

# INSTALLATION

## Familiarization

*Briefing*



**Committed to Excellence - Supporting America's Warfighters**

**Tank-automotive & Armaments COMMAND**

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# Outline

- ◆ Installation Description
- ◆ America's Combat Vehicle Support Center
- ◆ Joint Service Support
- ◆ Supporting A Transforming Force
- ◆ Industrial Mission Expansion Capabilities
- ◆ Facility & Environmental Considerations
- ◆ Interdependent Multi – Missions
- ◆ Community Relations
- ◆ Innovative Business Practices
- ◆ Conclusion



# Installation Description



- ◆ 1,763 Buildings/Structures
- ◆ 244 Miles of Roadway
- ◆ 88 Miles of Fencing
- ◆ 46 Miles of Railroad
- ◆ 15,243 Acres
- ◆ \$1.6 Billion Plant Replacement Value
- ◆ \$671M FY04 Depot Budget
- ◆ \$680M Average Annual Tenant & Contractor Budget
- ◆ 5,578 Total Employees
- ◆ 3,358 Depot Employees

INSTALLATION DESCRIPTION



# Strategic Location & Deployment Network

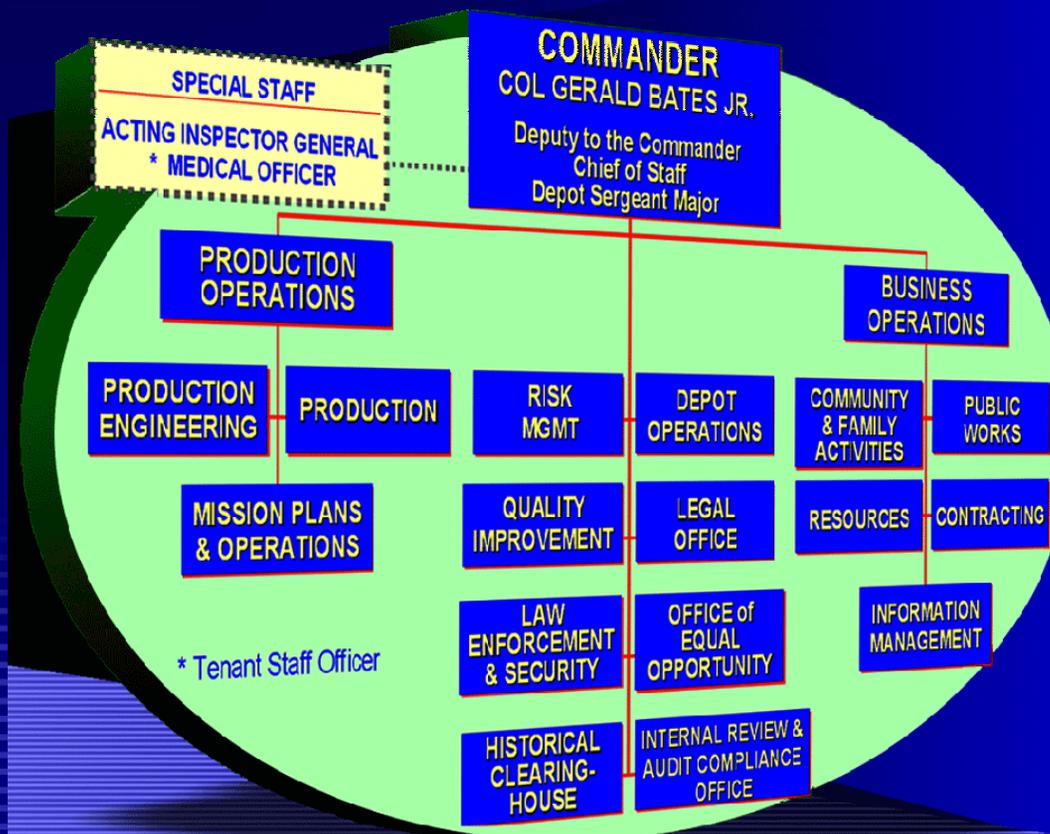
INSTALLATION DESCRIPTION





# Installation Mission Organization & Tenants

INSTALLATION DESCRIPTION



## MAJOR TENANTS

- ◆ Anniston Munitions Center (ANMC)
- ◆ Anniston Chemical Activity (ANCA)
  - ◆ Anniston Chemical Agent Disposal Facility (ANCDF)
- ◆ Defense Distribution Depot Anniston, Alabama (DDAA)
- ◆ Dear Clinic - MEDDAC
- ◆ Defense Reutilization & Marketing Office (DRMO)
- ◆ U. S. Army Center of Military History - Clearing House
- ◆ USA Test, Measurement & Diagnostic Equipment (TMDE) Support Center
- ◆ 722nd Ordnance Company (EOD)
- ◆ Ten Other Tenants



# Mission & Future Focus

## ANAD Mission

- ◆ To Provide Industrial & Technological Support for Current & Future Ground Combat Systems
- ◆ To Equip & Sustain Joint Warfighters & Allies
- ◆ To Employ a Highly Skilled, Ready, & Responsive Workforce
- ◆ To Utilize Innovative, State-of-the-Art Processes & Infrastructure
- ◆ To Maximize Use of Prototypes, Technology Insertion & Partnering Initiatives

## ANAD Future Focus

**We Are...**

Anniston

# AMERICA'S

## COMBAT VEHICLE SUPPORT CENTER

...The Premier DoD Center for  
Industrial & Technical Excellence  
for Current & Future Ground Combat  
Systems

- ◆ Uniquely Vital
- ◆ Technologically Superior
- and* Unconditionally Responsive Worldwide

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M1 Abrams Tank

M88 Recovery Vehicle

# Combat Vehicles



STRYKER

FOX Vehicle



M113 Armored Personnel Carrier

M9 Armored Combat Earthmover

M60 Armored Vehicle Bridge Launcher

AMERICA'S COMBAT VEHICLE SUPPORT CENTER



# Towed & Self Propelled Artillery/Bridges

**70 TON  
BRIDGE**



**MEDIUM  
GIRDER  
BRIDGE**



**M109A6  
SELF PROPELLED  
HOWITZER**



**RIBBON  
BRIDGE**



**M119  
TOWED HOWITZER**



**M198  
TOWED HOWITZER**



**FIELD ARTILLERY  
AMMUNITION SUPPORT VEHICLE**



AMERICA'S COMBAT VEHICLE SUPPORT CENTER



# Department of Defense Small Arms Facility



**M16  
RIFLE**



**M9  
PISTOL**



**M249 SQUAD  
AUTOMATIC  
WEAPON**



**M2  
MACHINE  
GUN**

**MORTAR**



**M230  
CHAIN  
GUN**



**MK19  
GRENADE  
LAUNCHER**

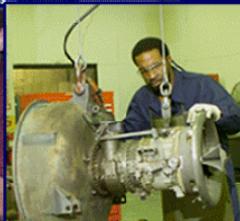
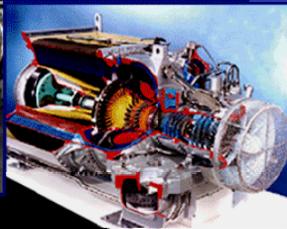
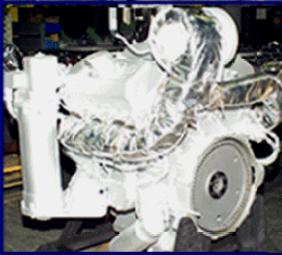
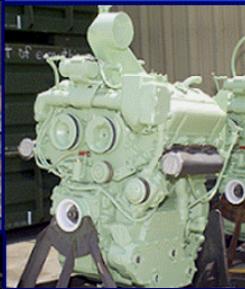
AMERICA'S COMBAT VEHICLE SUPPORT CENTER

**AMERICA'S** COMBAT VEHICLE  
SUPPORT CENTER

COMMITTED TO EXCELLENCE -  
SUPPORTING AMERICA'S WARFIGHTERS

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# Combat Vehicle Component Production



Vehicles/Artillery Sub-Assemblies	Engines	Trans-missions	Final Drives	Hydraulics	Fire Control	Fire Suppression	Recoil/Gun Tube
Stryker	◆	◆	◆	◆	◆	◆	◆
M1 Abrams	◆	◆	◆	◆	◆	◆	◆
M60 FOV	◆	◆	◆	◆	◆	◆	◆
M88 FOV	◆	◆	◆	◆		◆	
M113 FOV	◆	◆	◆	◆		◆	
M9 ACE	◆	◆	◆	◆		◆	
FOX	◆	◆	◆	◆		◆	
FAASV	◆	◆	◆	◆		◆	
Self Propelled M109A6	◆	◆	◆	◆	◆	◆	◆
Towed Howitzer M198					◆		◆
Towed Howitzer M119					◆		◆

**Overhauled at ANAD & Available to Warfighters World-Wide**

**AMERICA'S COMBAT VEHICLE SUPPORT CENTER**

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# Capabilities



**\* Exclusive to Anniston**

## DEPARTMENT OF DEFENSE

- \* 5 Acre Stanley Combat Vehicle Building with Flexible Production Lines including 13 Bridge Cranes from 10 to 60 Tons
- \* Classified Armor Repair Facility
- \* 50 Ft Wide 1.1 Mile Banked High – Speed Combat Vehicle Test Track w/Laser Test Range
- \* Engine Recuperator Repair & Test Facility
- \* DoD Small Arms Storage & Maintenance
- \* DoD Recognized Site For Ground Combat Turbine Overhaul & Test



## ARMY DEPOT MAINTENANCE

- \* Multiple – Systems Capable Workforce
- \* 9 ½" Reinforced Concrete Vehicle Shop Buildings & Roadways
- \* 2 Computer Numerically Controlled Combat Vehicle Machining Centers
- \* 75 – Ton Gantry Crane
- \* Function Firing Range – Up to 8" Ammunition

- ◆ Hot-Start Production Lines
- ◆ Flexible Computer Integrated Manufacturing Facility
- ◆ Materials and Chemical Engineering Labs
- ◆ Rapid Vehicle Prototyping
- ◆ Computerized Dynamometer Test Facility

AMERICA'S COMBAT VEHICLE SUPPORT CENTER

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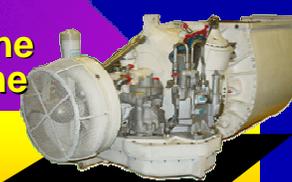


# Full Spectrum Support

*Example:*



APU



Turbine Engine

Engines

Generator  
(11 HP)

6-V  
(275 HP)

8-V  
(400 HP)

1790(12-V)  
(750 HP)

Turbine  
(1500 HP)

Weapons Systems



ARMORED PERSONNEL CARRIER

TOWED HOWITZER

RECOVERY VEHICLE

M60 BRIDGE LAUNCHER

70 TON BRIDGE LAUNCHER

SELF PROPELLED HOWITZER

STRYKER

M1

*Fighter Aircraft/  
Aerospace Technology  
in a  
Ground Combat System*

- ◆ Turbine
- ◆ Electronics
- ◆ Pneudraulics
- ◆ Laser
- ◆ Thermal

Anniston *has the*  
*Infrastructure, Technology*  
*and* **People** *to Perform*

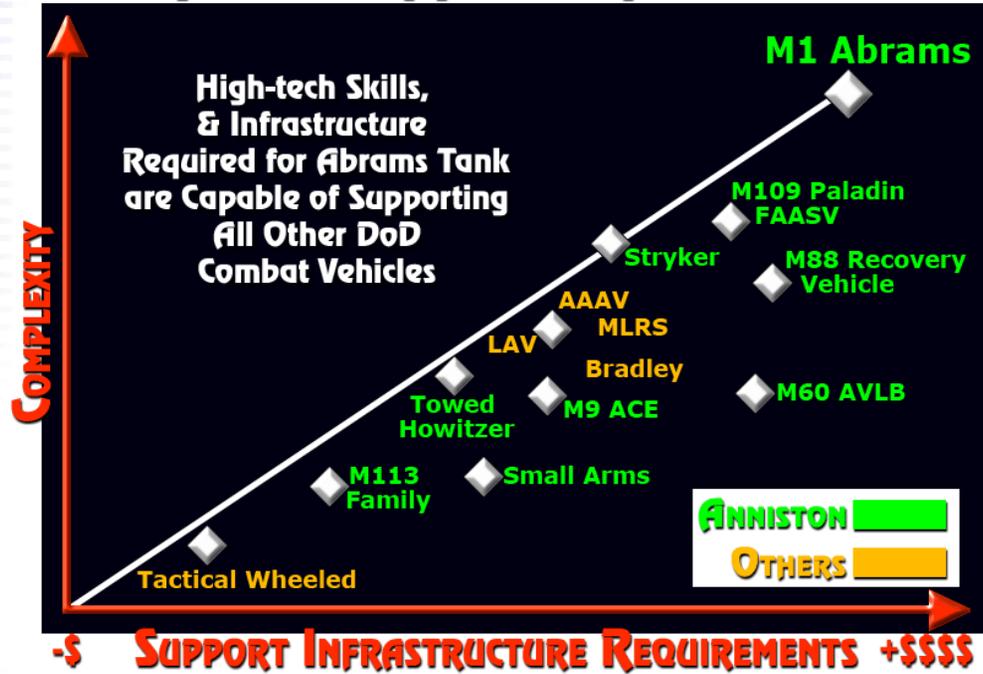
- HEAVIEST TO LIGHTEST
- LARGEST TO SMALLEST
- HIGH TO LOW TECHNOLOGY

*Within the shops of Anniston,*  
a Cadre of Highly Skilled Technicians Are Trained & Exercised Daily  
Across the Full Spectrum of Weapon Systems & Technologies...

**...READY FOR IMMEDIATE DEPLOYMENT &  
CAPABLE OF SUPPORTING THESE DoD COMBAT VEHICLES**

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# System Support Capabilities



# Workforce Demographics

## Special Skills

- ◆ 36 - Small Arms Repairers
- ◆ 159- Certified Ballistic Welders
- ◆ 52 - Pneudraulic Workers
- ◆ 778- Heavy Mobile Equipment Mechanics
- ◆ 243- Machine Tool Operators
- ◆ 23 - Tool and Die Makers
- ◆ 68 - Artillery Repairers
- ◆ 33 - Electro-Optics Repairers
- ◆ 46 - Electronics Mechanics
- ◆ 55 - Electronic Integrated Systems Mechanics
- ◆ 23 - Electroplating Workers
- ◆ 11- Metal Forming Machine Operators
- ◆ 66 - Production Engineering Personnel



- AAAV - Advanced Amphibious Assault Vehicle
- MLRS - Multiple Launch Rocket System
- FAASV - Field Artillery Ammunition Support Vehicle
- AVLB - Armored Vehicle Launched Bridge
- LAV - Light Armored Vehicle



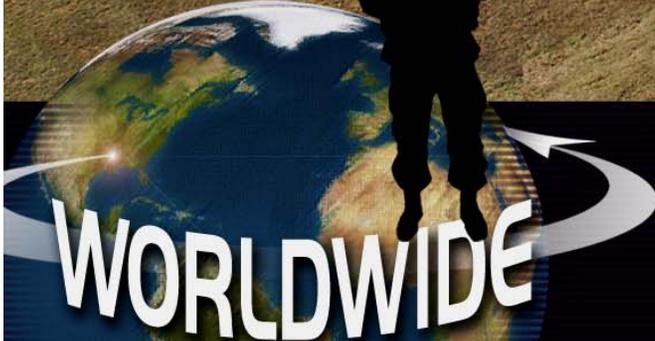


THE PREMIER

# JOINT COMBAT SYSTEM SUPPORT PROVIDER



Total  
Support  
to the  
Joint  
Warfighter



- **UNIQUELY VITAL**
- **TECHNOLOGICALLY SUPERIOR**
- **UNCONDITIONALLY RESPONSIVE**

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# Joint Service Support



Mortar



M249



Pistol



M4



MK19



M16

## Department of Defense Small Arms Overhaul/ Conversion Facility

- ◆ Marine Corps
- ◆ Air Force
- ◆ Navy
- ◆ Army
- ◆ National Guard
- ◆ Army Reserve
- ◆ Foreign Military Sales

# Joint Service Support

United States Air Force (USAF)



United States Navy (USN)



Army Reserve (AR)



United States Marine Corps (USMC)



Total Support To The Joint Warfighter

JOINT SERVICE SUPPORT

National Guard (NG)



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# Joint Service Support



## United States Marine Corps



JOINT Workload (\$M)



Assault Breacher Vehicle (ABV)



M1 Abrams



Maritime Pre-positioning Force

JOINT SERVICE SUPPORT

# Joint Service Support

## Prototype Development Production



**PE** Pearson Engineering

**7** ARSENAL BUSINESS & TECHNOLOGY PARTNERSHIP

JOINT SERVICE SUPPORT

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# Joint Service Support



	ARMY	AF	NAVY	MARINES	NG	FMS	DOHS	FEMA	AR
<b>Combat Vehicles/Artillery</b>									
Stryker	◆								
M1/M60 FOV	◆			◆	◆	◆			
M88 FOV	◆			✓	◆	◆			
M113 FOV	◆				◆	◆			
FOX	◆								
FAASV	◆				◆				
Self Propelled Howitzer	◆				◆				
Towed Howitzer	◆			✓	◆				
Bridges (AVLB, MGB, etc...)	◆			✓	◆	◆			
AVLB Flying Squad	◆				◆				
Other Vehicles/Components	◆			◆	◆	◆			◆
<b>Small Arms</b>									
Pistols	◆	◆		✓	◆	◆			
Rifles	◆	◆		✓	◆	◆			
Machine Guns	◆	◆	◆	◆	◆	◆			◆
Mortars	◆		◆	◆	◆	◆			◆
<b>Rail &amp; Generator</b>									
Locomotives/Rail Equip.	◆	◆	◆						
Generators	◆	◆	◆	◆	◆	◆		◆	◆
<b>Ammunition</b>									
Other	◆	◆	◆	◆	◆	◆	◆	◆	◆

  
**Common Army, U.S. Marine Corps Systems...  
 Prime Opportunities for Future Consolidation**

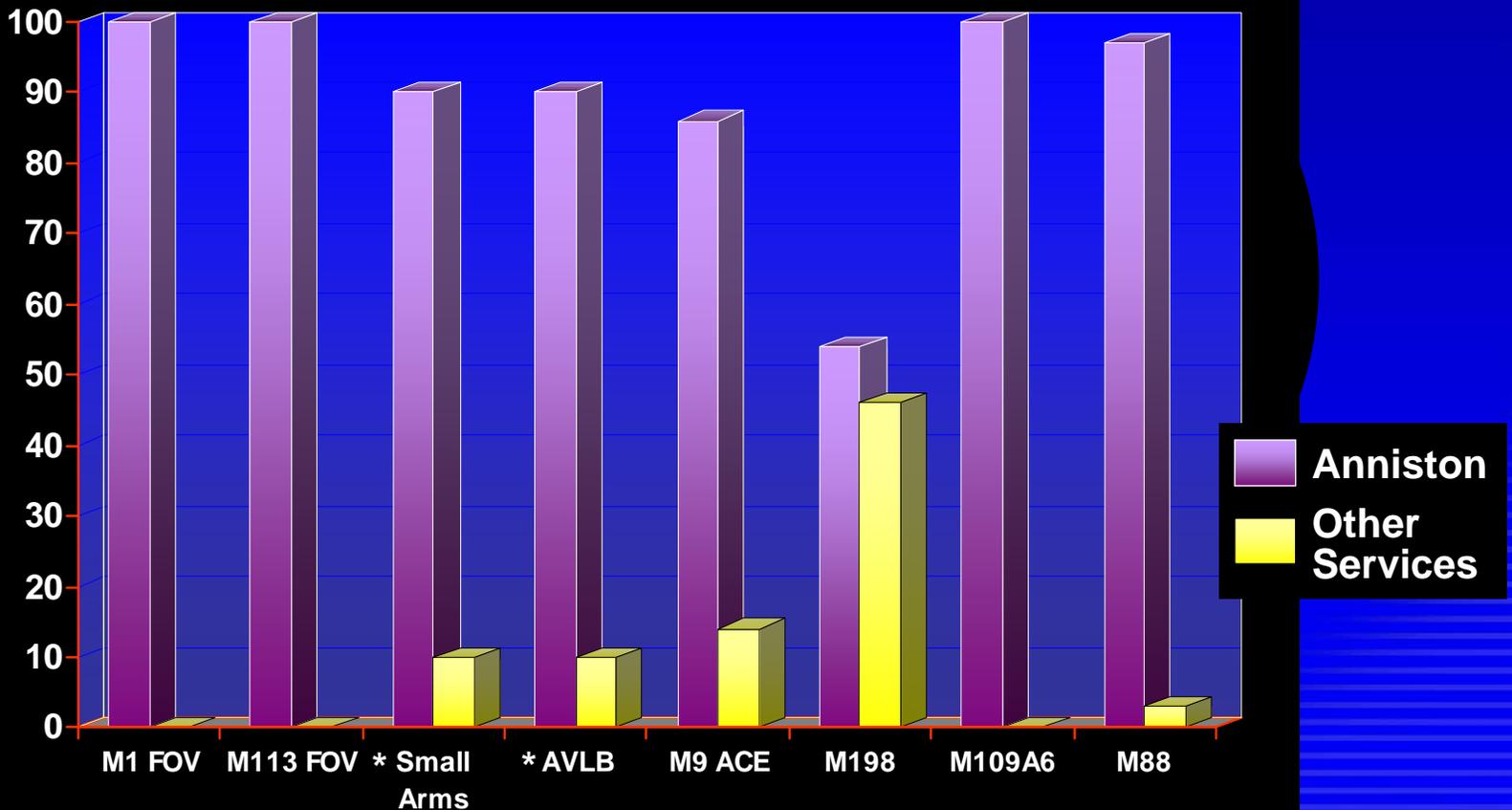
JOINT SERVICE SUPPORT



# Joint Warfighter Support



## Percent of DoD Depot Maintenance Workload Performed by Anniston



\*Information for Small Arms & AVLB is Notional - Actual Data is Being Obtained

JOINT SERVICE SUPPORT



# Joint Service Support



## Defense Generator & Rail Center (DGRC)

### Generator



Only facility of its kind in Department of Defense

- ◆ Only organization that performs all levels of rail equipment maintenance
- ◆ Only facility that provides overhaul & modification of non-tactical generators

Physically Located at Hill Air Force Base

- ◆ Marine Corps
- ◆ Air Force
- ◆ Navy
- ◆ Army
- ◆ Foreign Military Sales
- ◆ Homeland Security/ Federal Emergency Management Agency



### Locomotive

JOINT SERVICE SUPPORT



# America's Combat Vehicle Support Center



## TRANSFORMING

*Our*

Technologies...  
...Capabilities...  
...Processes...  
...Skills &  
...Infrastructure...

...Building  
our  
Master Plan  
for the Future

*To Support... The Future Force!*

SUPPORTING A TRANSFORMING FORCE

Supporting a

# Transforming Force...



Current System  
M1A2



Stryker Combat  
System



Future Combat  
System (FCS)



Technology Insertion

Technology Insertion

Technology Insertion

ANAD Technology and Process Development

SUPPORTING A TRANSFORMING FORCE



Supporting a

# Transforming Force...



## STRYKER

5th Brigade in FY 05  
6th Brigade in FY 06

Currently Providing Protection to the Warfighters in Iraq

- ◆ GDLS/ANAD Co – Production
- ◆ 10 Variants
- ◆ 515 Produced & Tested to Date

\*GDLS = General Dynamics Land System Division

SUPPORTING A TRANSFORMING FORCE



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*Supporting a*

# Transforming Force...



**Future Combat System (FCS)**

## ANAD is Developing Expected FCS Technologies

- ◆ Titanium Welding
- ◆ Composites Repair
- ◆ Hybrid – Electric
- ◆ Wireless Technology
- ◆ Condition Based Maintenance

SUPPORTING A TRANSFORMING FORCE



# Industrial Expansion



## Mission Expansion

*Will Be Within a Superior Infrastructure...*

**Significant Improvements made to ANAD's Infrastructure within the Last Five Years**

- ◆ 74 Miles Fiber Optic Cable
- ◆ 11.5 Miles Road Resurfaced
- ◆ 213 Pieces of Industrial Equipment >\$10k, at a Value of over \$28M
- ◆ 13 Buildings Resided
- ◆ 52 Buildings Roofing Replaced
- ◆ 50 Buildings Improved Lighting
- ◆ 354,475 Sq. Ft. New Buildings Constructed

INDUSTRIAL MISSION EXPANSION CAPABILITIES





# Master Plan

## MCA Projects



	Product #	Description	Cost (in \$ Millions)
<b>FY 05</b>	AN50499	Powertrain/Flexible Maintenance Center	24.00
<b>FY 06</b>	AN60303	High School Co-Op Facility Expansion	0.80
	AN60725	Central Chiller Plant (ECIP)	9.60
	AN60726	Energy Management and Control System (ECIP)	2.35
	AN60727	Emergency & Auxiliary Propane-Air System (ECIP)	0.58
<b>FY 07</b>	AN27259	Industrial Waste Treatment Plant Renovation	12.40
	AN27261	Domestic Waste Treatment Plant Renovation	8.20
	AN55694	Child Development Center	3.50
<b>FY 08</b>	AN56564	General Instruction Building	1.10
	AN57620	Powertrain Transmission Repair Facility	25.60

Approved  
FYDP  
TOTAL  
25.1 Mil

Planned  
TOTAL  
63.03 Mil

ECIP – Energy Conservation Investment Project  
MCA – Military Construction Appropriations

(FYDP – Future Years Defense Plan)



# Industrial Expansion Capabilities



## Military Construction (MCA) Project: Powertrain Facility

<b>Fiscal Year</b>	<b>FY05</b>
<b>Estimated Cost</b>	<b>\$56 Million</b>
	<b>Facility - 24M</b>
	<b>Equipment - 32M</b>
<b>Size</b>	<b>142,000 Sq Ft</b>
<b>Payback</b>	<b>6.6 Yrs</b>

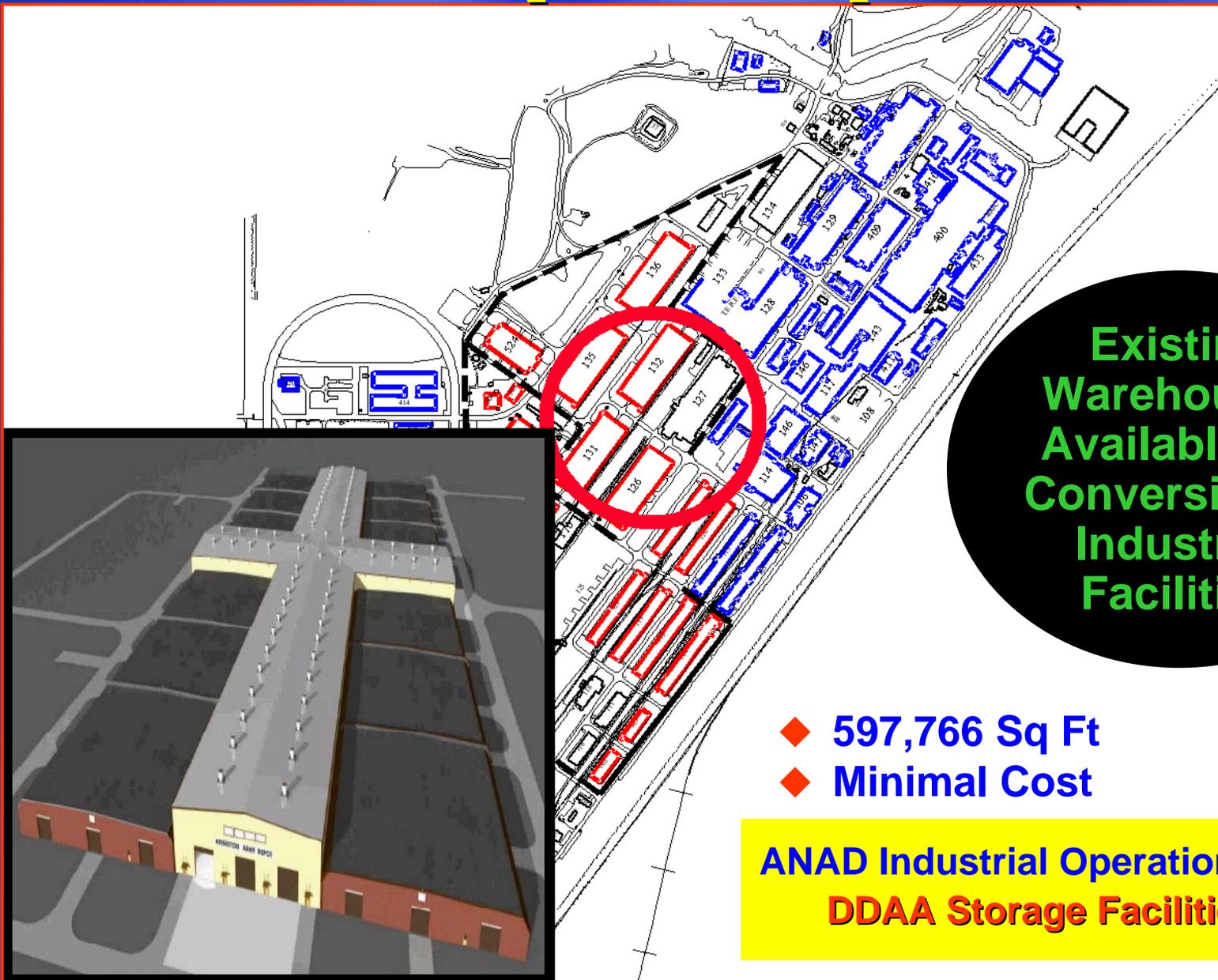


**Upon Completion of the New Powertrain Complex, Existing Facilities Used to Repair Reciprocating Engines Will Be Available for Other Industrial Uses**

INDUSTRIAL MISSION EXPANSION CAPABILITIES

# Industrial Expansion Capabilities

INDUSTRIAL MISSION EXPANSION CAPABILITIES



Existing Warehouses Available for Conversion to Industrial Facilities

- ◆ 597,766 Sq Ft
- ◆ Minimal Cost

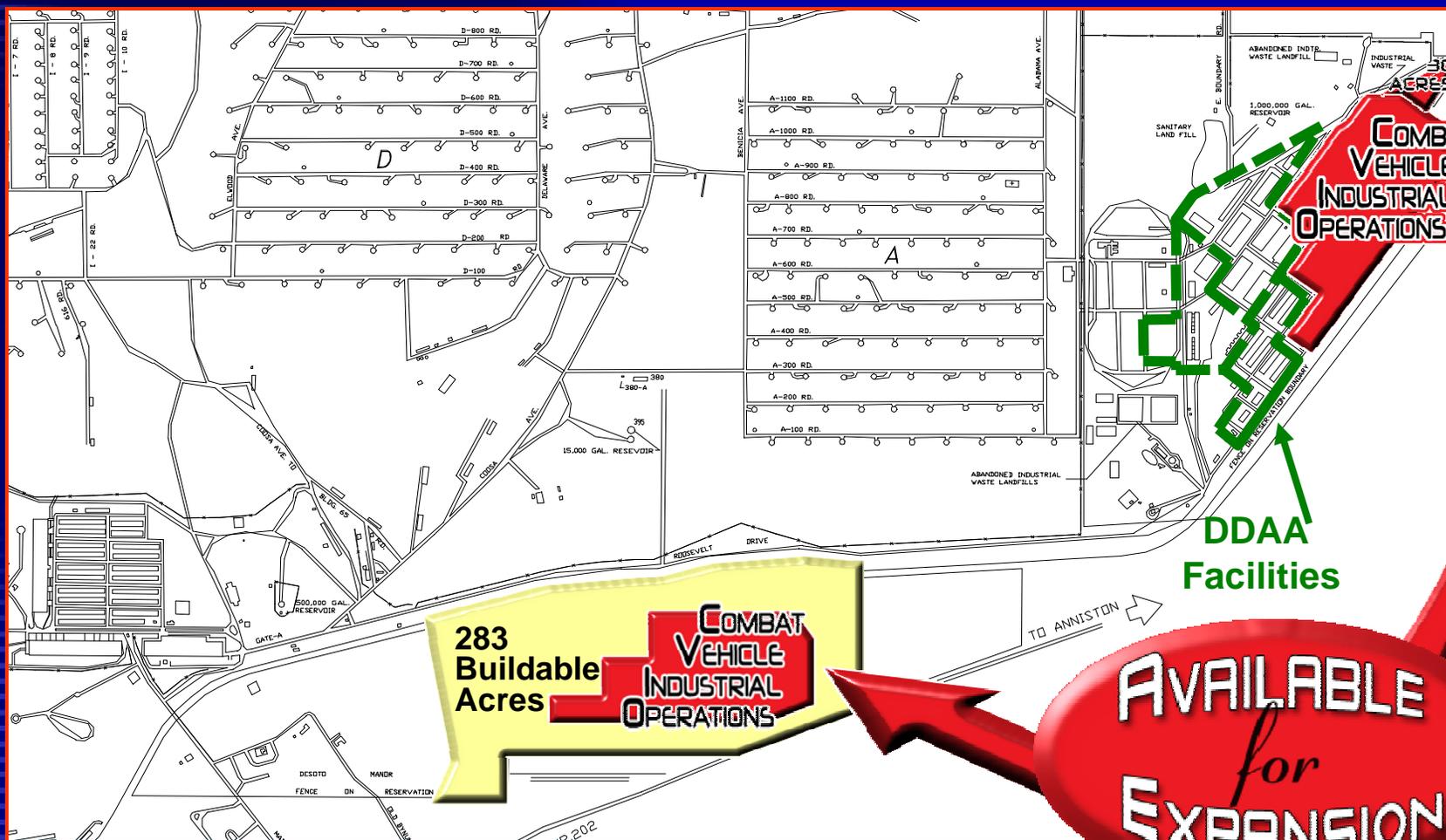
ANAD Industrial Operations

DDAA Storage Facilities



# Industrial Expansion Capabilities

INDUSTRIAL MISSION EXPANSION CAPABILITIES



AVAILABLE  
for  
EXPANSION



# Information Technology

## State-of-the-Art Communications Infrastructure

### BENEFITS of I3MP Fiber Optic Upgrade:

- ◆ 74 Miles of Optic Fiber
- ◆ Fiber Increase from 76 to 139 Buildings
- ◆ 100% Increase in Bandwidth from 500Mb to 1Gb
- ◆ Flexible Expansion
- ◆ Internal / External Intrusion Detection
- ◆ Integration of IDS & Network Management System
- ◆ Real-time Desktop Video Conferencing
- ◆ Commercial Television to Desktop
- ◆ On - line Interactive Training
- ◆ Voice Over IP Capability
- ◆ Scheduled & On - demand Broadcasting
- ◆ Redundant Voice/Data Routing



**Remote DoD  
Customers:  
(Standard Depot  
Systems Support)**

- ◆ Blue Grass Army Depot
- ◆ Rock Island Arsenal
- ◆ Pine Bluff Arsenal
- ◆ Watervliet Arsenal

**Candidate for ARMY PROCESSING CENTER**

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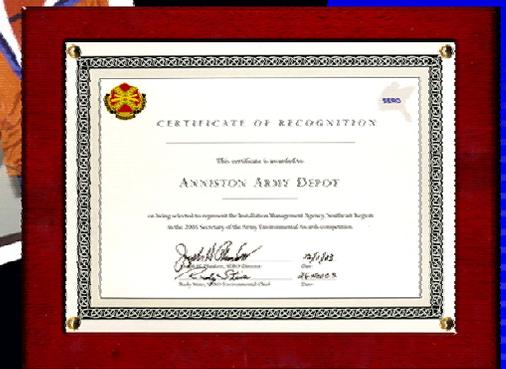
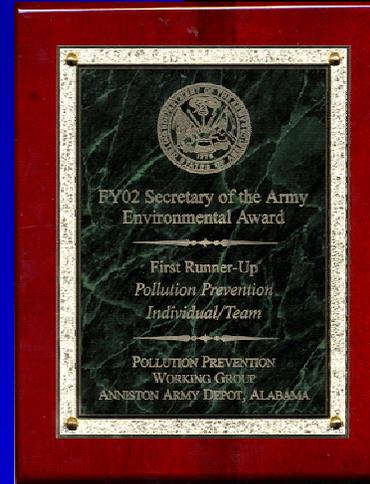
I3MP - Installation Information  
Infrastructure Modernization Program  
IP - Internet Protocol

# Environmental Leadership



FACILITY & ENVIRONMENTAL CONSIDERATIONS

- ◆ 2000 Alabama Department of Environmental Management Director's Award:
  - ◆ Pollution Prevention Award Winner
- ◆ 2002 Secretary of the Army Environmental Awards Program:
  - ◆ Runner-up Pollution Prevention Team Award
- ◆ 2003 Secretary of the Army Environmental Awards Program:
  - ◆ Installation Restoration Award
- ◆ 2003 Secretary of the Army Environmental Awards Program:
  - ◆ Pollution Prevention - Industrial Installation Award



## Environmental Awards

# Environmental Compliance



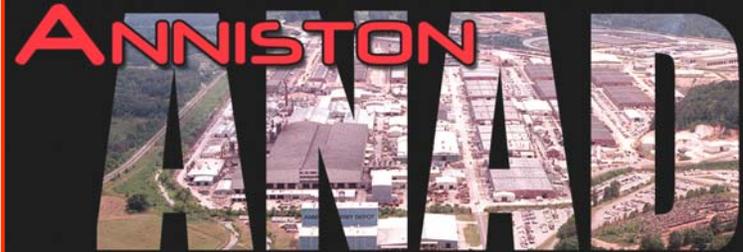
ANAD is Located in an Air Quality Attainment Area

Meets All EPA/ADEM Standards  
Yes No

AIR	X
WATER	X
RCRA	X



\*RCRA – Resource Conservation & Recovery Act



Environmentally Compliant To Operate

**BUT...** Costly to Clean Up

## Environmental Clean-Up



### Groundwater Trichloroethylene (TCE) Clean-Up

- ◆ Superfund Site Since 1989
- ◆ Treating Groundwater Since 1990
- ◆ Contaminated Groundwater Under Industrial Area
- ◆ No Impact on People or Mission

FACILITY & ENVIRONMENTAL CONSIDERATIONS

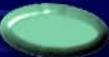
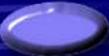
UTILITY	CAPACITY	FY03 USAGE	% OF CAPACITY
POTABLE WATER	UNLIMITED	338 MG	UNLIMITED
ELECTRICAL SYSTEMS	30.0 MVA	14.7 MVA	49.00%
NATURAL GAS	3,650,000 MMBTU	759,428 MMBTU	20.00%
STEAM	3128 Mlb/YR	466 Mlb/YR	15.00%
PLANT AIR	9703 Mcf/YR	1389 Mcf/YR	15.00%
INDUSTRIAL SEWER	226.3 MG	118.3 MG	52.30%

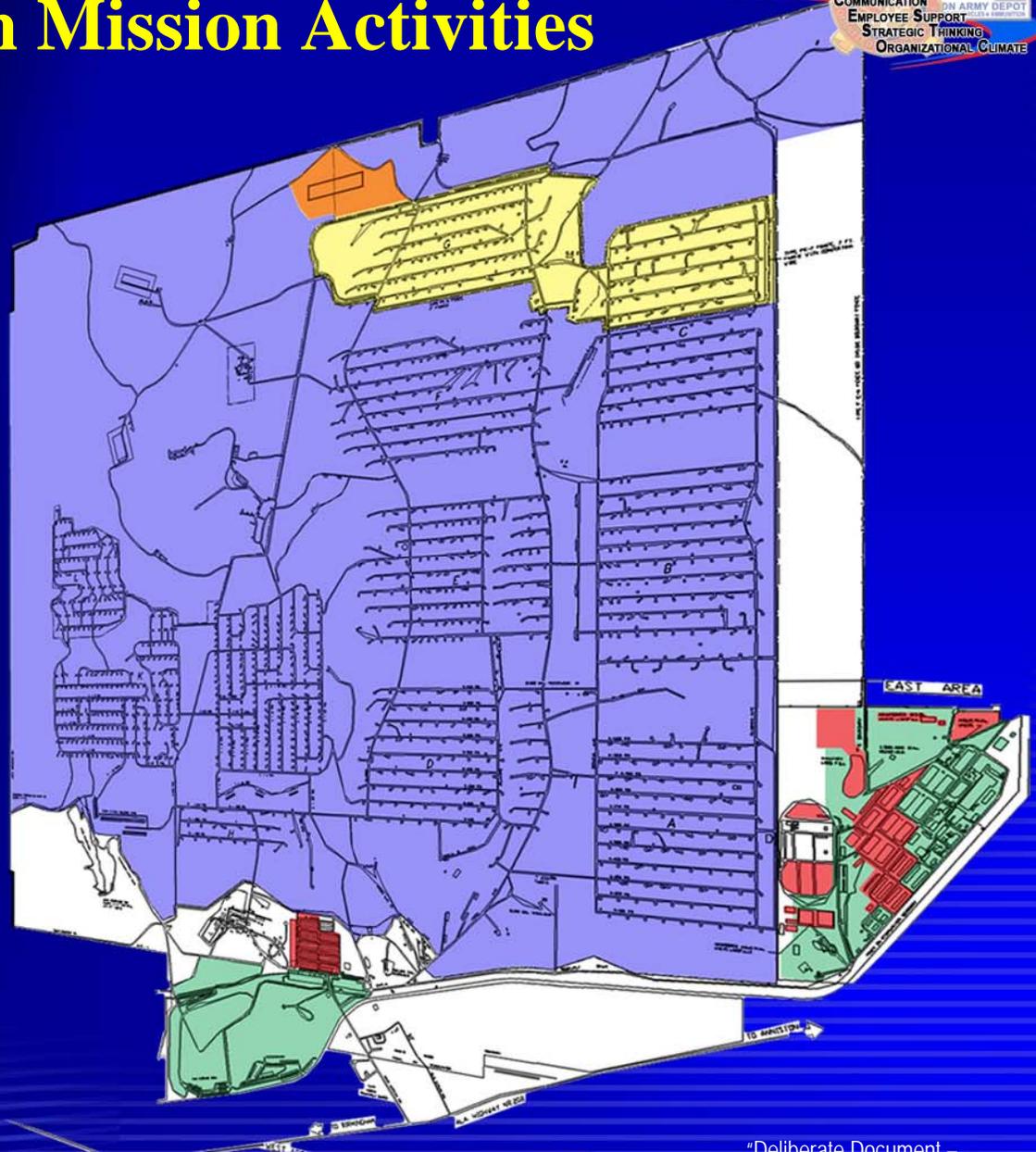


# Installation Mission Activities & Tenants



INTERDEPENDENT MULTI-MISSIONS

-  TACOM-Anniston Army Depot (ANAD)
-  Anniston Chemical Agent Disposal Facility (ANCDF) /Chemical Materials Agency (CMA)
-  Anniston Chemical Activity (ANCA)
-  Anniston Munitions Center (ANMC)
-  Defense Distribution Depot Anniston (DDAA)





# Anniston Munitions Center (ANMC)



## MISSION

- ◆ Receive
- ◆ Inspect
- ◆ Renovate
- ◆ Modify
- ◆ Demilitarize
- ◆ Issue
- ◆ Ship Conventional Ammunition & Missiles

- ◆ DoD's Only Missile Recycling Center

- ◆ Emergency Contingency Stocks Rigged for "Air Drop" for the 75<sup>th</sup> Rangers & the XVIII Airborne Corps

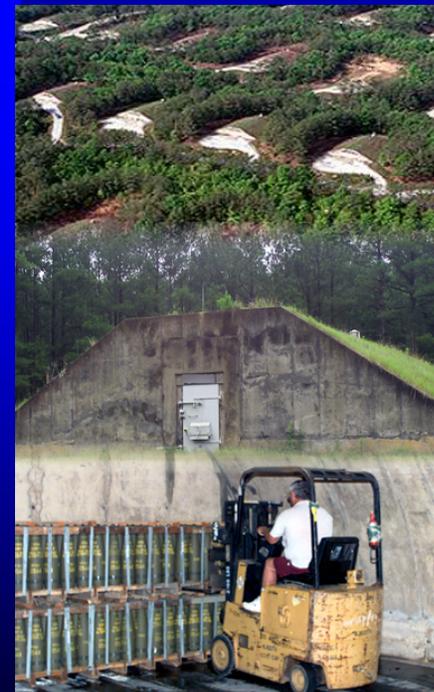
INTERDEPENDENT MULTI-MISSIONS



Marine Corps  
Air Force  
Navy  
Army

## STATS

- ◆ 1124 Ammo Storage Igloos of which:
  - ◆ 478 are Stradley Magazine
  - ◆ 6 Above Ground Magazines
- ◆ 13,160 Acres
- ◆ 110,447 tons of Explosives



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# Anniston Chemical Activity (ANCA)



Chemical  
Materials  
Agency  
(CMA)

INTERDEPENDENT MULTI-MISSIONS

## MISSION

- SAFELY MANAGE, STORE, & DEMIL CHEMICAL STOCKPILE AT ANNISTON ARMY DEPOT
- PREPARE FOR & RESPOND TO CHEMICAL ACCIDENTS/INCIDENTS
- PLAN, MANAGE, & EXECUTE TREATY RESPONSIBILITIES

## STATS

- 155 CHEMICAL STORAGE IGLOOS
- 762 ACRES
- GB NERVE AGENT: 873,020 LBS
- VX NERVE AGENT: 1,657,480 LBS
- MUSTARD AGENT: 1,976,760 LBS



ALL DEPOT MISSIONS BENEFIT FROM ENHANCED CHEMICAL FORCE PROTECTION MEASURES



**Anniston Chemical Agent  
Disposal Facility (ANCDF)**



**Chemical Materials  
Agency (CMA)**



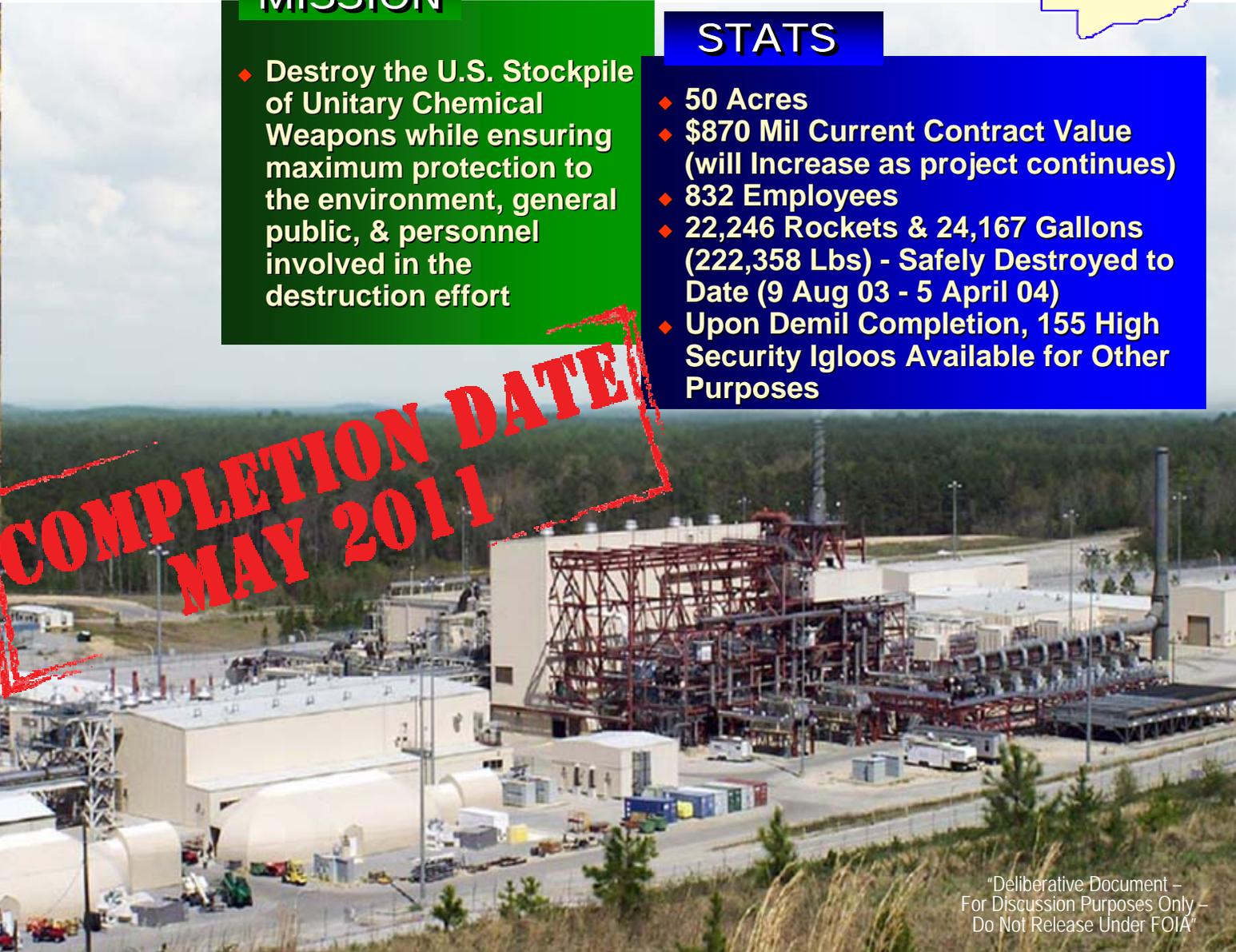
## MISSION

- ◆ Destroy the U.S. Stockpile of Unitary Chemical Weapons while ensuring maximum protection to the environment, general public, & personnel involved in the destruction effort

## STATS

- ◆ 50 Acres
- ◆ \$870 Mil Current Contract Value (will Increase as project continues)
- ◆ 832 Employees
- ◆ 22,246 Rockets & 24,167 Gallons (222,358 Lbs) - Safely Destroyed to Date (9 Aug 03 - 5 April 04)
- ◆ Upon Demil Completion, 155 High Security Igloos Available for Other Purposes

**COMPLETION DATE  
MAY 2011**



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# Interdependencies of Installation Organizations



*...A TOTAL Installation Team Effort... to Remain Successful*

Example:  
Chemical  
Accident/  
Incident  
Response  
Assistance  
(CAIRA)



INTERDEPENDENT MULTI-MISSIONS

COL Bates,  
On – site Initial Response Force Commander

Command	Response Team Members
Anniston Munitions Center	9
Anniston Chemical Activity/ Anniston Chemical Disposal Facility	157
<b>TACOM – ANAD</b>	<b>246</b>
Medical Clinic MEDDAC	17
Westinghouse	5
<b>TOTAL</b>	<b>434</b>

**TACOM – ANAD**  
Plays a vital role in  
Accident/Incident  
Response

# Defense Distribution Depot Anniston, Alabama

(DDAA)



DDAA

## MISSION

- ◆ Supply Support to ANAD
- ◆ Repository & Worldwide Distribution for Department of Defense Small Arms
- ◆ CONUS Depot for World Wide Distribution of Ground Combat & Combat Support Weapons Systems

## STATS

- ◆ Storage Space:
  - ◆ 2.4 Million Covered
  - ◆ 2.9 Million Outside
- ◆ 218 Assigned Strength
- ◆ \$8.6 Billion Inventory
- ◆ 4,300 End Items in Storage
- ◆ 694,000 Weapons in Storage
- ◆ 34,000 National Stock #'s in Storage

INTERDEPENDENT MULTI-MISSIONS



# Other Tenants

**DEAR CLINIC  
MEDICAL ACTIVITY  
(MEDDAC)**



**722ND ORDNANCE  
COMPANY (EOD)**



**U.S. ARMY  
CENTER OF MILITARY HISTORY  
CLEARING HOUSE**



**USA TEST,  
MEASUREMENT &  
DIAGNOSTIC  
EQUIP. (TMDE)  
SUPPORT CENTER**

**DEFENSE REUTILIZATION  
& MARKETING REGIONAL  
OFFICE (DRMO)**



**INTERDEPENDENT MULTI-MISSIONS**



Alabama

Calhoun County



# State & Local Community Relations

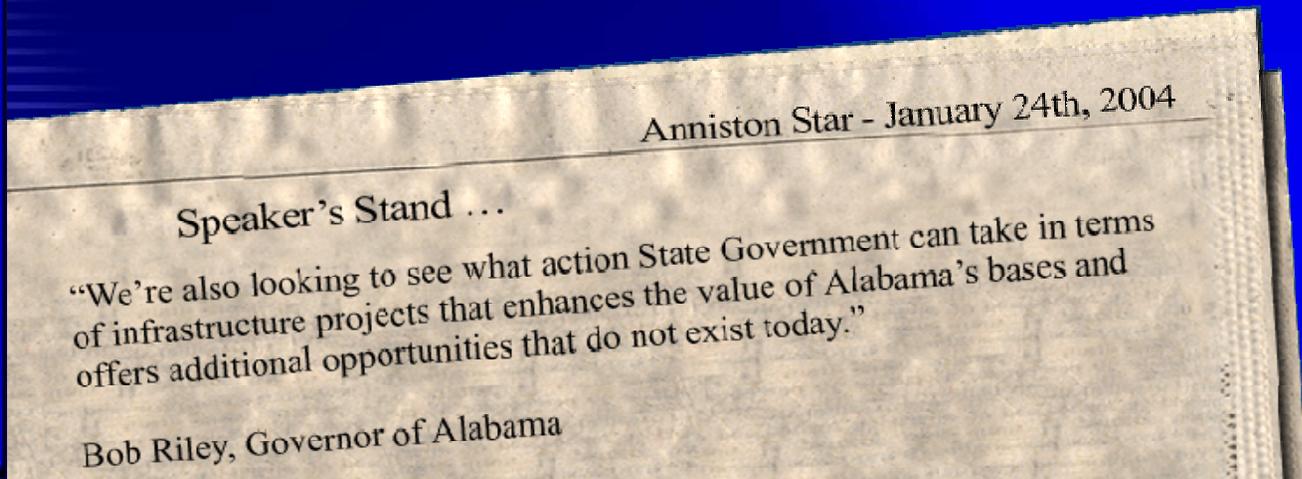


# State Support



- ◆ 5 Lane Road Access to Interstate 20 (almost complete) \$27 Million
- ◆ Co – Op Education Teachers (\$126,173 Annually)
- ◆ Planned 4-Lane of Leatherwood Road for Depot Transportation North – \$25 Million

COMMUNITY RELATIONS



Anniston Star - January 24th, 2004

Speaker's Stand ...

"We're also looking to see what action State Government can take in terms of infrastructure projects that enhances the value of Alabama's bases and offers additional opportunities that do not exist today."

Bob Riley, Governor of Alabama

# Local Community



## Local Support

- ◆ Friends Of The Depot  
Focus: To Improve Depot Military Value
- ◆ Calhoun County Chamber of Commerce
  - ◆ Full Time Military Liaison
  - ◆ Military Affairs Committee
  - ◆ Forward Calhoun County & Economic Development (Defense Focus)
  - ◆ CEO (Public – Private) Defense Roundtable
  - ◆ Commercial & Public Defense Manufacturing Consortium

## Local Expansion Capability

- ◆ Utilities –
  - ◆ Water – Additional 120,000 People
  - ◆ Sewage – Additional 50,000 People
  - ◆ Electrical – Additional 2,000 Homes
- ◆ Schools –
  - ◆ Additional 3,400 Students
- ◆ Homes/Realty –
  - ◆ 1,500 Homes on the Market



COMMUNITY RELATIONS

# ANAD

## Economic Contributions



Economic Impact of ANAD on Calhoun County & Surrounding Counties 2003: Summary

**ANAD is the Largest Employer in a Six County Area**

- ◆ Local Unemployment 5.5%
- ◆ Local Annual Salary \$27k

Contributions	% of Local Economy / Employment	
Total Economic Impact	\$1.1 Billion	11%
Impact on Local Business Property	\$278.6 Million	17%
Impact on Local Employment	18,045	12%
Impact on Local Governments (Net Gain)	\$21.4 Million	
Impact on Financial Institutions	\$96 Million	

COMMUNITY RELATIONS

Prepared by: **JACKSONVILLE STATE UNIVERSITY**  
**Jacksonville State University**



**Largest employers in Calhoun County**

1 - Anniston Army Depot	5,300*
2 - Regional Medical Center	1,400
3 - Calhoun County Schools	1,350
4 - Jacksonville State Univ.	979
5 - Springs American Bus Ind.	700
6 - Werner Co.	650
8 - Stringfellow Hospital	650
9 - United Defense, L.P.	430
10 - Lee Brass Co.	425
11 - Boston Sealing	400
12 - Calhoun County Chamber of Commerce, preliminary numbers, Feb. 19, 2004.	400

\*Includes tenants and contractors.  
 \*David Pope/The Anniston Star

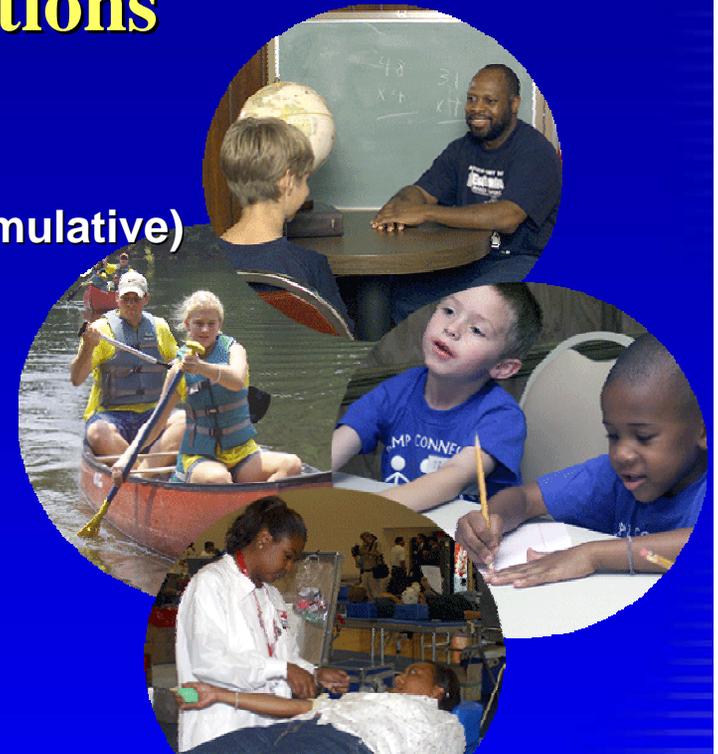
# Support to the Community

## ANAD – Other Contributions



COMMUNITY RELATIONS

- ◆ State's Largest Blood Donor – 14,250 Gallons (Cumulative)
- ◆ State's Largest Aphaeresis Donor
- ◆ Combined Federal Campaign (CFC) Contributions  
FY02 & FY03: Over \$322,000.00
- ◆ Christmas Cheer FY03: \$32,000.00 in Donations,  
Along With Over 8,000 Lbs. of Food & Clothing
- ◆ 58 Depot Grade School Mentors
- ◆ Adopt-a-school – Coldwater Elementary
- ◆ 212 Local Area Co – Op Students Since FY97
- ◆ United Way "Day of Caring"
- ◆ Award Winning Disabled Employer  
Government & Contractor
- ◆ Camp Connection
- ◆ Army Emergency Relief Fund
- ◆ Summer Hire Program





# Reserve Component Support



## Ft. McClellan & Pelham Range

Anniston provides personnel support to Title V Civilians at the Alabama National Guard Training Center

*as well as:*

- ◆ Equal Employment Opportunity
- ◆ Legal
- ◆ Compensation
- ◆ Morale, Welfare & Recreation
- ◆ Memorandum of Agreement with Alabama National Guard for Storage of Ammunition



JOINT SERVICE SUPPORT

147 NG Soldiers received Supply & Maintenance Training During the Past Year

# Homeland Security Support



## Center of Domestic Preparedness

- ◆ Located 10 miles from ANAD
- ◆ Chemical Accident / Incident Exercise Monitors
- ◆ Memorandum of Agreement for Mutual Support

JOINT SERVICE SUPPORT

AMERICA'S COMBAT VEHICLE  
SUPPORT CENTER

COMMITTED TO EXCELLENCE -  
SUPPORTING AMERICA'S WARFIGHTERS

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# HIGH PERFORMANCE



# and INNOVATIVE BUSINESS PRACTICES



INNOVATIVE BUSINESS PRACTICES



# Workforce Revitalization



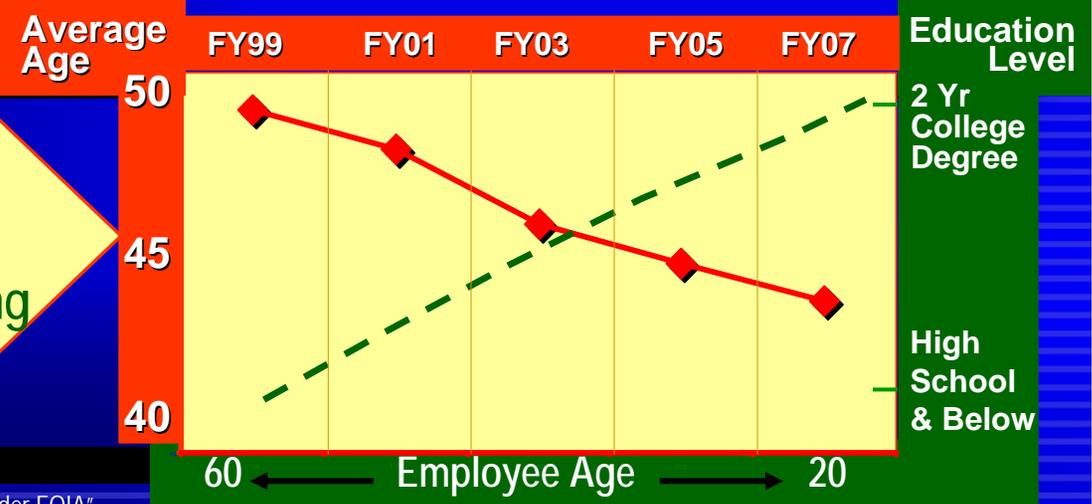
- ◆ On-Site Technical Education
- ◆ 70% of Students Received Technical College Scholarships
- ◆ 212 Students Now in Training or Full Time Employees
- ◆ 47 High Schools and 2 Technical Colleges In a 35 Mile Radius
- ◆ 5 State & 2 National Competition Winners
- ◆ 12 Students currently enrolled in the University Program
- ◆ 1,541 New Hires Since 2000



**Mercedes  
Co-Op Program  
Modeled after ANAD**

*Bottom  
Line...*

**ANAD Workforce  
Average age is falling  
while  
Education Level is Climbing**



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# Mission Performance & Efficiencies

FY	Workload (Million Work-Hours)		Net Operation Results (Profit)
	Planned	Actual	
2001	2.126	2.488	\$ 14.3M
2002	2.602	2.744	\$ 35.5M
2003	2.888	3.222	\$ 39.1M
<b>TOTAL</b>			<b>\$ 88.9M</b>

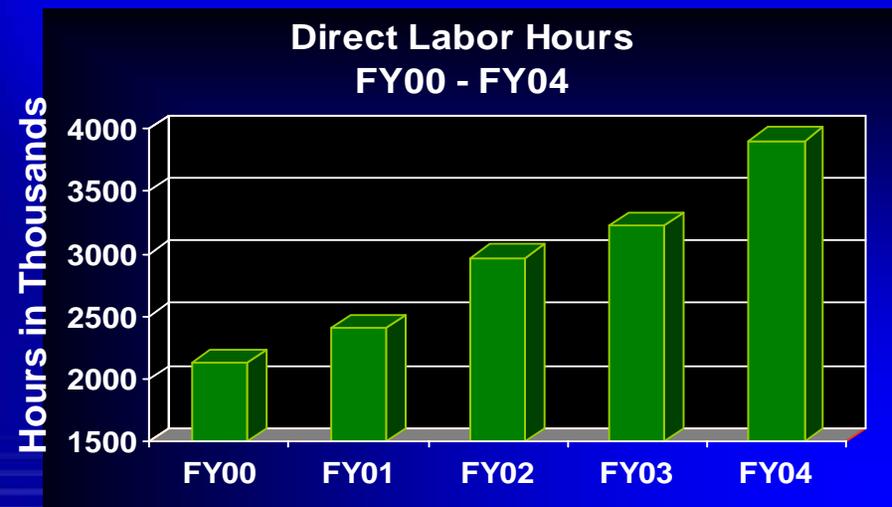
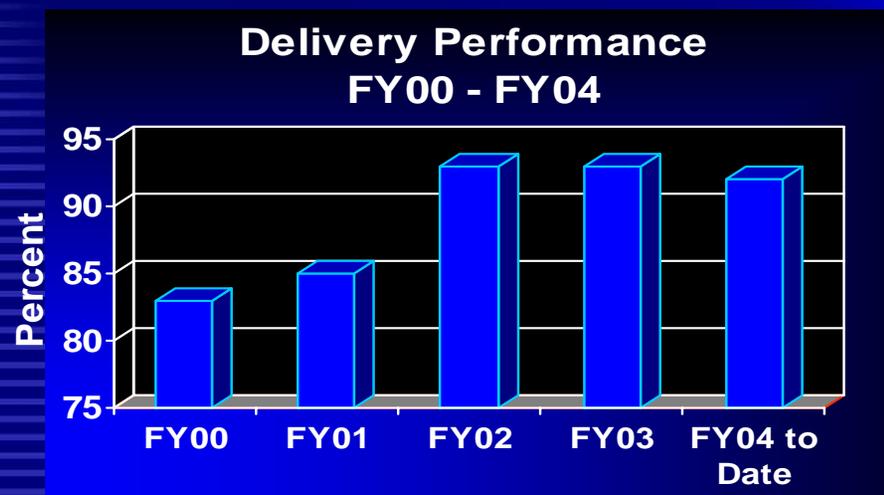
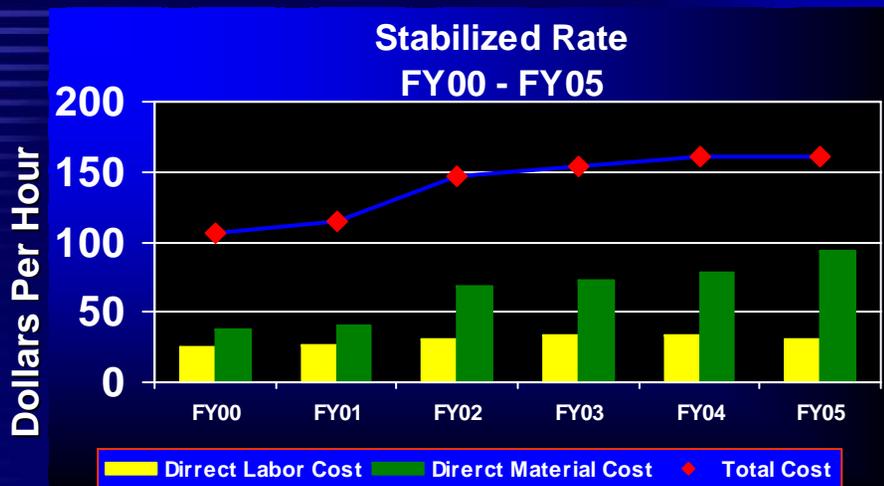
INNOVATIVE BUSINESS PRACTICES

All Profits Returned to Customer Through Reduction in Future Year Rates

# ANAD

## Business Metrics

Quality, Cost, Delivery





# Enterprise Excellence Efforts



INNOVATIVE BUSINESS PRACTICES

- ◆ Began First Value Stream May 2002
- ◆ All Depot Value Streams / Processes Involved
- ◆ 95 Rapid Improvement Events / 487 Team Members / 1,095 Employee Participants
- ◆ 15% Improvement in Labor Efficiency
- ◆ 7% Improvement in Total Cost
- ◆ Total Customer Savings for FY05 will be \$14.6 million

# Public-Private Partnering



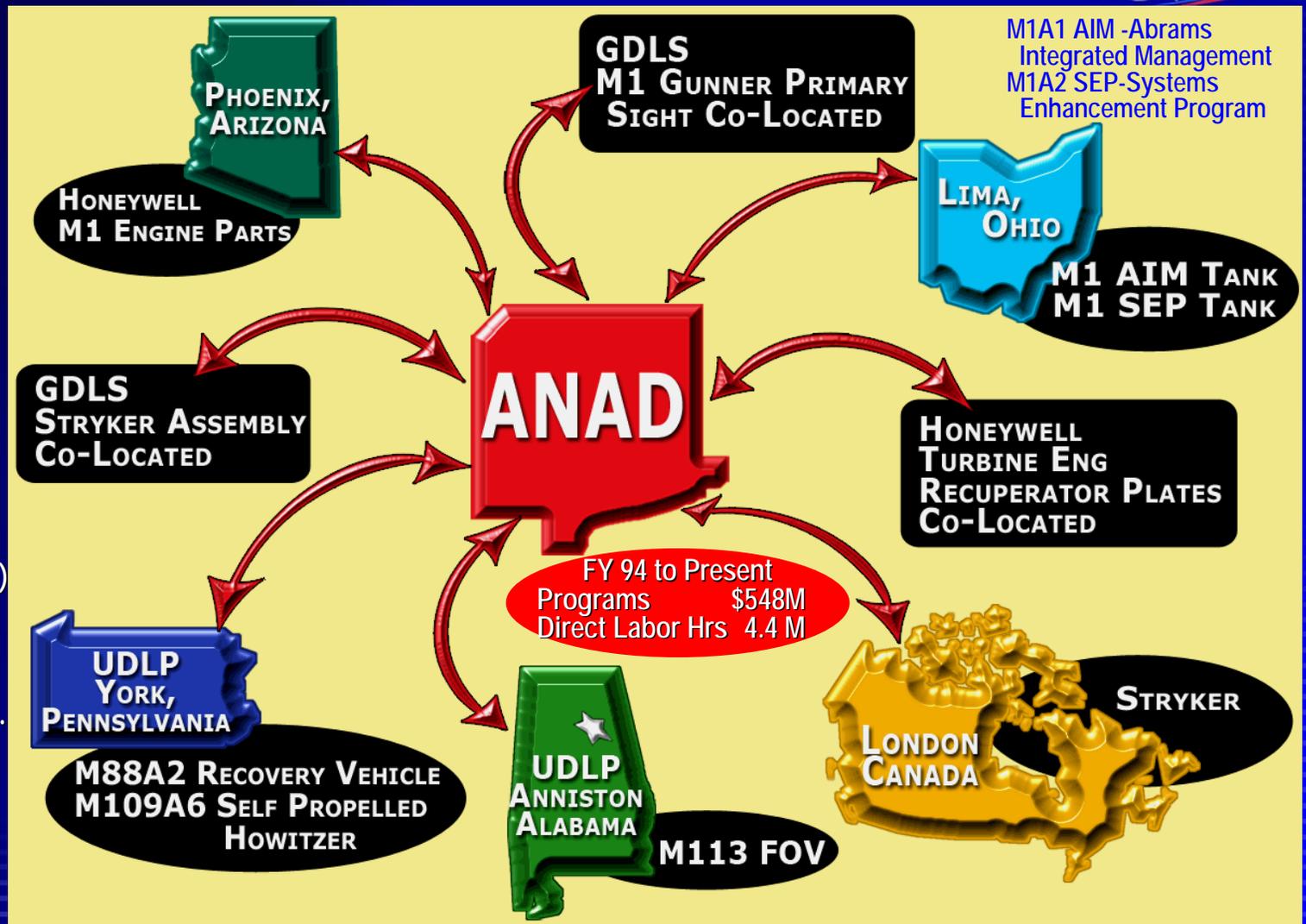
"Anniston Army Depot... a key and critical asset" (GDLS)

"Anniston Army Depot and UDLP complement each other" (UDLP-Anniston)

"This Success Is Directly Related to Our Co-location with Our Army Customer" (Honeywell Anniston FY03-Top Performing Site)

Recognized as the Department of Defense Leader in Partnering...

**Anniston is the Hub of the Public - Private Industrial Network that Supports... AMERICA'S COMBAT VEHICLES**



"Anniston Army Depot is the DoD Leader in Partnerships"  
GAO-03-423 Defense Depot Maintenance Report

# High Performance & Innovative Business Practices

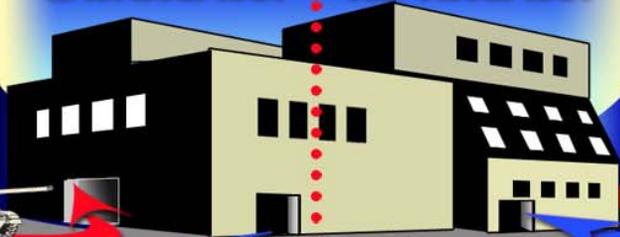
## Combining Process Optimization & Partnership Efforts



**ANAD**  
**COMBAT VEHICLE FACILITY**  
DISASSEMBLY - RE-ASSEMBLY

**NEW M1 TANK**  
Leaves  
Overhaul Process

M1 Tank Enters  
Overhaul Process



**ANAD**  
**TURBINE ENGINE SHOP**  
96,886 Sq Ft  
\$4.6 MILLION INVESTMENT

New/Overhaul  
M1 Turbine Engine

Used/Worn  
M1 Turbine Engine

96,886 Sq Ft  
\$4.6 MILLION INVESTMENT



**HONEYWELL**  
**RECUPERATOR**  
**MANUFACTURING FACILITY**

30,000 Sq Ft FACILITY  
\$7 MILLION INVESTMENT

Co-LOCATED,  
7.5 MIL COST SAVINGS  
SINCE 1998

Parts  
Including Kitting On-Site

**Honeywell**

Recuperator  
Plates

600 FT



Turbine  
Engine  
Overhaul is an  
Integral Part of  
the M1 Tank Overhaul  
Process at ANAD!

INNOVATIVE BUSINESS PRACTICES



High Performance & Innovative Business Practices



# Mobilization & Forward Support

## Preparing to Deploy

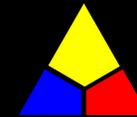


## Depot Forward (Kuwait / Iraq)



- ◆ Component Overhaul
- ◆ HMMWV Service Center
- ◆ HMMWV Survivability Kits
- ◆ 88 Civilian Soldiers to Date

## Depot Forward (Ft. Knox)



US Army Armor Center,  
Fort Knox, KY



INNOVATIVE BUSINESS PRACTICES

## RESET

M113	_____	33
M1	_____	10
M109	_____	20
M88	_____	31
M9ACE	_____	9
FAASV	_____	31
AVLB	_____	15
Various Small Arms	_____	46,223

## Combat Vehicles





High Performance & Innovative Business Practices



# HMMWV Armored Door Project... ...A Direct Connection from Anniston to Iraq



UNITED STATES ARMY  
THE CHIEF OF STAFF  
January 26, 2004

Memorandum from United States Army "The Chief of Staff"

"The work of the Department of the Army civilians at Anniston Army Depot is exemplary... I am inspired by their efforts, which are saving lives every day."

All the best,  
*Peter J. Schoomaker*  
Peter J. Schoomaker  
General, United States Army

- QUICK RESPONSE
- HIGH QUALITY

**AMERICA'S** COMBAT VEHICLE SUPPORT CENTER

COMMITTED TO EXCELLENCE -  
SUPPORTING AMERICA'S WARFIGHTERS

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# Conclusion: ANAD



TOWED & SELF-PROPELLED ARTILLERY



SMALL ARMS



COMBAT VEHICLES

- ◆ ANAD a Multi-Mission Installation
- ◆ America's Combat Vehicle Support Center
- ◆ Excellent Joint Service Support
- ◆ Supporting a Transforming Force
- ◆ Innovative Business Practices

Anniston Army Depot...

The Engine That Drives The Economy For North Central Alabama

...Performing Critical DoD Missions

"Proud of the Past ...  
*While...*  
Defining Our Future"

TRANSFORMING