



FORT HOOD, TEXAS
THE ARMY BASING STUDY (TABS) GROUP
4 MARCH 2004
COL William H. Parry, III – Fort Hood Garrison Commander



FORT HOOD, TEXAS – “THE GREAT PLACE”



- APPROXIMATELY 60 MILES NORTH OF AUSTIN, 50 MILES SOUTH OF WACO
- 98% OF ALL MILITARY FAMILY MEMBERS LIVE WITHIN 10 MILES OF THE FLAGPOLE
- 62 YEARS YOUNG
- WWII TRAINING CAMP FOR THE ARMY'S TANK DESTROYER TACTICS & FIRING CENTER



FORT HOOD STATISTICAL SNAPSHOT



➤ **209,089 ACRES – 335 SQUARE MILES**

- MANEUVER AREA: 138,266 ACRES

- LIVE FIRE IMPACT AREA: 63,000 ACRES

➤ **446 MILES OF PAVED ROADS**

➤ **23 ACTIVE ACCESS CONTROL POINTS**

➤ **447 MILES OF TANK TRAILS**

➤ **4856 ACTIVE BUILDINGS**

➤ **1935 MILES OF UTILITY LINES**

➤ **2 AIRFIELDS**

➤ **NORTH FORT HOOD MOBILIZATION SITE**

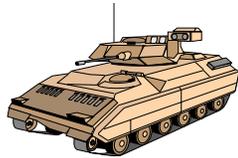
➤ **CURRENT ONGOING MILITARY CONSTRUCTION: \$278M**



FORT HOOD: THE ONLY 2-DIVISION INSTALLATION IN OUR ARMY



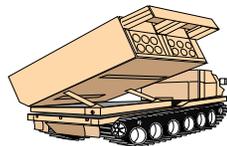
450 TANKS



509 BRADLEYS



163 AIRCRAFT



**1497
OTHER TRACKED
VEHICLES**

44,954 SOLDIERS



Military Assigned

4th Infantry Division	12,888
1st Cavalry Division	17,797
13th Corps Spt Cmd	6,571
21st Cavalry Bde	470
89th MP Bde	1,112
504th MI Bde	607
3d Signal Bde	1,709
13th Finance Group	312
HQ CMD/GARR	1,112
MEDDAC, DENTAC	} 2,376
Operational Test Cmd	
Other.	







Force Provider for OEF and OIF-1



Fort Hood: Army Installation Deployment Excellence Award Winner – 2003!



Not one late movement!

**22,158 pieces
on 67 ships**

**21,626 pieces
on 6,179 railcars**

**43,701 soldiers
on 294 aircraft**



**65%+ of
Fort Hood!**

**TF Ironhorse
(4 INF DIV)**

**45 of 52
separate
companies
from 13
COSCOM**

1-227AVN BN

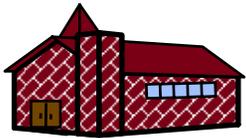
15MI BN

720 MP BN

16 SIG BN



THE FORT HOOD COMMUNITY: AN ENDURING INSTALLATION



7 on post schools
(+ 2 under construction)
615 teachers
17,419 students
on/off post

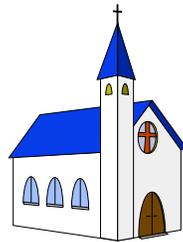


52 motor pools--
7.2 miles of
combat power

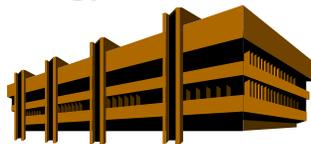


9 gyms

**LARGEST
IN THE ARMY**



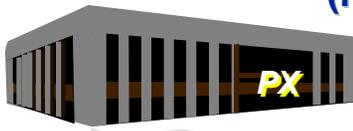
12 chapels



98 barracks
(approx. 15,344 soldiers)



6,143 family quarters
(Privatized 1 Oct 01)



2 huge "department stores,"
2 huge "grocery stores," and
90 Exchange Facilities

- ✓ >169,404 Total Population Served
- ✓ > 43,954 Soldiers/Airmen
- ✓ 77,060 Retirees
- ✓ 17,301 On-Post Family Members
- ✓ 19,138 Off-Post Family Members
- ✓ 4,030 Civilian Employees
- ✓ >6,721 Service & Contractor Employees
- ✓ 9,990 Contracts
- ✓ 2,599 Volunteers Each Month

**TOTAL YEARLY ECONOMIC IMPACT
\$3.9 BILLION**



PARTNERSHIPS WITH THE COMMUNITY



- Texas Environmental Partnership
- U.S. Fish & Wildlife
- TXDOT
- Central Texas College
- Texas Parks & Wildlife
- NRCS
- KISD
- local communities...

Joint Use- RGAAF

- Memorandum Signed May 2000
- 10,000 ft Runway = Expanded Accommodation

Texas State Veterans Cemetery

- 174 Acres transferred to Texas Land Commission January 03





MILITARY CONSTRUCTION ARMY (MCA) PROGRAM



UNDER CONSTRUCTION NOW

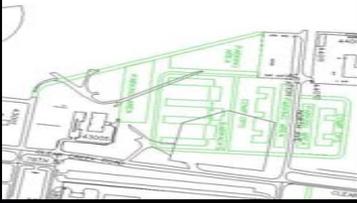
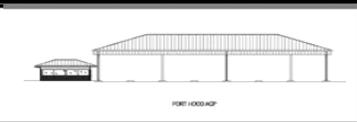


	Under Construction	FY/ \$	Description	Status
	Fire Station/TMP PN 41047	FY 01/ \$7.47M	Centrally located Reduces response time FY 01 Congressional Insert	Construction 60% complete. Scheduled Completion Jun 04.
	Digital Multipurpose Range Complex (Clabber Creek & Jack Mountain)	FY 01/ \$28.60M	First Digital Range in the Army	Construction 81% Complete Scheduled Completion Feb 05
	Command & Control 39000 Block (COSCOM) PN 54552/37102	FY 01/02/ \$14.14M	2 BDE, 2BN HQ, 6 CO Ops Will relocate all 13th COSCOM assets from the 4400 block FY 01 Congressional Insert	Construction 64% complete. Scheduled Completion Jul 04.
	13th COSCOM TAC Shop PN 19699	FY 02/ \$12.37M	Includes: Overhead cranes, POL handling & storage Admin area Materiel storage	Construction 75% complete. Scheduled Completion Jun 04.
	18000 Block Barracks (1CD) PN 54459	FY 02/ \$37.60M	Whole Barracks Complex, 1+1 Criteria, 480 Spaces, Includes: 1+1 Criteria, 480 Spaces, Soldier Community Building 5-CO Operations, Dining Facility	Construction 70% complete. Scheduled Completion Nov 04.
	4ID DS TAC Shop PN 22993	FY 02/ \$15.39M	Includes: Overhead cranes POL handling & disposal Admin area Materiel storage	Construction 49% complete. Scheduled Completion Dec 04.



UNDER CONSTRUCTION NOW

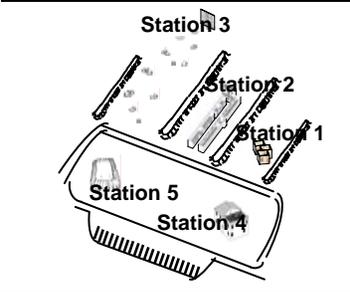


	Under Construction	FY/ \$	Description	Status
	Darnall Army Hospital, Addition/ Alterations PN 53431	FY03/ \$9.25M	Construct 2-story addition, ambulance shelter and alter the existing Emergency Room space. Add 37,716 SF to existing Emergency Room	Construction 2% complete. Scheduled Completion Nov 06.
	Enlisted Barracks Complex III (Clear Creek) PN 54520	FY03/ \$39.50M	480 spaces 10 company ops Includes additional electrical substation that will service the west side of the cantonment area.	Construction 3% complete. Scheduled Completion Apr 06.
	Cantonment Fencing PN 58645	FY03/ \$1.96M	Construct security fencing around cantonment to include chain link fence, barbed wire top guard, and gravel maintenance /security strip inside/outside of fence line.	Construction 48% complete. Scheduled Completion Mar 04.
	Access Control Points PN 57542	FY03/ \$18.58M	Construct 21 Access Control Buildings to include Main Gate, 6 primary and 14 secondary gates.	Construction 24% complete. Scheduled Completion Apr 05.
	Fixed Wing Aircraft PH II PN 55203	FY03/ \$16.85M	Second phase of two-phase program to upgrade deployment capabilities. Includes: expanded deployment ramp; deployment terminal; surface upgrade of aprons and taxiways; ammo pad access drive; added refueling points; and runway approach lighting.	Construction 2% complete. Scheduled Completion Jan 06.
	Brigade Command & Control PN 59443	FY03/ \$11.7M	Phase I of a two-phase project. Phase I consists of one small size battalion command & control with classroom; two brigade HQ buildings; a large brigade HQ; and supporting facilities.	NTP signed 24 Nov 03. Scheduled Completion May 06.



UNDER DESIGN (FY04 – F09)



	Under Design	FY/ \$	Description	Status
	Whole Barracks Complex, 27000 Block (1CD) PN 23652	CWE \$47.0M FYDP04	Whole Barracks Complex, Includes: 480 Spaces, 1+1 Criteria 5 Company Ops 800-Man Dining Facility	Final design under review; Scheduled for Award Jun 04
	Urban Assault Course PN 57133	FY 04 CWE \$2.80M FYDP04	Platoon size facility Round Robin sequence Quarterly execution IND/COLL skills mastery Prior to Shoothouse and CACTF Interchangeable Target Systems	Final design underway; Scheduled for Award Jul 04
	Barracks Complex (1CD) PN 23654	CWE \$49.0M FYDP05	Whole Barracks Complex, Includes: 480 Spaces, 1+1 criteria 4 Company Ops	30% design out for review; Scheduled for Award Dec 04
	Women's Health/ OBGYN Addition PN 59210	FY 05 CWE \$12.7M	40,679 SF Consolidated Women's Health Clinic 12,583 SF additional/ 10,640 SF Alteration Labor/Delivery Suite 28,096 SF Mother/Baby Unit 383 SF Alteration NICU	Deleted from FY05 President's Budget



UNDER DESIGN (FY04 – F09)



	Under Design	FY/ \$	Description	Status
	Digital Multipurpose Training Range Brown's Creek PN 52001	FY05 CWE \$28.2M FYDP05	Construct a two-lane multi-purpose digital range	Final design underway; Scheduled for Award Nov 04
	Qualification/ Training Range, Lone Star PN 52000	FY06 CWE \$6.1M FYDP06	Construct range to new standard Qualification Training Range with 10 firing lanes.	Scheduled for Award Dec 05
	Tactical Equipment Shop, 504th MI PN 23194	FY06 CWE \$24.0M FYDP06	Construct DS Tactical Equipment facility which includes: --Overhead cranes --POL handling & disposal --Admin area --Materiel Storage	3086 submittal due at HQUSACE Mar 04
	Tactical Equipment Shop, (1CD/COSCOM) PN 22988	FY06 CWE \$27.0M FYDP09	Construct DS Tactical Equipment facility which includes: --Overhead cranes --POL handling & disposal --Admin area --Materiel Storage	PD due at HQUSACE by Mar 04.



PROJECTS IN FYDP



	Projects in FYDP	FYDP/ \$	Description	Status
	Cmd & Ctrl BDE HQ, 4ID DISCOM PN 19367	FYDP 07 CWE \$5.90M	Construct a standard design Brigade Headquarters building	Pending Design Directive
	Replace Barracks, 34006 & 34010, Phase I PN 23650	FYDP 08 CWE \$50.0M	Whole Barracks Complex Includes: 1+1 Criteria, 480 Spaces, Soldier Community Building 8 Co Operations, Dining Facility	Pending Design Directive
	Aviation Qualification Dalton/Henson Mountains PN 52005	FYDP 08 CWE \$19M	Re-construct and upgrade a Multi-use range	Pending Design Directive
	Digital Range Complex, Sugarloaf PN 49501	FYDP 08 CWE \$15.28M	Re-construct and upgrade a Multi-use range	Pending Design Directive
	DS Tac Equip Shop (COSCOM) PN 22772	FYDP09 CWE \$24.0M	Includes: Overhead cranes POL handling & disposal Admin area Materiel storage	Pending Design Directive
	DS Tac Equip Shop (1CD/COSCOM) PN 22988	FYDP09 CWE \$27.0M	Includes: Overhead cranes POL handling & disposal Admin area Materiel storage	Pending Design Directive



PROJECTS IN FYDP



	Projects in FYDP	FYDP/ \$	Description	Status
	Cmd & Ctrl (4 Co) 4ID DISCOM PN 27696	FYDP 09 CWE \$25M	Construct three medium and one large company operations building.	Pending Design Directive
	Digital Range Complex, Blackwell & Pilot Knob PN 49502	FYDP 09 CWE \$34M	Re-construct and upgrade a Multi-use range	Pending Design Directive
	Physical Fitness Center PN 55599	FYDP09 CWE \$6.4M	Construct a standard design physical fitness center with enclosed pool and associated facilities.	Pending Design Directive
	MOUT/CACTF Phase I PN 57131	FYDP 09 CWE \$30.0M	Provide critical urban warfighting training	Pending Design Directive
	Two Fire Stations PN 57799	FYDP09 CWE \$9M	Construct two standard design Fire Stations for NFH & HAAF	Pending Design Directive

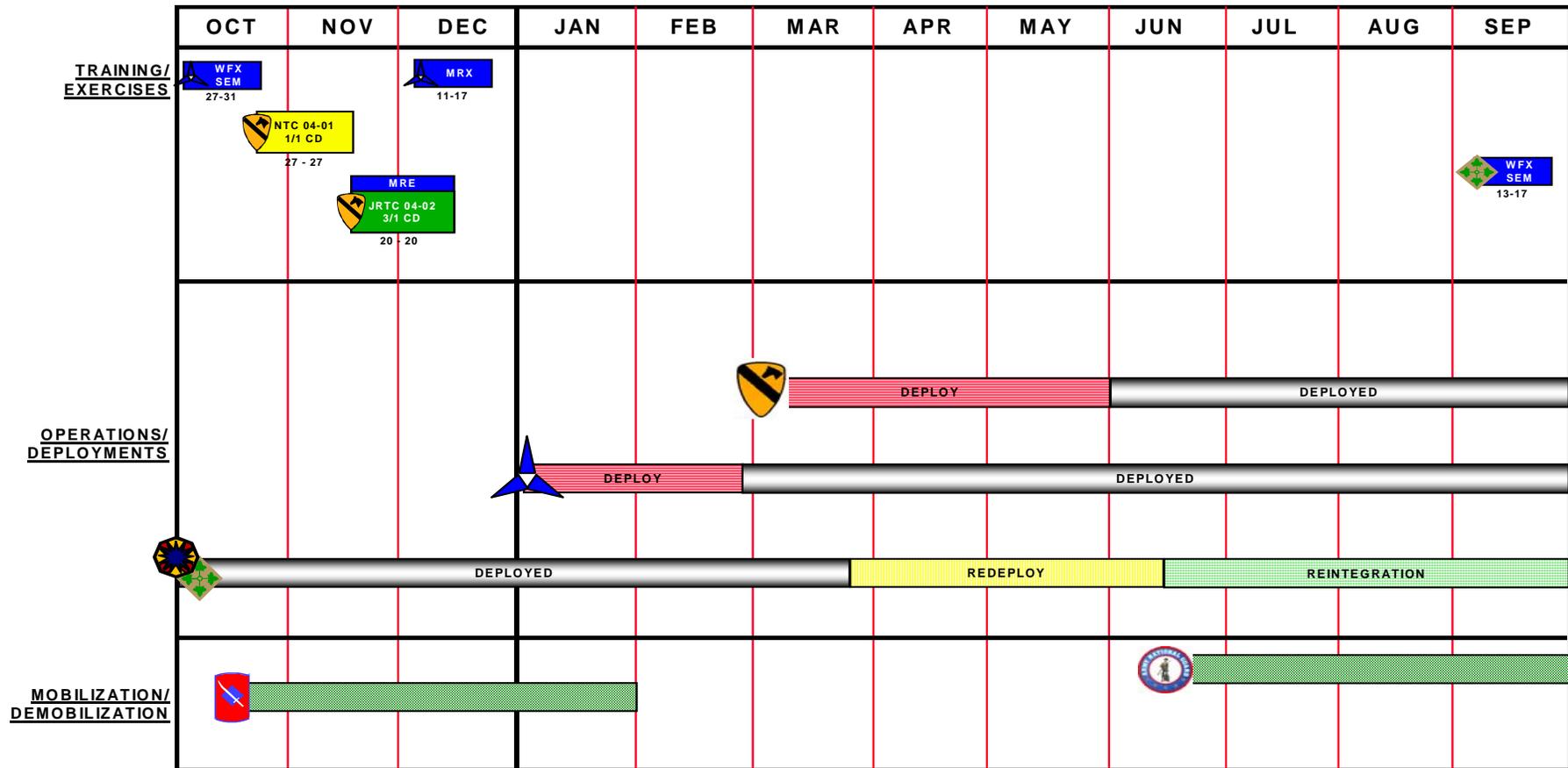


TRAINING AT FORT HOOD



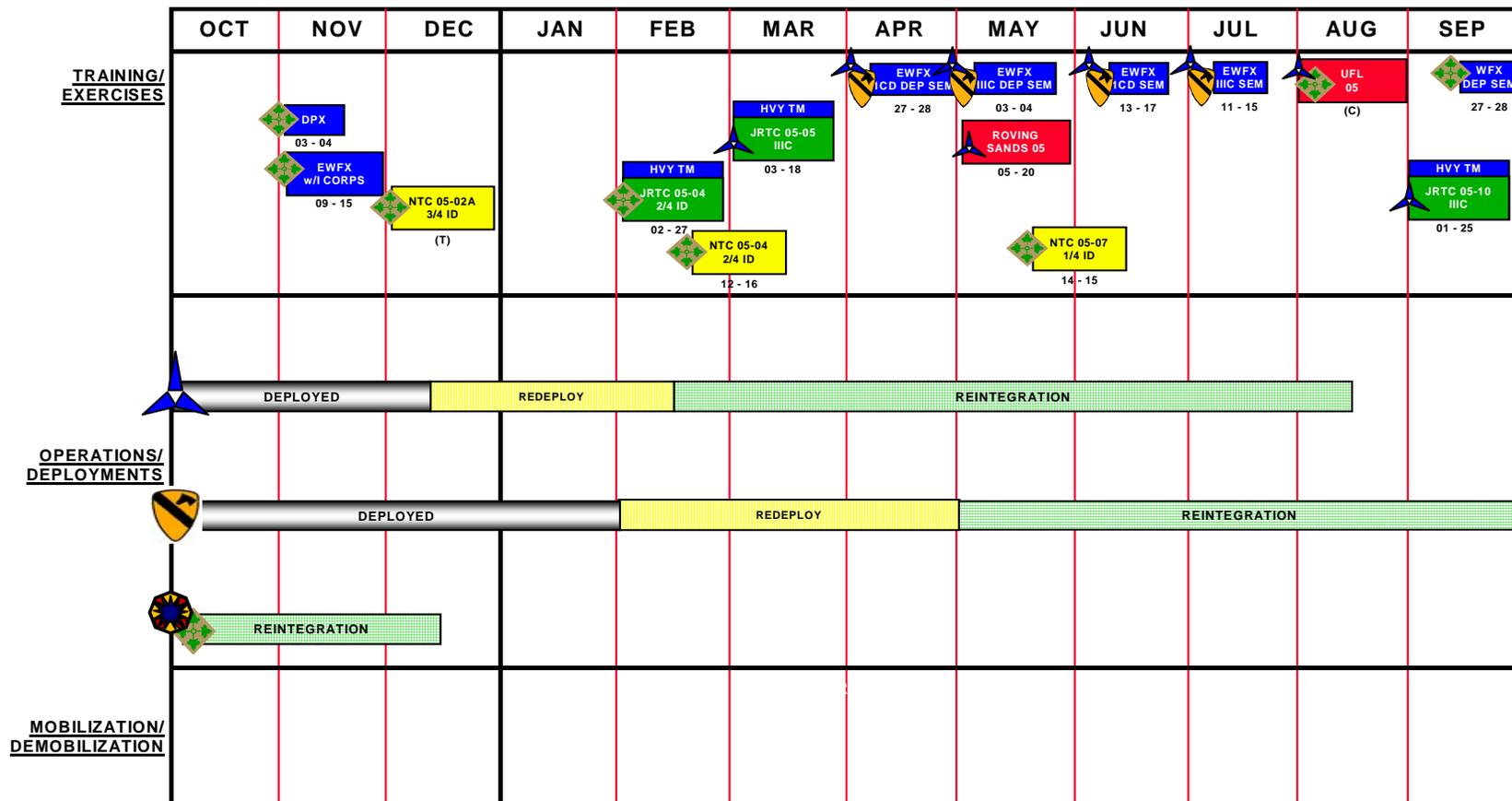
Fort Hood Unit Master Events

FY 04





Fort Hood Unit Master Events FY 05





FORT HOOD: AN ENDURING PLACE TO TRAIN

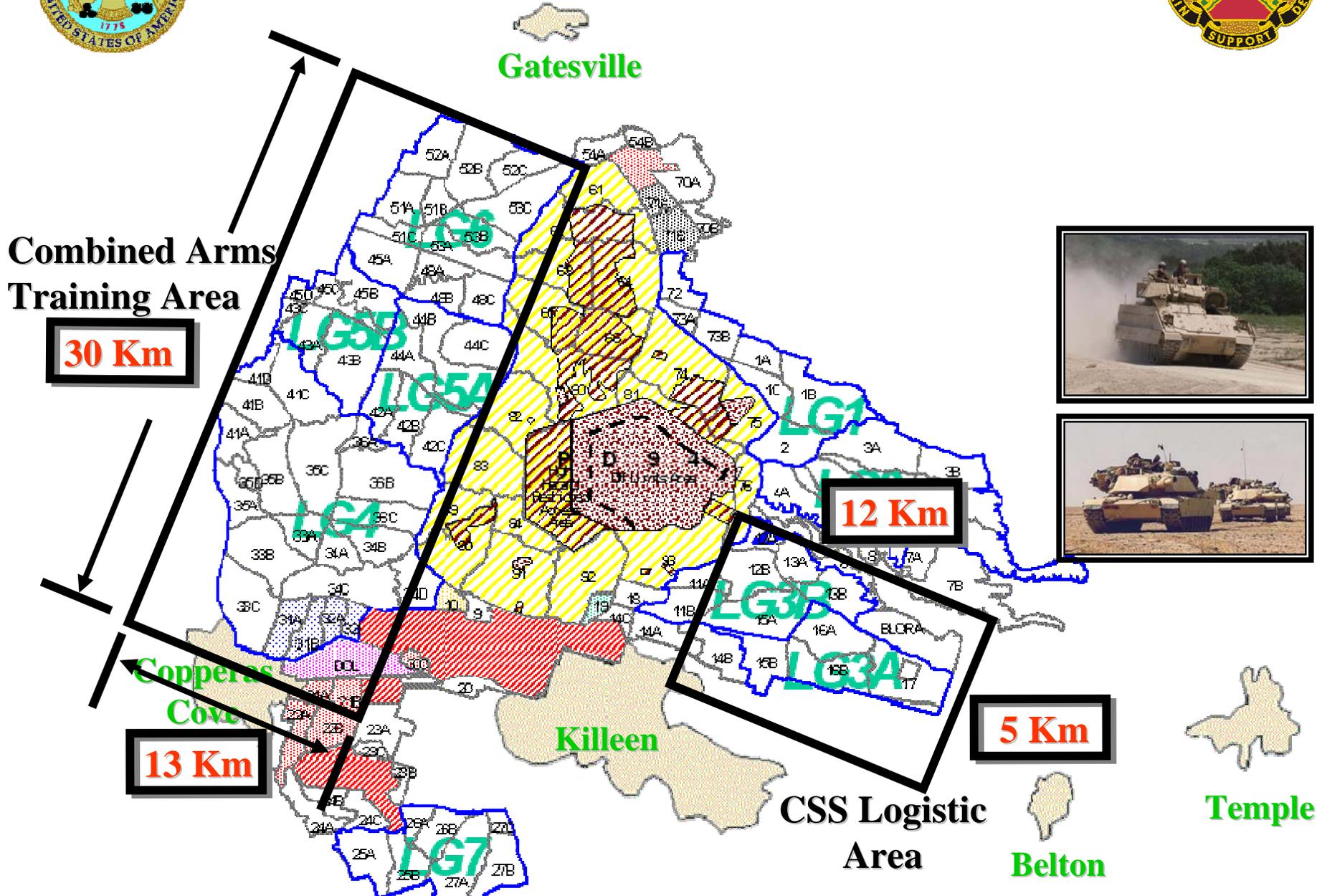


- Home of the most powerful corps in the world.
- 335 square-mile installation
- Largest investment in training devices/simulations (\$440M) in the Army
- 63,000 acres in the impact area
- 138,266 acres for maneuver area
- Largest aviation training area in the Western World (15,900 square miles)



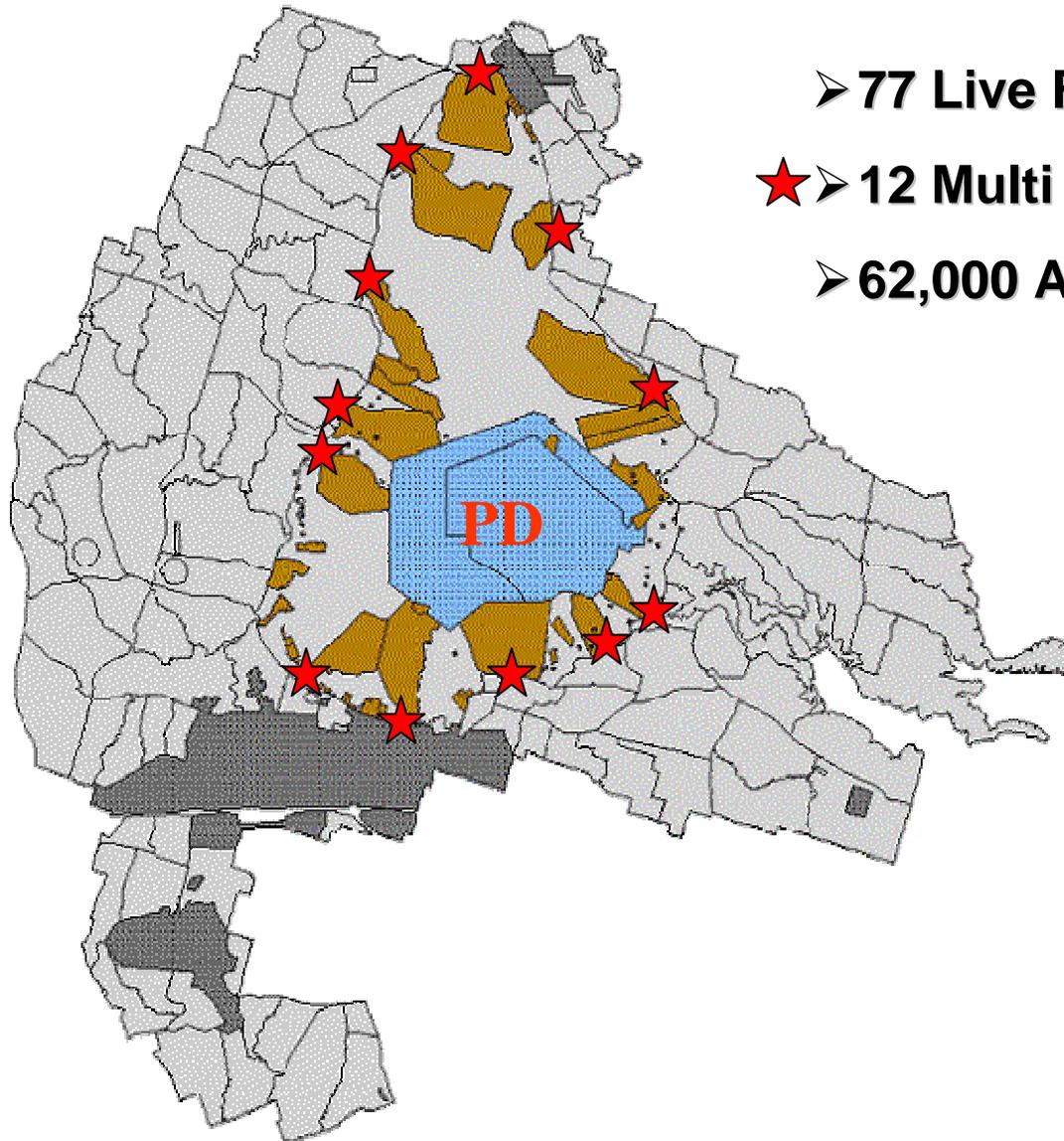


FORT HOOD TRAINING AREAS





LIVE FIRE TRAINING RANGES

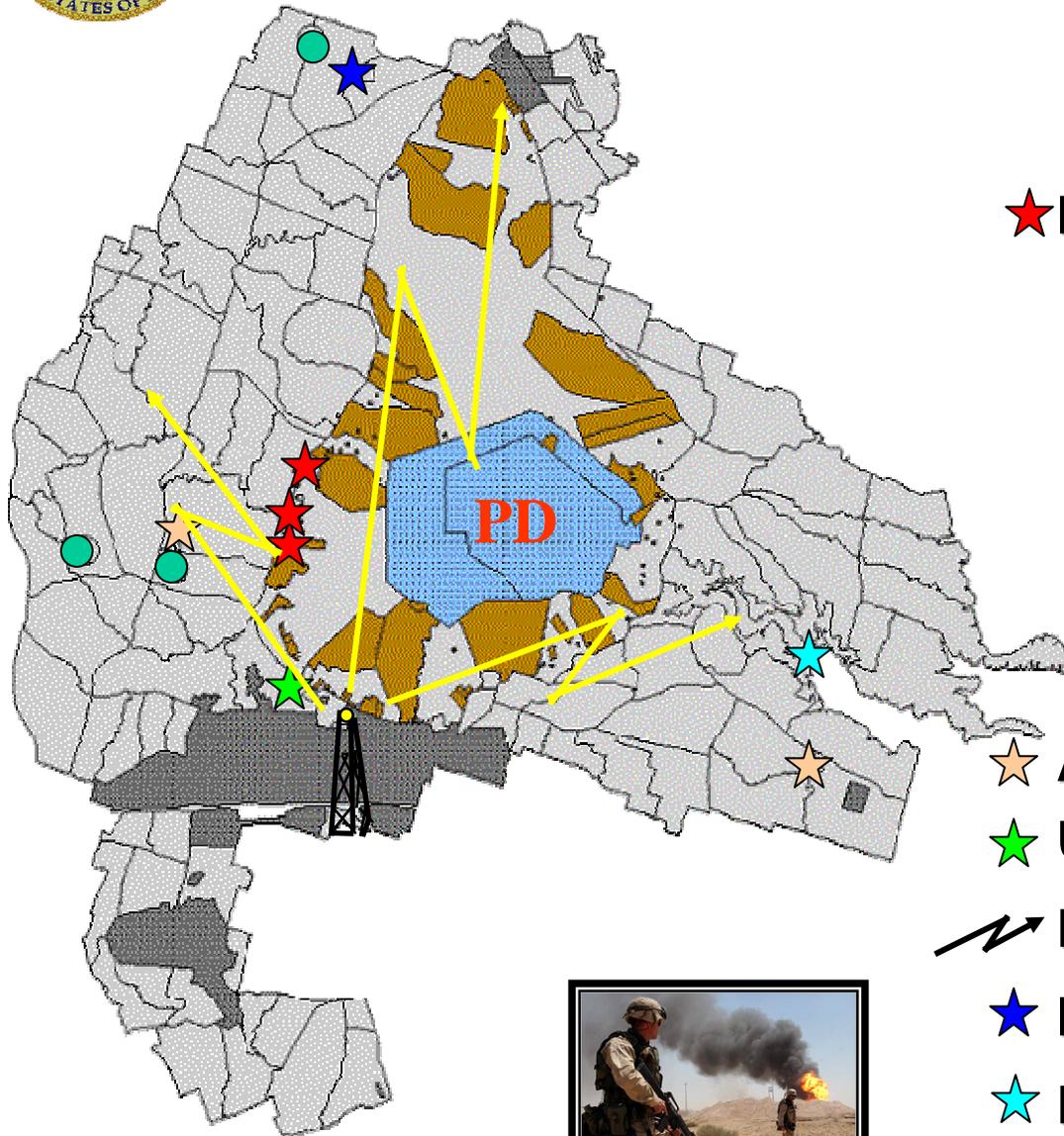


- 77 Live Fire Training Ranges
- ★ ➤ 12 Multi Use Ranges
- 62,000 Acres





SPECIALIZED TRAINING SUPPORT



★ MOUT

- Hargrove Platoon MOUT
- Saint Elijah Company MOUT
- Combined Arms Collective Training Facility (CACTF)

★ Assault Landing Strips

★ Universal Load Trainer

↗ Fixed Tactical Internet

★ Inert Bomb Range

★ River Crossing Sites

● Drop Zones

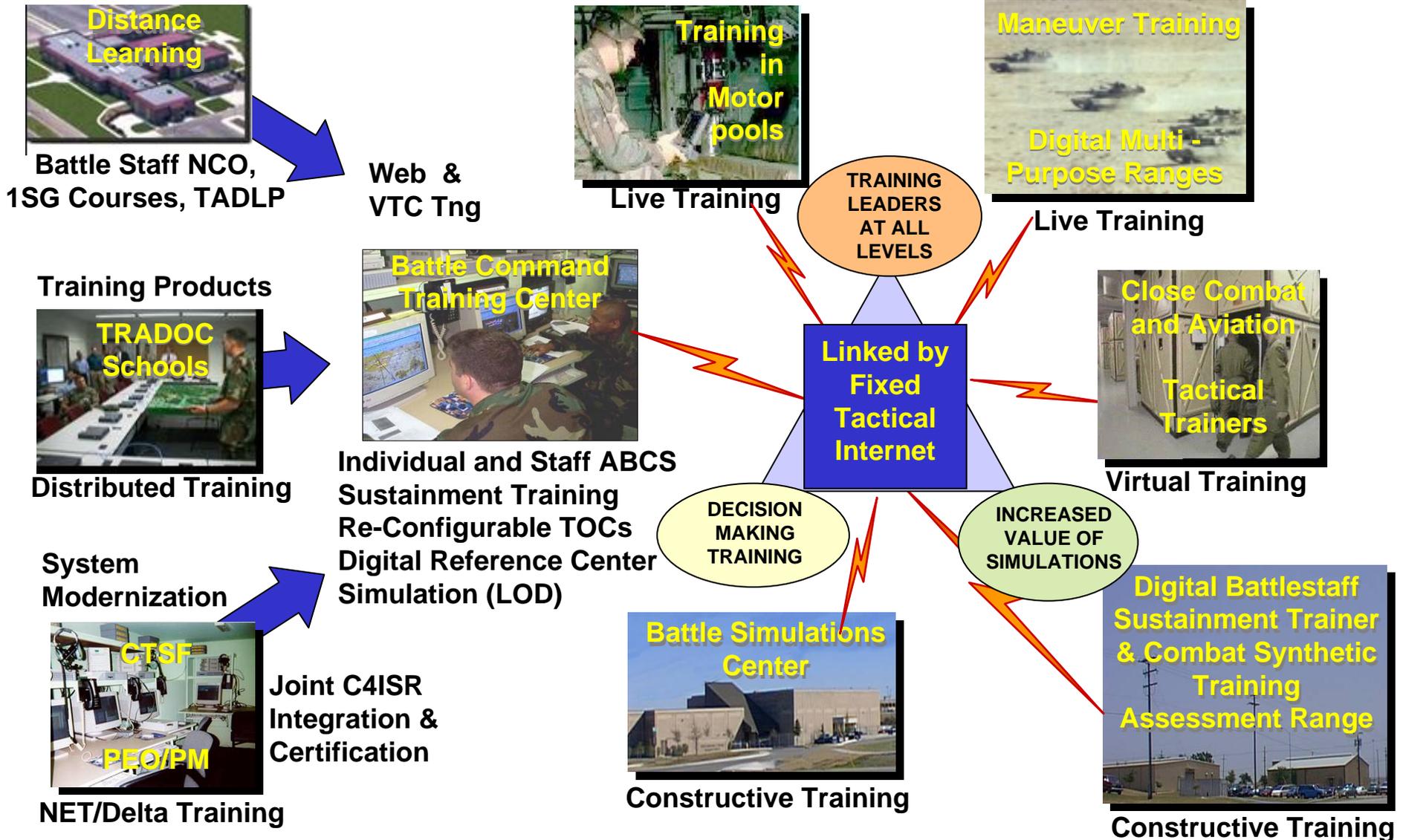




Battle Command Training



"Bringing LVC together at Fort Hood"





LIVE-VIRTUAL-CONSTRUCTIVE TRAINING

JOINT AIR-GROUND CENTER OF EXCELLENCE PROOF OF PRINCIPLE EXERCISE



Live MLRS at Fort Hood firing missions with MLRS-T instrumentation and transmitting data to BCTC and AZ

The lead Longbow flying in AZ instrumented by ICE and relayed and virtually displayed at Fort Hood, also in JCATS constructive sim



The same MLRS converted and portrayed in JCATS constructive simulation, seen with a virtual viewer next to a sim launcher replicated by FIRESIM

NARROW_FOV	OTW	GL_AUTO
12S VB 31792 20112		GMT 15:24:51
N32 43 0.03 W111 43 40.18		BRG 316 deg
RNG 1146 m		DPR 24 deg



Virtual UAV observes effects of A/C and MLRS vs 1 live target intermingled with several sim targets



Joint Training Support

Already a Joint Training Center



JOINT HEADQUARTERS

- JFCOM Joint Exercises – Millennium Challenge
- JCATS Joint Simulation
- C4ISR Integration
- Ulchi Focus Lens/ Roving Sands Exercises
- Joint Task Force 6/ CJTF-7
- Joint National Training Capability
- Joint Operational Tests

Interagency

- FBI
- ATF
- Secret Service
- Civilian Police
- Dept of Trans
- Homeland Security Mass Casualty Exercises

Multinational

- Apache Training
- Partnership for Peace
- WFX's
- Reciprocal Exchanges
- Officer Training

NAVY

- Live Fire / MOUT (SEALS)
- SEDRE's

ARMY

- Live Fire / Maneuver
- Joint Exercise / Simulations
- WARFIGHTER Exercises
- Instrumented Assessments / Operational Tests
- MOUT Complex
- Extended Air Space
- Virtual & Constructive Simulation Centers
- Cadet Training (ROTC / USMA)
- Systems Fielding and Support

AIR FORCE

- Close Air Support
- Exercise
- Live Fire
- MOUT
- ROTC
- Virtual CAS
- JSTARS Integration
- BDU – Inert Bombs

MARINES

- Live Fire
- Exercises
- MOUT
- Amphibious (Belton Lake)
- Close Combat Tactical Trainer (CCTT)

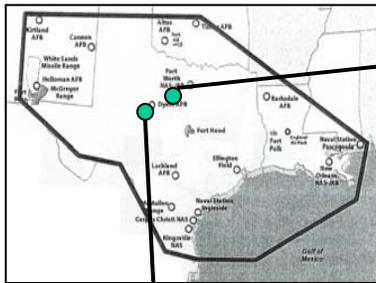


Joint Training Possibilities at Fort Hood

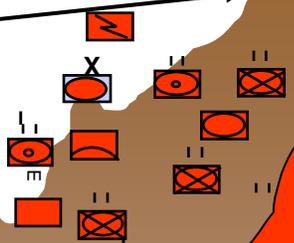




Fort Hood: a Key Resource for the Joint NTC



Instrumented & Simulated Opposing Forces



FORT HOOD



West Training Area



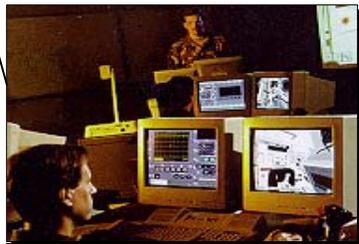
Urban Combat Site



Belton Lake



USMC Amphibious OPNS



Instrumented Aviation Exercise Control



Joint Simulations C4I Systems



Port of Corpus Christi

Port of Beaumont



Debarcation Points

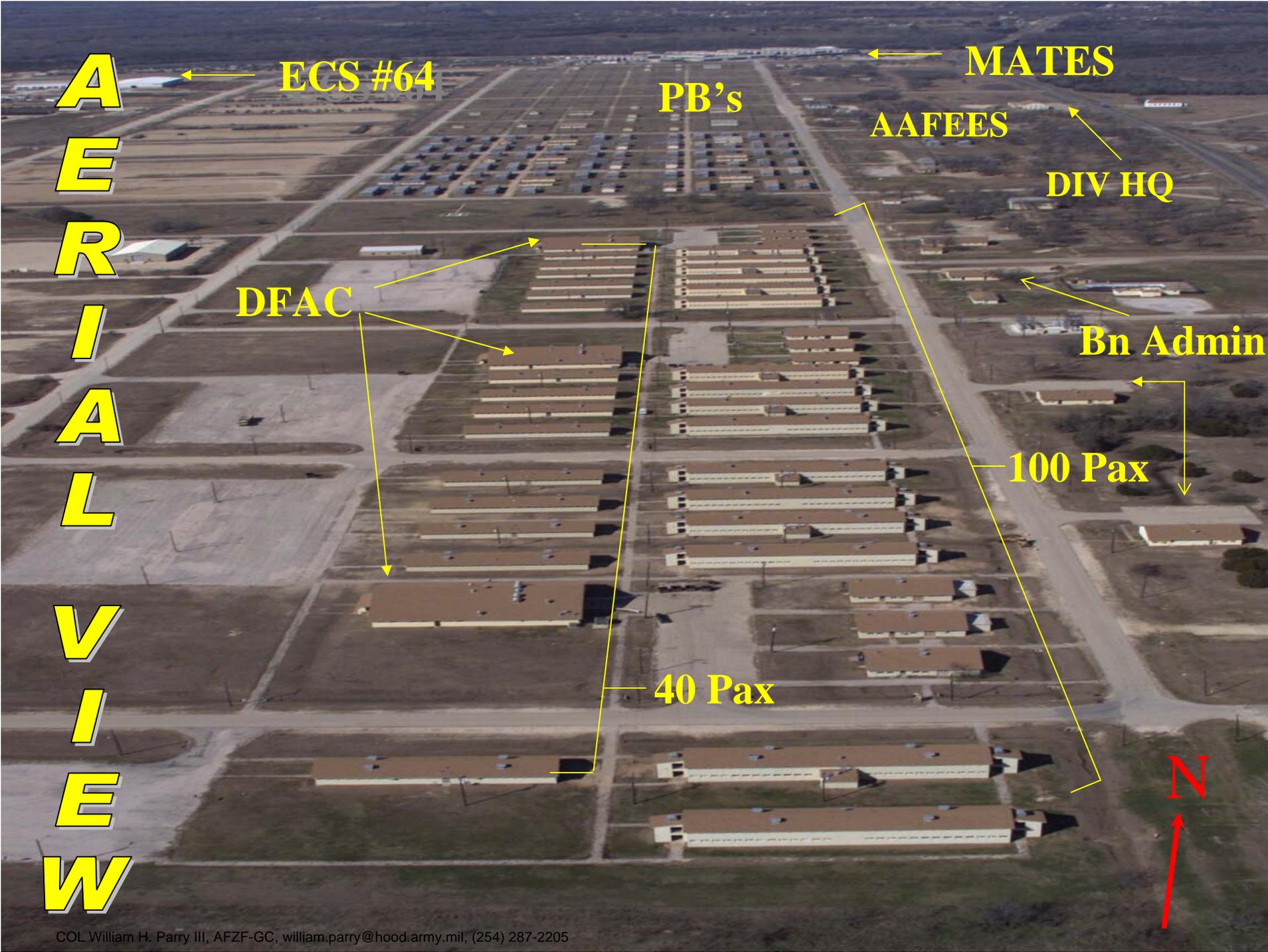


NORTH FORT HOOD FACILITIES



<u>FACILITY</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>S/F</u>	<u>CAPACITY</u>
<u>Barracks</u>				
100 Soldier	(Open Bay)	15	8,769	1500
40 Solder	(Open Bay)	14	3,441	<u>560</u>
				2260
<u>BOQ</u>				
20 Officers		10	3,441	200
<u>Dining Facilities</u>				
800 Soldiers		3	11,238	2400
<u>CLASSROOM</u>				
300 Soldiers		1	4,800	300

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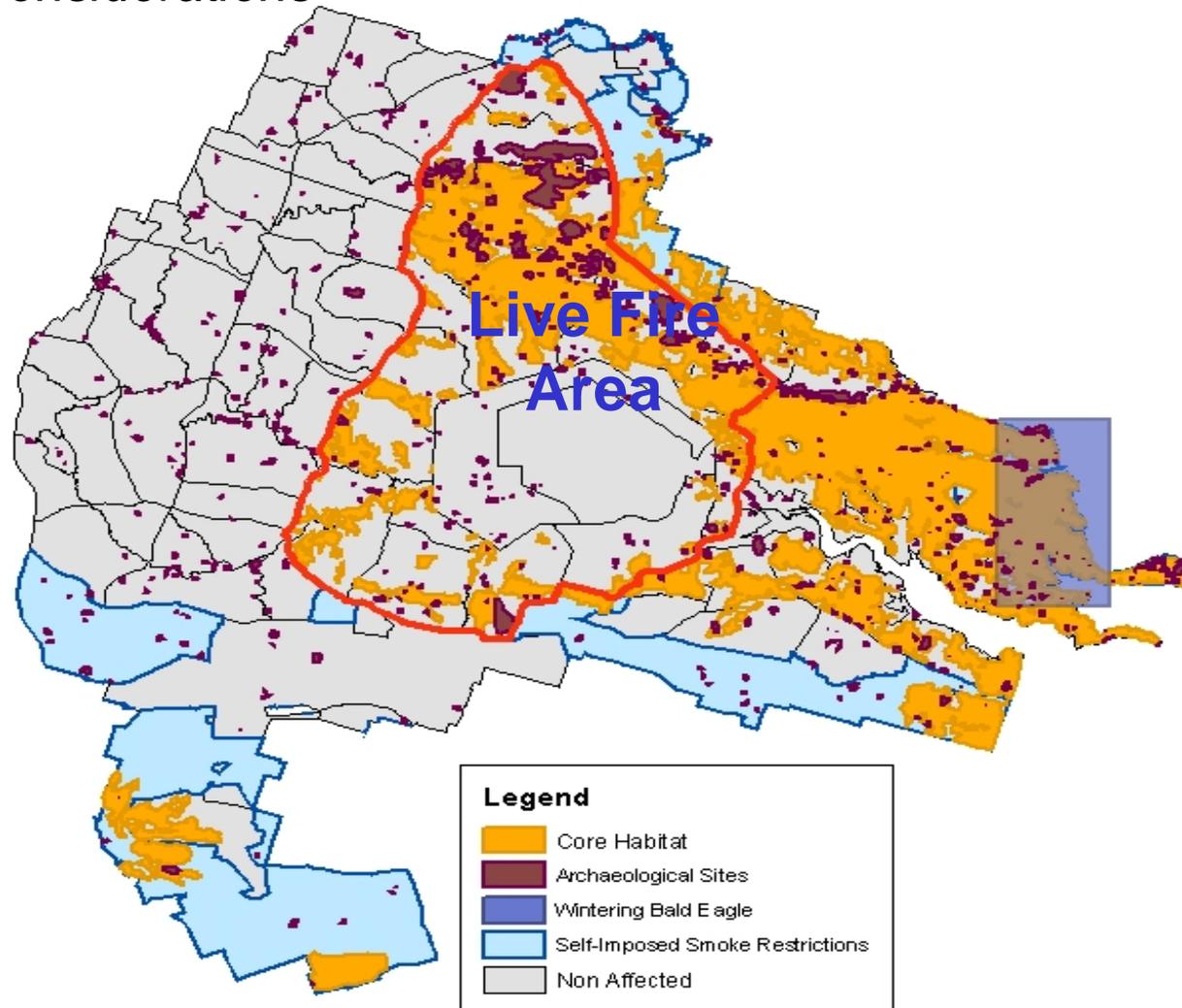
ENVIRONMENTAL PROGRAMS



FORT HOOD TRAINING AREAS



...minimal effect on training due to environmental considerations





ENVIRONMENTAL AWARDS



1999/2000

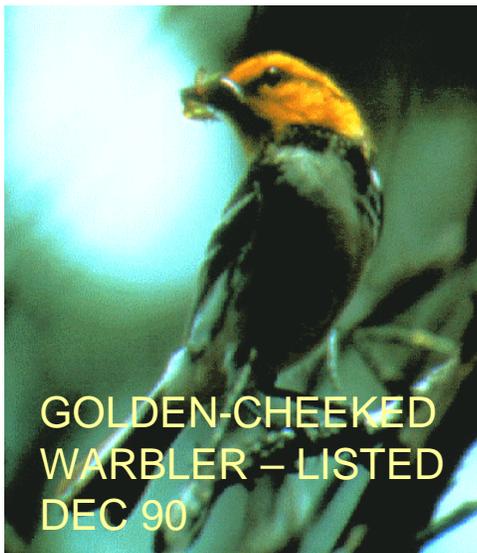
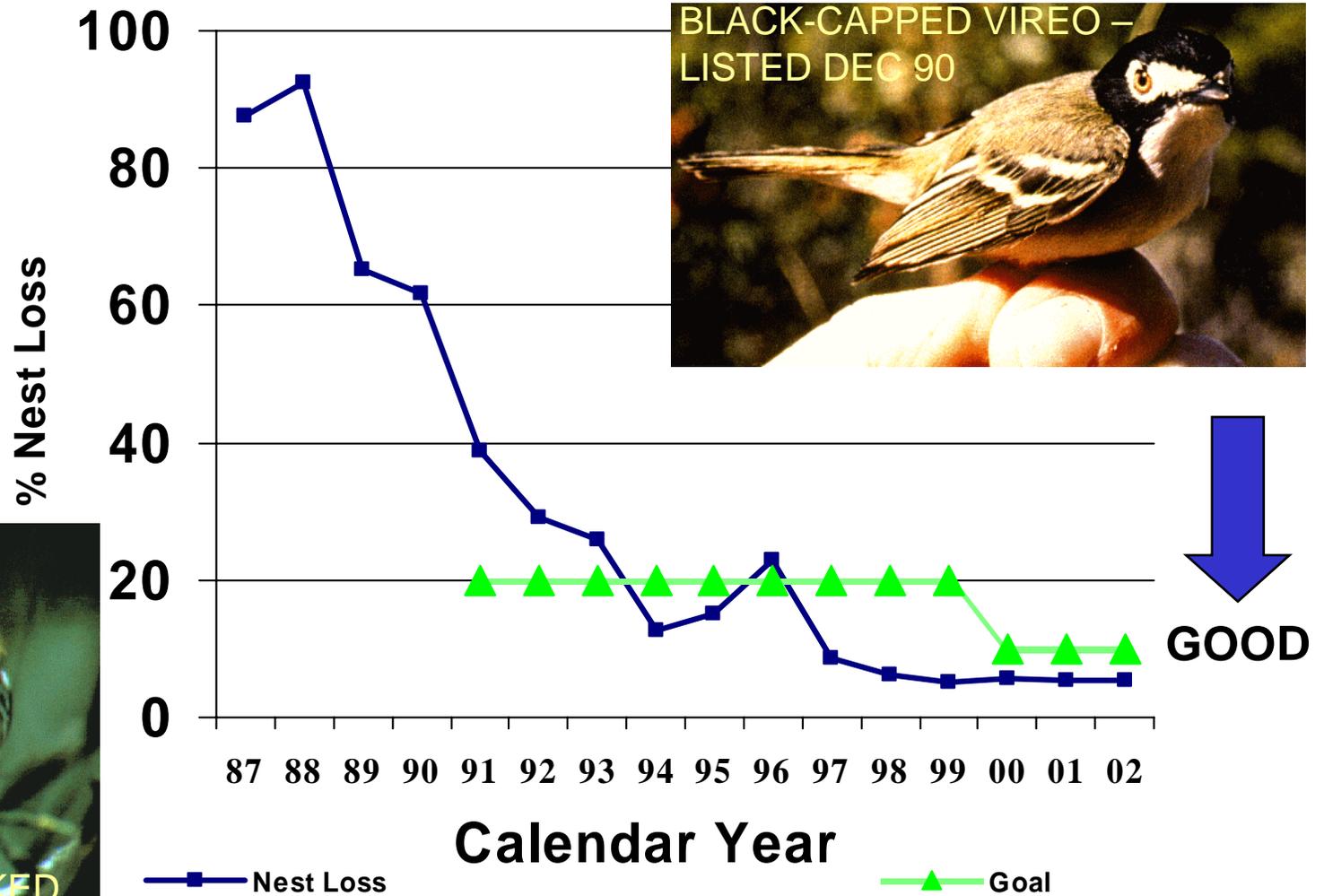
- Texas Environmental Excellence Award - Government Category for Recycling
- White House Closing the Circle Award, Recycling Category
- Hammer Award - Member of the Texas Pollution Prevention Partnership
- Secretary of the Army Environmental Security Award - Natural Resources Conservation
- Secretary of the Army Environmental Security Award - Environmental Quality
- Secretary of the Army Environmental Security Award - Pollution Prevention
- Secretary of the Army Environmental Security Award - Pollution Prevention—Individual
- Federal Energy Management Program Award for Renewable Energy

2001

- Secretary of the Army, Environmental Security Award – Natural Resource Conservation – Individual
- Partners In Flight Group Investigations Award, Sponsored by the American Birding Association



ENDANGERED SPECIES NEST LOSS





SUMMARY



- **Fort Hood is a sustainable, enduring maneuver post and Power Projection Platform – a “flagship” installation**
- **A vibrant MCA program averaging over \$200M of on-going construction**
- **Postured for Army transformation and conversion to the modularity design with several Units of Employment (UEX/y) and Units of Action (UA)**
- **Ranked 1st of 13 maneuver installations by the 1995 BRAC commission**
 - Significant investment in Live-Virtual-Constructive training capabilities**
 - Selected as the site of the Army’s first Digital Multi-purpose Range Complex**
 - A joint & interagency training center of choice – capable of accommodating more missions**
- **Outstanding partnerships with the local communities and Central Texas**