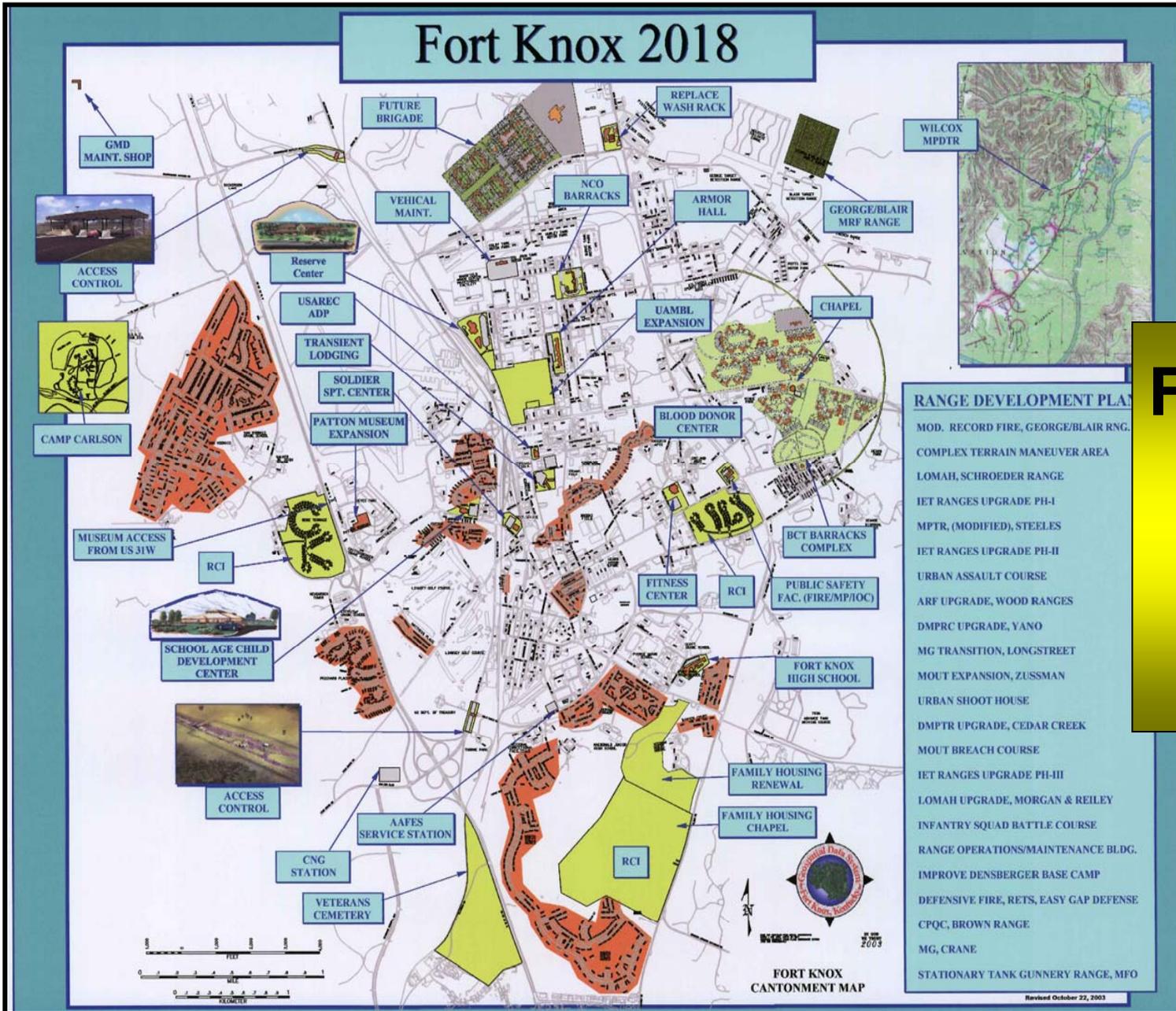
-  military_range_area
-  installation_area

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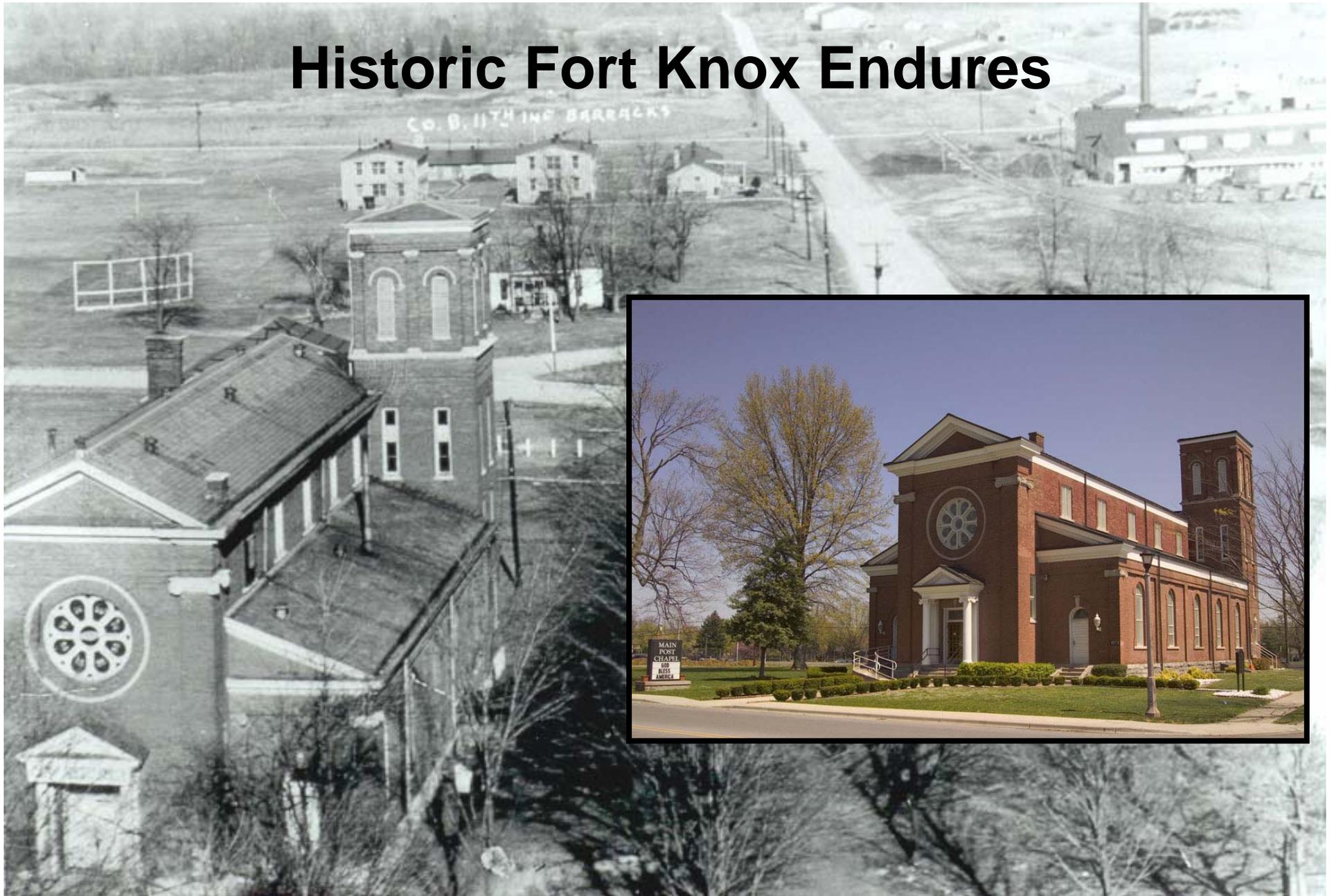
Fort Knox 2018



Fort Knox Master Plan

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Historic Fort Knox Endures



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Using the Past to Forge the Future

1933 - 1935



2004 - ??



Quality facilities - maintained, renovated, still used today, AND BETTER THAN EVER!



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Improving Well Being – Must be a Balance

We invest in quality infrastructure for our Soldiers and families...



Family Housing



Single Soldier Billets



16th CAV Regt
HQs



Anderson Indoor Pool



Kouma Dining Facility



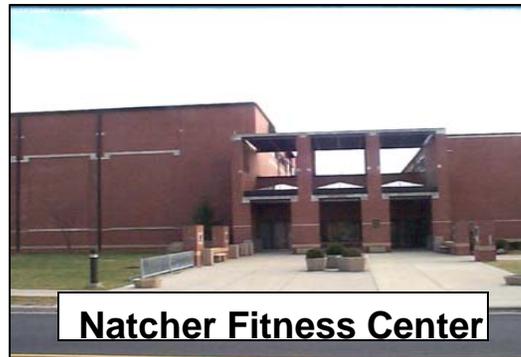
Kilianski Sports Complex



Water Park



Wickham Guest House



Natcher Fitness Center



Lindsey Golf Course

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Main Gate Access Control Point / FP Project

- Under construction FY03 \$3.1M
- Constructs new main gate at Bullion Blvd; Maximizes use of Bullion interchange; Creates east-west Corridor at Chaffee Ave; Enhances Security in Housing Area
- Scheduled to complete: Oct 04
- Separate Cantonment perimeter security improvement project awarded to same contractor \$2.8M



Trainee BN DFAC



- FY 04 MILCON Bill - \$10M
- First piece of the BCT Barracks Design-Build project
- Award – Aug/Sep 04 with 1-year construction period

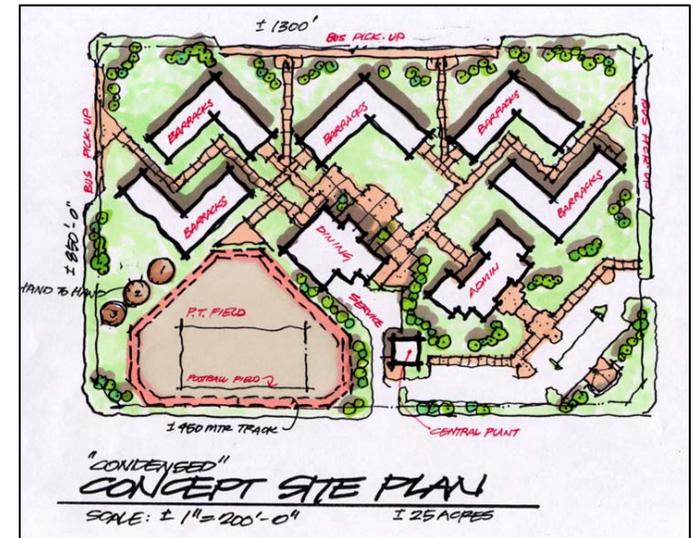
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BCT Barracks Complex

- Replace Existing IET Barracks with New Standard Design “Star Base”
Includes:

- Open Bay Barracks
- Battalion HQ with Classrooms
- Arms Rooms
- Battalion DFAC (separate FY 04 project)
- Running Track
- Covered Training Area
- Force Protection Measures

Award – Feb 05 Planned, \$76M



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Balcombe Barracks Complex

- FY2000 - 5 connected three story barracks buildings; \$32M
- 2-story community center
- Central courtyard with recreational areas



Kilianski Sports Complex



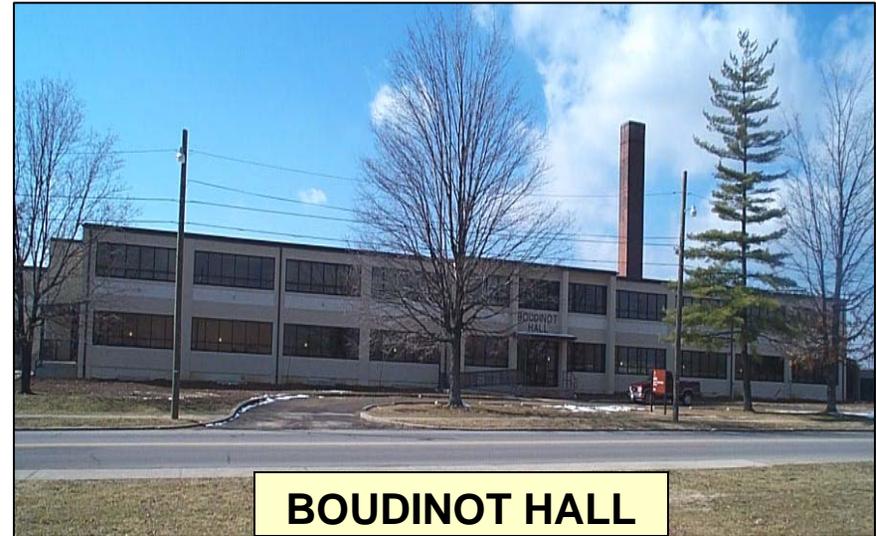
- \$5 Million NAF Design / Build Project
- Fully Lighted complex with 6 softball fields, 2 soccer / football fields
- Electronic scoreboards, PA System and automated irrigation

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Modern Classroom / Training Facilities

Boudinot Hall

- Complete interior and exterior renovation (replacement of windows, doors, flooring, HVAC equipment, electrical update, communication data cabling); 50-year-old general classroom facility originally constructed in 1953; Completed in Nov 02; OMA:\$7M



Skidgell Hall Renovation

- Complete renovation of 203,380 sq ft training facility to 21st Century standards; Phase I completed Sep 99, \$3.7M and Phase II completed Feb 02, \$5.3M

Kelley Renovation

- Complete renovation of under utilized bowling facility to 21st Century standards to accept the Engagement Skills Trainer 2000 – Infantry Weapons Simulator; \$345K

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Transient Lodging Facility

- To be funded by Army Lodging Fund
- 500-Unit Complex Suites/Extended Stay Rooms
- Built in phases (FY05 196 rooms)
- 1st phase replaces unsafe facility; closer to classrooms used by soldiers
- Location provides greater FP



Whole Neighborhood Renewal, Phase II

Phase I: Construction of 140 units completed fall 1999

Phase II:

- On Main Post – Previously a Golf Course
- Constructs 170, 3/4-bdrm senior enlisted housing
- \$41M; FY 04 Budget authorized and appropriated
- Awarded 16 APR 04



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Transforming Ranges for the Contemporary Operating Environment

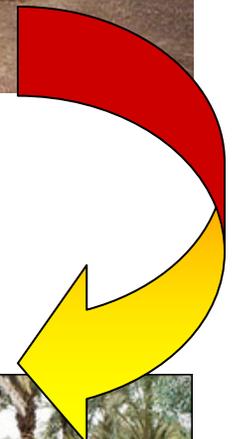
In the Past, we trained Soldiers on the technical employment of their weapons and sent them to their unit to learn realistic, tactical employment.

- Green, two-dimensional silhouettes engaged from stationary positions, on bowling alley terrain, with no requirement for friend or foe target identification.



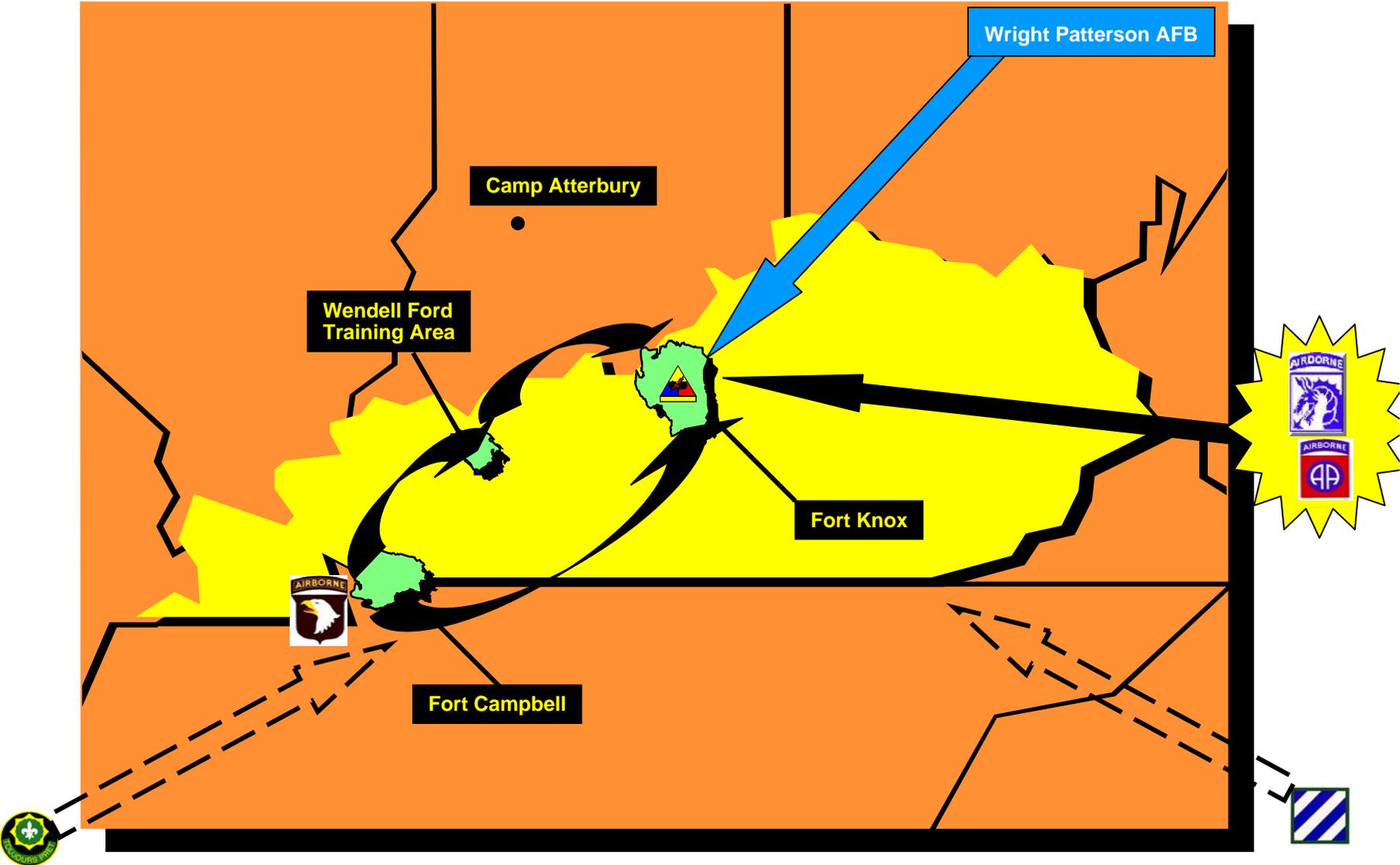
Today we train Soldiers to fight in the contemporary operating environment and send them to their units prepared to deploy into combat within 30 days of arrival.

- Realistic Live–Virtual–Constructive training forces Soldiers to exercise initiative, adapt to changing situations, and develop / practice the warrior ethos.



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Live / Virtual / Constructive Operations

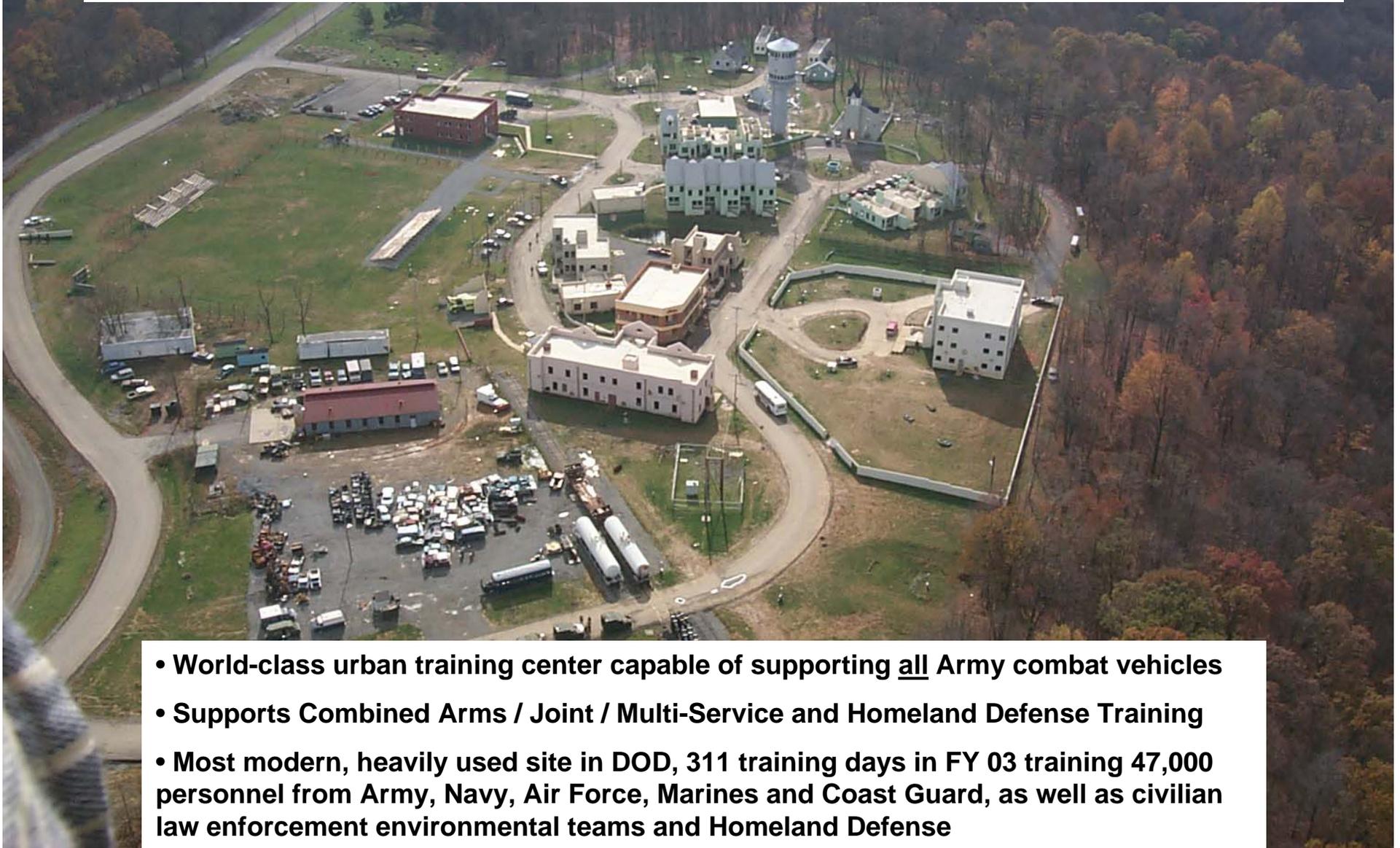


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Zussman Mounted Urban Training Center



- **World-class urban training center capable of supporting all Army combat vehicles**
- **Supports Combined Arms / Joint / Multi-Service and Homeland Defense Training**
- **Most modern, heavily used site in DOD, 311 training days in FY 03 training 47,000 personnel from Army, Navy, Air Force, Marines and Coast Guard, as well as civilian law enforcement environmental teams and Homeland Defense**

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Range Improvement Projects



- George/Blair Range project, FY04 MILCON, \$3.5M; Project constructs and upgrades 2 existing rifle field fire ranges to 1 standard design modified record fire

Proposed FY04 UMMCA project installs lightning protection to range and training area facilities.

- Range Modernization Program began in 1985; modernized 13 facilities, \$105M. The Ft Knox range inventory is one of the most robust in CONUS; “serves as the model for TRADOC and FORSCOM.” - Army G3

- Unique facilities in the Fort Knox training complex support missions that cannot be met at other CONUS stations including dynamic entry R&D and training (both above and below ground), riverine range live fire from fast attack boats (SEAL / SPECOPS), and combined arms MOUT.

- Yano Multi-Purpose Range Complex – Heavy, was widened, lengthened and instrumented at cost of \$24.5M

- Heins Qualification Training Range upgrade; completed in FY99; combined 3 ranges into one; widened, lengthened and fully instrumented to accommodate 9 different weapon systems; \$9M.

YANO RANGE



HEINS / PELLIS QTR RANGE



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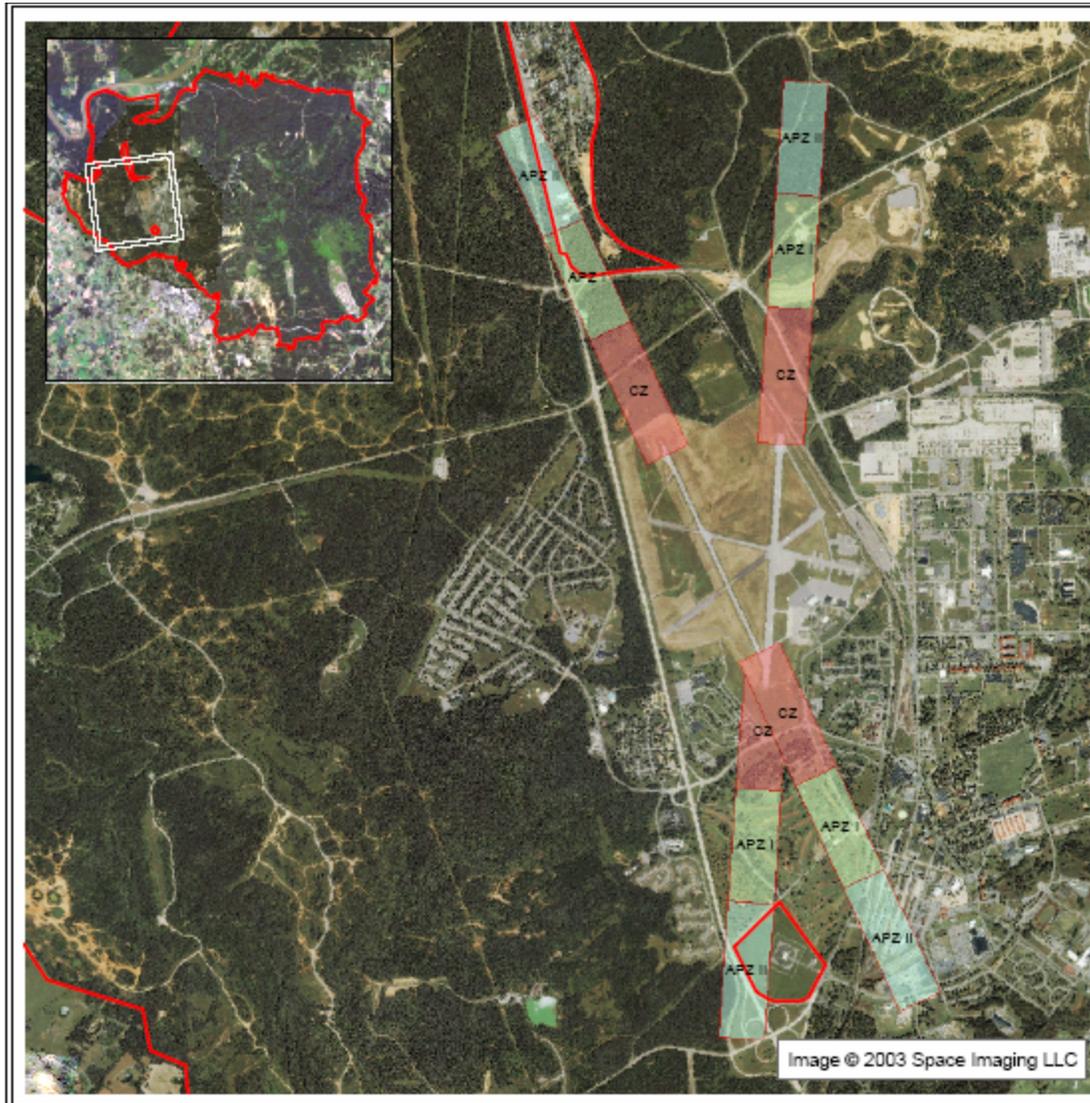
Godman Army Airfield – Expansion Capable



Hashed areas indicate possible expansion zones

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Godman Army Airfield – Expansion Capable



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State Veterans Administration Cemetery Site

- Public Law 108-136, Nov 24, 2003, approved Secretary of the Army to convey, without consideration, 93 acres of land to the Department of Veterans Affairs of the Commonwealth of Kentucky
- Purpose: to establish and operate a cemetery for Veterans
- Site test, completed in FY03, indicated site would meet requirements
- Record of Environmental Consideration (required by National Environmental Policy Act) was completed by the Garrison in Oct 2003.

CURRENT STATUS:

- Timber removal and sale coordinated with all parties concerned
- Report of availability (ROA) submitted to IMA.



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U.S. Army Garrison and Law Enforcement Command (Other Army Missions)



Army Corrections

- Operate 1 of 3 CONUS-based Regional Corrections Facilities
-- Generates \$2M cost avoidance

AWOL & Deserter Personnel Processing and Management



SPC/PCF and USADIP



Drug and Bomb Canines

US Secret Service Missions
- Presidential and Vice Presidential K9 Support



Homeland Defense / MACA

Joint training with local, and federal Law Enforcement agencies to include TSA, FBI, CID

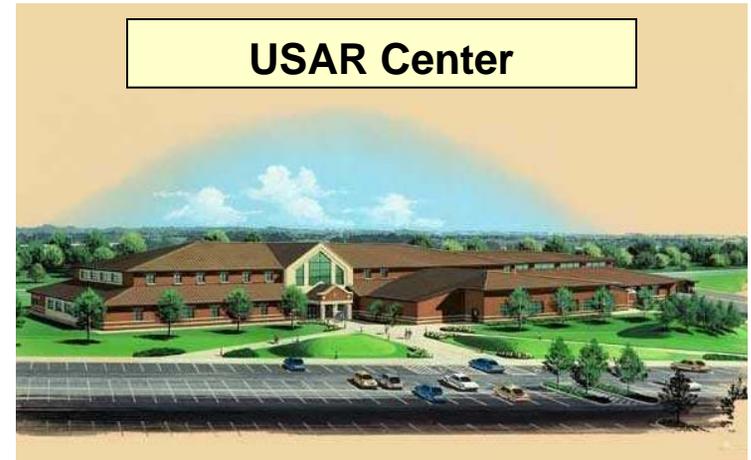
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Reserve Component Support



- USARC 100th Division – 1058 military; 8 civilian
- Construction contract awarded in June 02. Project constructs a 1000 man (89,000 SF) US Army Reserve Training Facility including classrooms, assembly hall, dining facility, storage areas, offices, and an arms vault. Project is currently under construction with a projected completion in Summer 2004. (\$12.8 M)



- Combined Kentucky and Tennessee equipment maintenance, training and storage site
- Total population authorized for the MATES is 588 Military and 243 Civilians.

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Homeland Defense Support



- **Federal Emergency Management Agency**
- **MEDDAC / Fire and Emergency Response (911) / Law Enforcement-County Ambulance support agreements**
- **Red Cross disaster support**
- **Boone Center (Kentucky Emergency Operations Center)**
- **Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) team and security augmentation support to local events (Kentucky Derby, Thunder Over Louisville, POTUS visit)**
- **Coordinated FP / AT exercises with State, Federal and Local agencies**

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Joint Research Programs Fort Knox and Kentucky Universities



- Strategic Research Plan with 4 major technology areas.
 - Battle command, advanced networking and information management technologies.
 - Robotic platforms and technologies.
 - Simulation and Modeling for Acquisition, Requirements and Training (SMART).
 - Advanced Modeling & Simulation applicable to cooperative usage by military, industry, and academia.
 - Over \$8M in RDT&E in FY03 & FY04; partnering with UofL, WKU and ECU.



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National Maintenance Program



- 38 Total lines / items assigned (components for repair)
- 63 Man-years of workload to handle 38 line items
- Most significant impact to the Army: M88 Engine Repair (Depot-level) -- 39 total man-years
- Greater than \$6M per year in Ft. Knox's NMP

Privatization

- Utilities - Electrical Privatized 1 June 2001
- Wastewater SSEB 1 OCT 2004
- Water Negotiating 1 May 2005
- Gas Negotiating 1 May 2005
- Housing Privatization -- Completing Due Diligence; RFQ 1 to be issued 10 July 2004; Turn-over date April 2006

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United States Bullion Depository

Bullion Depository used in WWII to store national documents of US and UK; also gold reserves from nations conquered by Germany



“A decision to close Ft. Knox would have grave, long-term effects for the USBD.”

**Dr. William Daddio
Director, U.S. Mint Security**

- 1933 - US goes off gold standard, Citizens turn in gold for paper, and a gold storage facility is required.
- Ft. Knox selected for central location
- Bullion Depository opens 1937
- Fort Knox provides armed response, Force Protection, Quick Response Force, Tactical Control Force and EOD
- Godman Army Airfield provides air support
- Fort Knox provides a critical land buffer

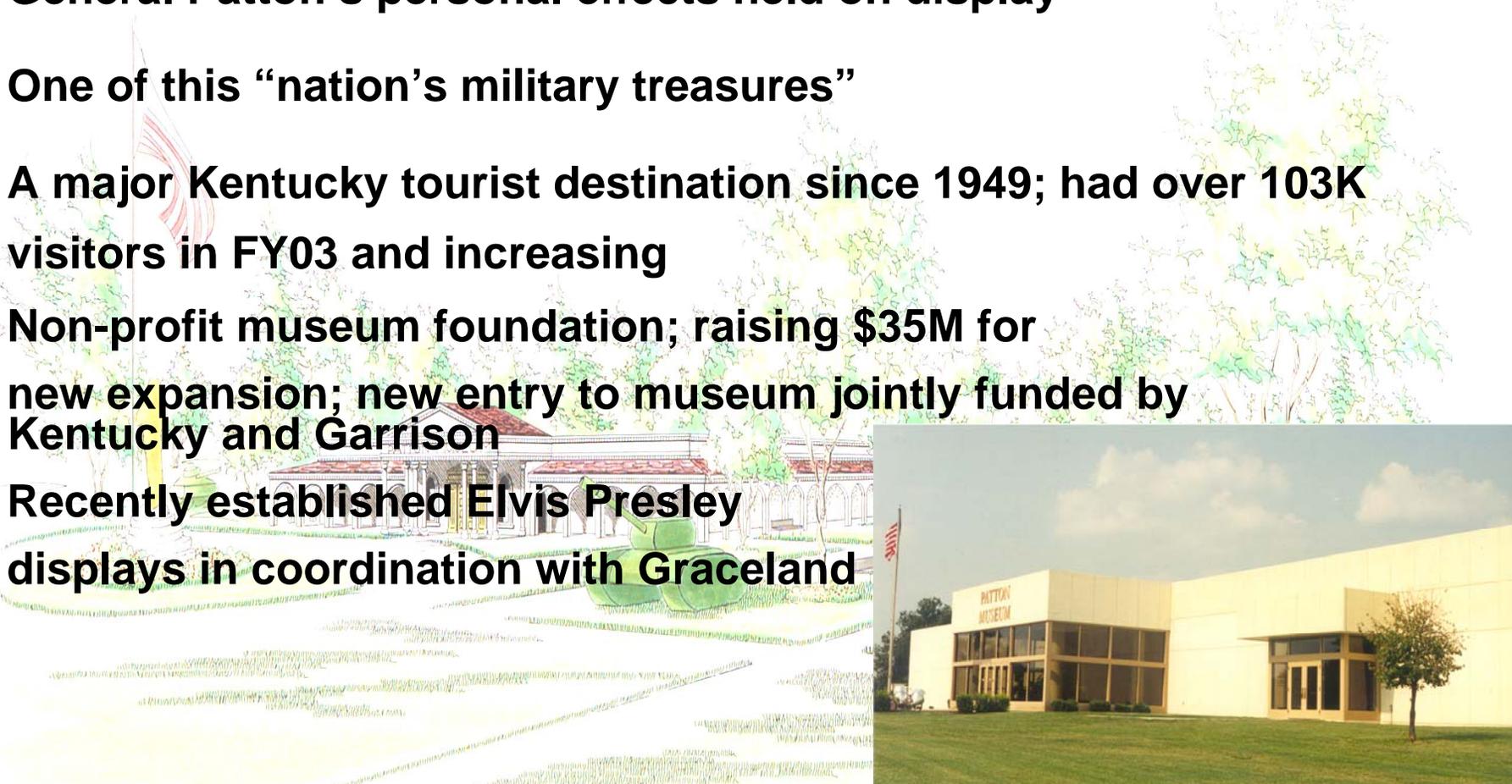


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Patton Museum of Armor and Cavalry

- General Patton's personal effects held on display
- One of this "nation's military treasures"
- A major Kentucky tourist destination since 1949; had over 103K visitors in FY03 and increasing
- Non-profit museum foundation; raising \$35M for new expansion; new entry to museum jointly funded by Kentucky and Garrison
- Recently established Elvis Presley displays in coordination with Graceland



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Armor Magazine



Provide the Chief of Armor a forum to focus on concepts, doctrine, and warfighting at the tactical and operational levels of war; and provide the Armor and Cavalry forces a professional journal to support the education, training, doctrine development, and integration missions of the Armor Center.



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Unique Units / Organizations



- **US Marine Corps Detachment**: Trains all USMC Tank Crewmen and Tank System Mechanics. Also serves as the Commandant of the Marine Corps' representative to the CG, U.S. Army Armor Center.

- **703rd EOD Company**: conducts EOD/ Force Protection to eliminate or reduce the hazard of improvised explosive devices (IED), conventional, chemical, biological, and nuclear ordnance that threaten personnel, operations, material, or installations, destroys unserviceable ammunition, provides technical intelligence information on first seen explosive ordnance, trains personnel in explosive ordnance recognition, supports host nation law enforcement, and provides VIP support to the U.S. Secret Service in support of the President and other dignitaries



- **ARI**: To Conduct Exploratory and Advanced R&D to Develop more Effective and Efficient Training Methods, Management Systems, and Performance Evaluation Techniques for the Total Mounted Force, both Active and Reserve.

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Unique Units / Organizations

(cont.)

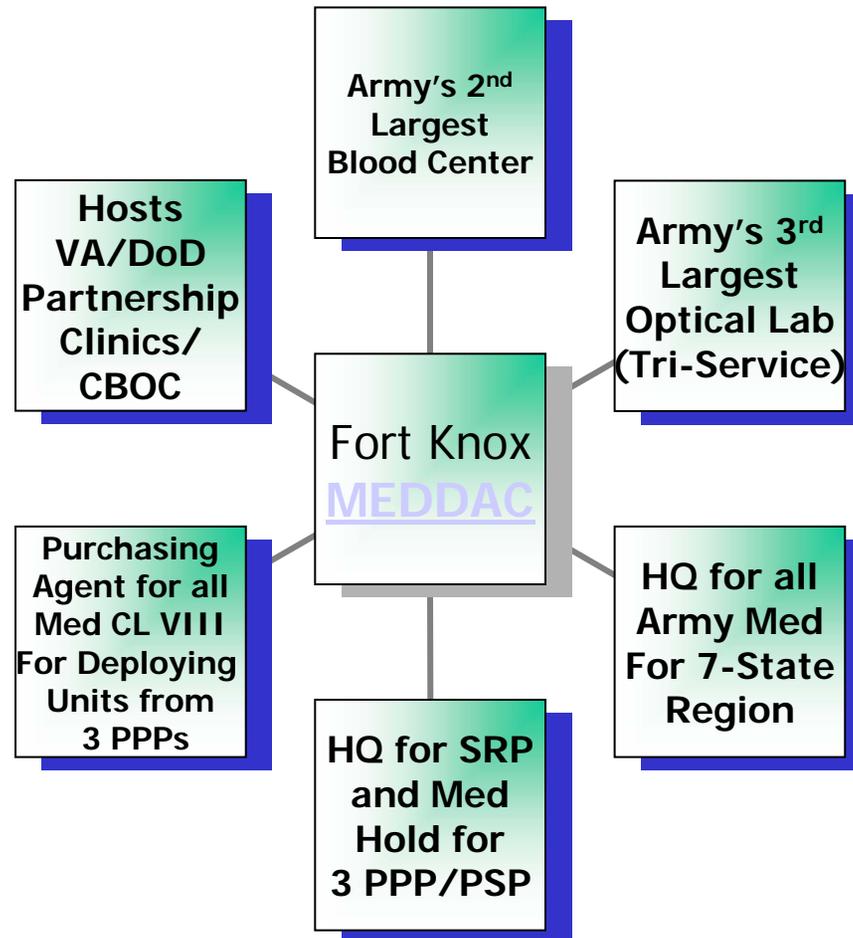


- **OL-C 18th Weather Squadron**: Air Force Unity involved in forecasting and observing the weather and providing critical situational information to the Installation and the USAR Aviators
- **B Co 6/52d Aviation Regiment (F/W) C-12 Detachment**: provides personnel and cargo transport under Joint Operational Support Airlift Center (JOSAC) and Operational Support Airlift Command (OSACOM,) to CONUS and OCONUS locations within the Priority Air Transport (PAT) system.
- **8th BN, 229 Aviation Regiment (R/W) AH-64 Apache Regiment**: mobilizes, deploys and conducts attack helicopter operations World-wide as part of a Forces Support Package (FSP).

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Fort Knox MEDDAC Unique Missions



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State and Local Support

- Governors Office: Kentucky Commission on Military Affairs
- Standing Joint Committee on Veterans, Military Affairs and Public Protection
- Kentucky Bluegrass Challenge Academy – program for troubled kids.
- Troops to Teachers Program
- \$50.7M Hwy 313 to support deployments out of Louisville and Logistical support for Yano Range (MPRC)
- \$7.5 M to rebuild 31W in Hardin and Meade Counties and provide Patton Museum unimpeded access
- \$19.5 M to build Fort Knox to Elizabethtown Connector improving access to Southern Hardin County
- Regional CORE Committee, local Mayor's Advisory Group and Chamber of Commerce Memberships
- Joint Land Use Study and Committee to preclude encroachment
- Close interface with State Congressional delegation to be advocates for Fort Knox and the Army

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We Can Move Troops and Equipment



Godman Army Airfield



River to Gulf / Ocean Network

Railheads



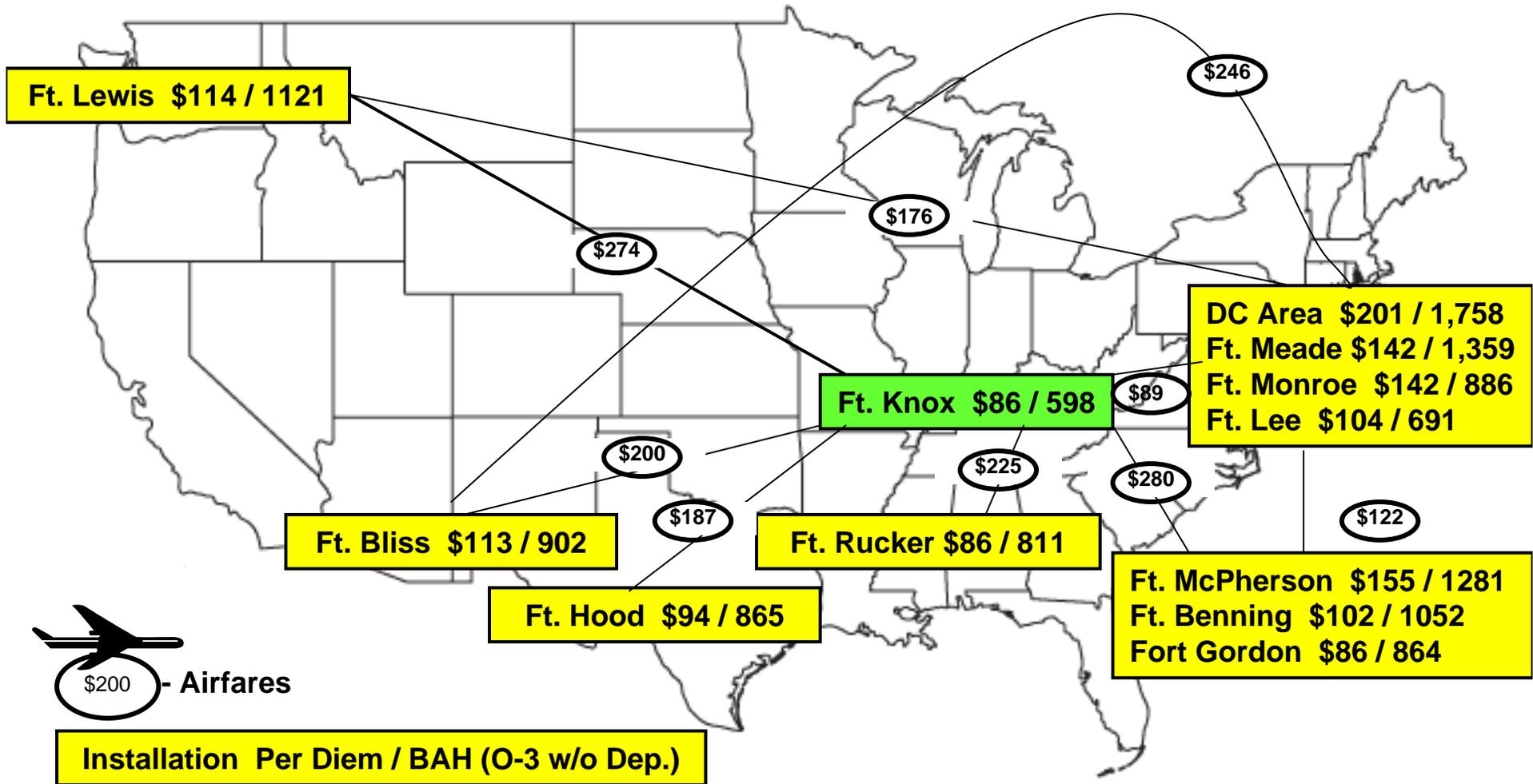
Louisville International Airport / UPS Hub / KY ANG

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Stationing Strength

Low Cost, High Quality of Life



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Stationing Strengths



- **Location**
 - **Central US location**
 - **Reasonable Air Fare**
 - **Nearby transportation links**
 - **No environmental or encroachment impact on training**
 - **Low cost of living**
 - **High quality of life**
 - **Superb local and state partnerships**
 - **Existing commands with regional responsibilities**

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Stationing Strengths



- **Capabilities**
 - **UAMBL**
 - **Live – Virtual – Constructive Training**
 - **Outstanding range facilities**
 - **Simulations Center**
 - **IT network across post and training ranges**
 - **Digital, Multi-purpose ranges and training areas**
 - **Connectivity with World-wide training centers**

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Stationing Strengths



- **Growth Potential**
 - **Room to expand Godman Army Airfield**
 - **~6K buildable acres**
 - **Availability of facilities - motor pools, class rooms, infrastructure, ammunition storage**
 - **Medical & Dental facilities easily expandable**
- **MACOM sub-commands here now**
- **Experience with TOE units on post**
- **Supports the Flagship Post concept and stabilization initiatives**

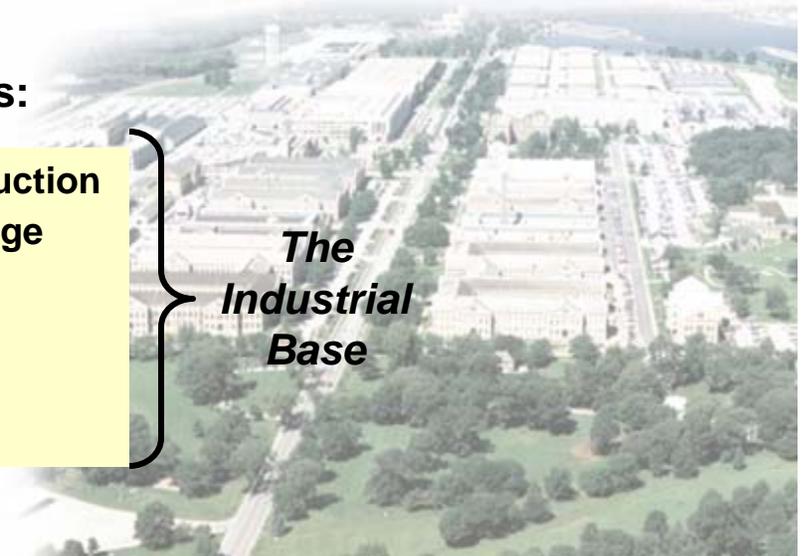
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Why is Fort Knox Important to the Army?

We meet the Army's Needs....

- ❑ **Vision:** Units located at installations that enable the capabilities of an Army in Transformation, support strategic responsiveness, meet readiness standards and leader development requirements, encourage joint use possibilities, and enhance quality of life for Army soldiers, civilians, and their families.
- ❑ **Mission:** Station Army units at installations capable of supporting Army Transformation and the National Military Strategy (NMS).
- ❑ **Goal:** Station Army units at installations to meet the demands of the NMS and fulfill its Title 10 responsibilities.
- ❑ **Premise:** Stationing is based on the capabilities of the installation, not the primary function performed at the installation.
- ❑ **Installations:** Grouped into 13 broad categories:

- | | |
|-------------------------------|-------------------------|
| - Maneuver | - Ammunition Production |
| - Major Training (Collective) | - Ammunition Storage |
| - Command/Control/Admin | - Depots |
| - Training (Individual) | - Industrial |
| - Professional Development | - RDT&E |
| - Medical Treatment | - Proving Grounds |
| - Ports | |





Themes



History: Key to victory since WWII; The Combat Arm of Decision

Relevance: Every Tanker / Scout in Iraq was trained at Ft. Knox

Transformation: The Future Force is being forged here

Value: A single post with regional responsibilities and impact

Community: Local, state and regional partnerships

Environment: No restrictions on training

Joint: Multi-service, Multi-function; Joint installation of excellence

Expansion: Space and facilities for new units and missions

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Forge The Thunderbolt!

*Fort Knox: 100 years of training
excellence and readiness. Ideally
suited for the Future Force!*