DCN 5251

TOBYHANNA ARMY DEPOT

EXCELLENCE IN ELECTRONICS

Library Routing Slip 2005 BRAC Commission Materials

Title of Item: Tobyhanna Briefing

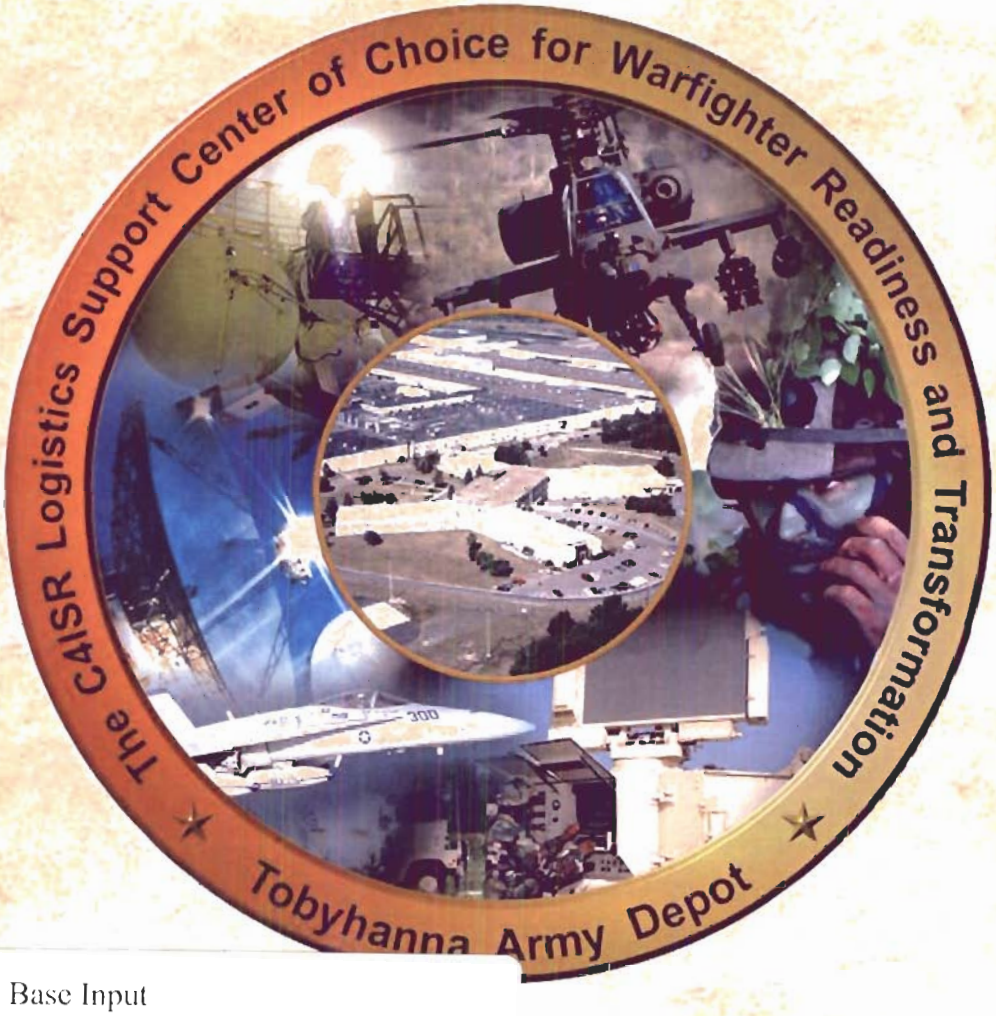
Installation or Community: Tobyhanna Army Depot

Source: Tobyhanna (Installation)

Certified Material? _____ yes ✓ no

Analyst / Provider: Liz Bieri Date Received: 6/10/05

Mr. George Delgado
BRAC Commission Staffer



103-06A – A16 – Base Input
Army – Tobyhanna Army Depot – PA
BRAC COMMISSION – FY 2005
COFF:_____ DISPOSITION: Permanent

Tobyhanna Army Depot

Command Perspectives

presented to

Ms. Elizabeth Bieri

Mr. George Delgado

BRAC Commission Staff

TOBYHANNA ARMY DEPOT

Outline:

- Mission
- Installation
- People
- Future

TOBYHANNA ARMY DEPOT

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Tobyhanna Army Depot

Mission: Sustain and Integrate Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) Systems for the Joint Warfighter

- C4ISR Maintenance, Repair, and Overhaul
  - DoD's Only Joint C4ISR Depot
- 28 Forward Repair Sites (9 in Southwest Asia)
- High Tech Regional Training Center

TOBYHANNA ARMY DEPOT

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Joint Electronics Designations

Army
Center of Industrial and Technical Excellence for Communications and Electronics, Avionics, and Missile Guidance and Control

Air Force
Technology Repair Center for Command, Control, Communications, and Intelligence

Supporting Today's Joint Warfighter

TOBYHANNA ARMY DEPOT

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Tobyhanna Army Depot
The Installation

TOBYHANNA ARMY DEPOT

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Mission Complex

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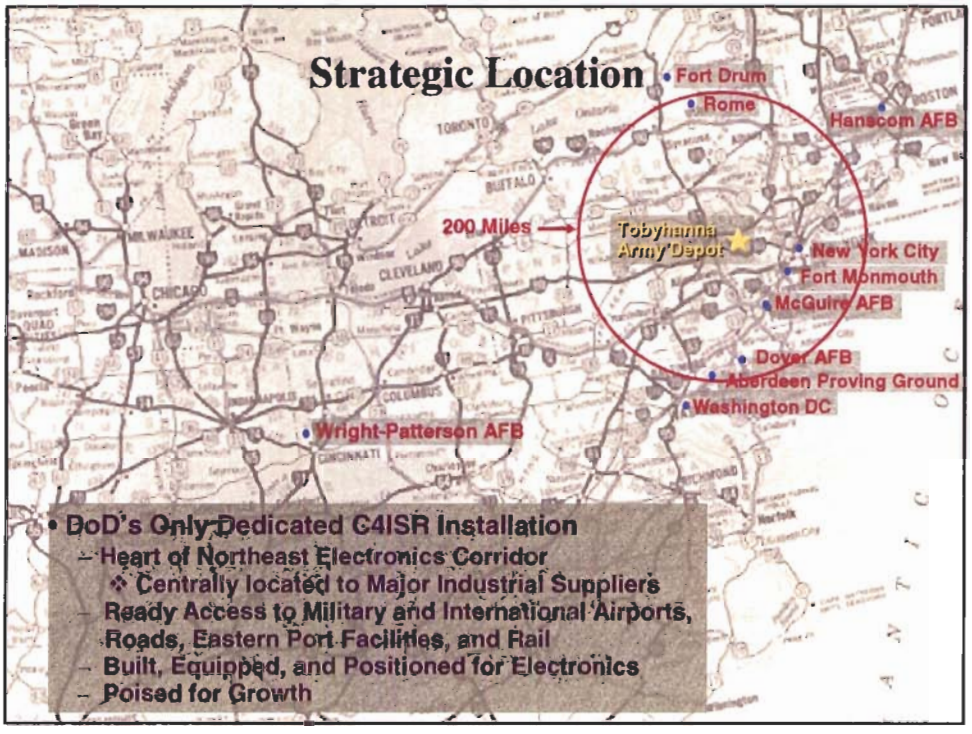
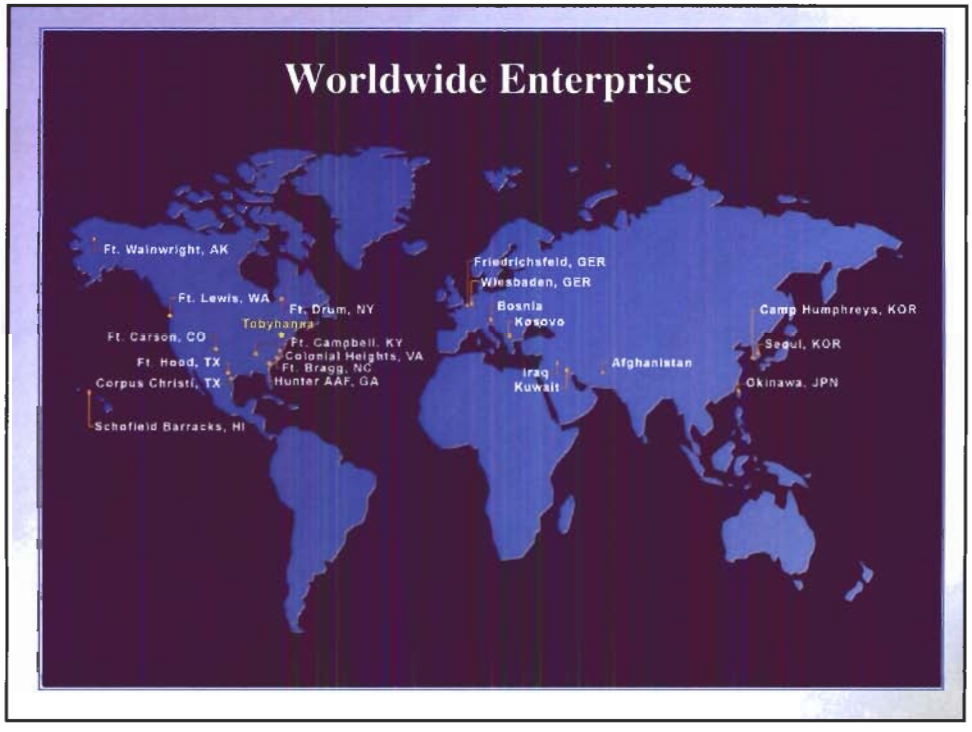
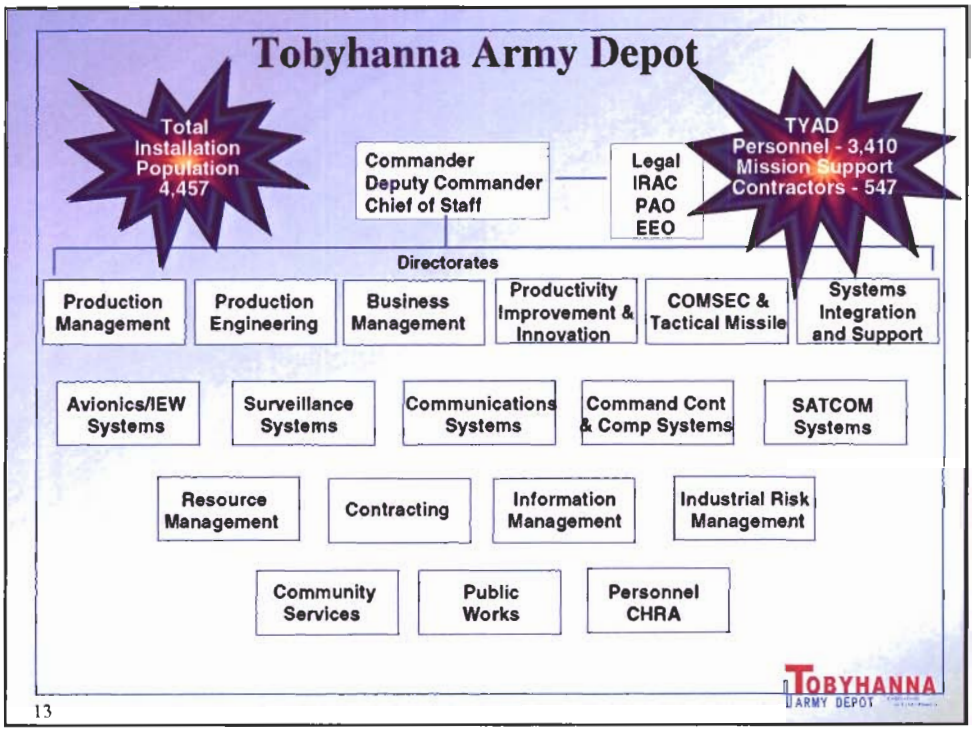

Strategic Location
Fort Drum
Rome
Hanscom AFB
200 Miles
Tobyhanna Army Depot
New York City
Fort Monmouth
McGuire AFB
Dover AFB
Aberdeen Proving Ground
Washington DC
Wright-Patterson AFB
• DoD's Only Dedicated C4ISR Installation
– Heart of Northeast Electronics Corridor
❖ Centrally located to Major Industrial Suppliers
– Ready Access to Military and International Airports, Roads, Eastern Port Facilities, and Rail
– Built, Equipped, and Positioned for Electronics
– Poised for Growth


Worldwide Enterprise
Ft. Wainwright, AK
Ft. Lewis, WA
Ft. Drum, NY
Tobyhanna
Ft. Carson, CO
Ft. Campbell, KY
Colonial Heights, VA
Ft. Hood, TX
Ft. Bragg, NC
Corpus Christi, TX
Hunter AAF, GA
Schofield Barracks, HI
Friedrichsfeld, GER
Wiesbaden, GER
Bosnia
Kosovo
Iraq
Kuwait
Afghanistan
Camp Humphreys, KOR
Seoul, KOR
Okinawa, JPN


Tobyhanna Army Depot
Total Installation Population 4,457
Commander
Deputy Commander
Chief of Staff
Legal
IRAC
PAO
EEO
TYAD Personnel - 3,410
Mission Support Contractors - 547
Directorates
Production Management
Production Engineering
Business Management
Productivity Improvement & Innovation
COMSEC & Tactical Missile
Systems Integration and Support
Avionics/IEW Systems
Surveillance Systems
Communications Systems
Command Cont & Comp Systems
SATCOM Systems
Resource Management
Contracting
Information Management
Industrial Risk Management
Community Services
Public Works
Personnel CHRA
TOBYHANNA ARMY DEPOT
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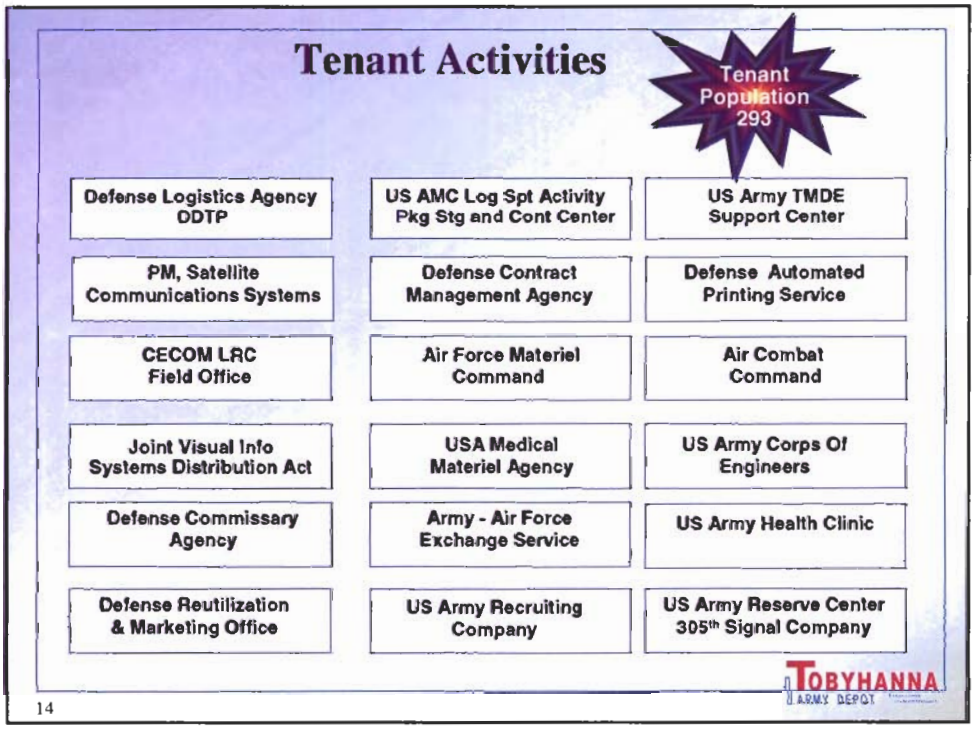
Tenant Activities
Tenant Population 293
Defense Logistics Agency DDTP
US AMC Log Spt Activity Pkg Stg and Cont Center
US Army TMDE Support Center
PM, Satellite Communications Systems
Defense Contract Management Agency
Defense Automated Printing Service
CECOM LRC Field Office
Air Force Materiel Command
Air Combat Command
Joint Visual Info Systems Distribution Act
USA Medical Materiel Agency
US Army Corps Of Engineers
Defense Commissary Agency
Army - Air Force Exchange Service
US Army Health Clinic
Defense Reutilization & Marketing Office
US Army Recruiting Company
US Army Reserve Center 305th Signal Company
TOBYHANNA ARMY DEPOT
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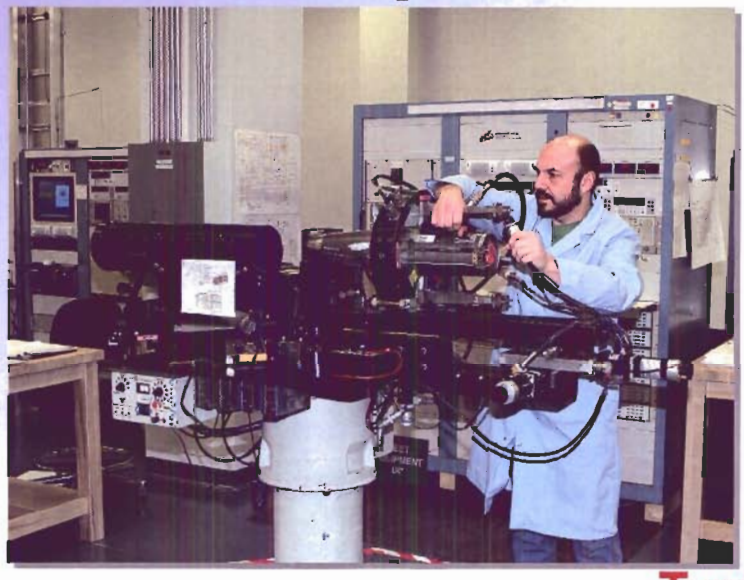
Our People



TOBYHANNA ARMY DEPOT

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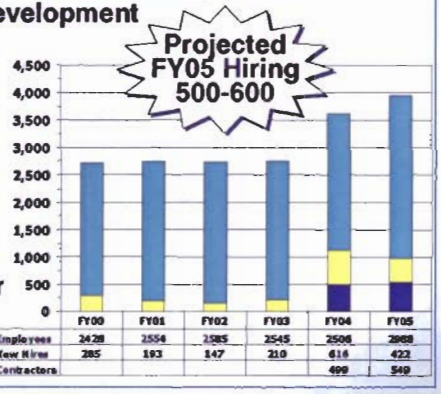
Workforce Demographics

- 16 Years Experience
- Veterans - 47%
- GS - 35% / WG - 65%
- 47% - WG-2600 Series- Electronics Positions
- Average Salary - $45,000
- N.E. PA Average Salary - $29,000
- Largest Employer in N.E. PA - 4,457
- Annual Regional Economic Impact - $1 Billion
- Regional Jobs Supported - 7,327

Workforce Revitalization

- $4-5M Annual Training Investment
- Cooperative Education Program
  - Electronics, Engineering, Industrial Support, Industrial Risk Management, Business Management
- Twelve area College and University partnerships support TYAD technical and professional development
- 1st DOL Certified Electronics Apprentice Program in DoD
- Ladder Program
- Mentor Program
- Workforce Recruitment Program for College Students with Disabilities



Workforce Revitalization

Ryan Stephenson, Electronics Mechanic
Technical Training: A.A.S, Electronics Technology (Honors)
Johnson College, Scranton, Pa
Technical Experience: 4 years
Systems/Projects Worked:
- AN/APX-72 IFF Transponder
- AN/APM-421 Transponder Test Set
- AN/APM-482 Automated Central Test Group
- AN/APM-239 Radar Test Set
- TS-1843 Test Set

Douglas French, Electronic Integrated Systems Mechanic
Air Force Veteran
Crew Chief EC-121 Aircraft
Navigational Aids
Technical Training: Air Force Technical School
Keesler AFB, Mississippi
Technical Experience: 34 years
Systems/Projects Worked:
- AN/GPN-12 Radar
- AN/MPN-14 Air Force Landing Control Central
- AN/MPN-7 & 8 Instrument Landing System
- AN/GRN-20 Tactical Air Navigational System
- AN/FPN-62 and 63 Precision Approach Radar

TOBYHANNA ARMY DEPOT

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REPAIR/
OVERHAUL
SYSTEMS
INTEGRATION
MANUFACTURING
TOBYHANNA
ARMY DEPOT
SUSTAINMENT
SUPPORT
EXPEDITIONARY
LOGISTICS
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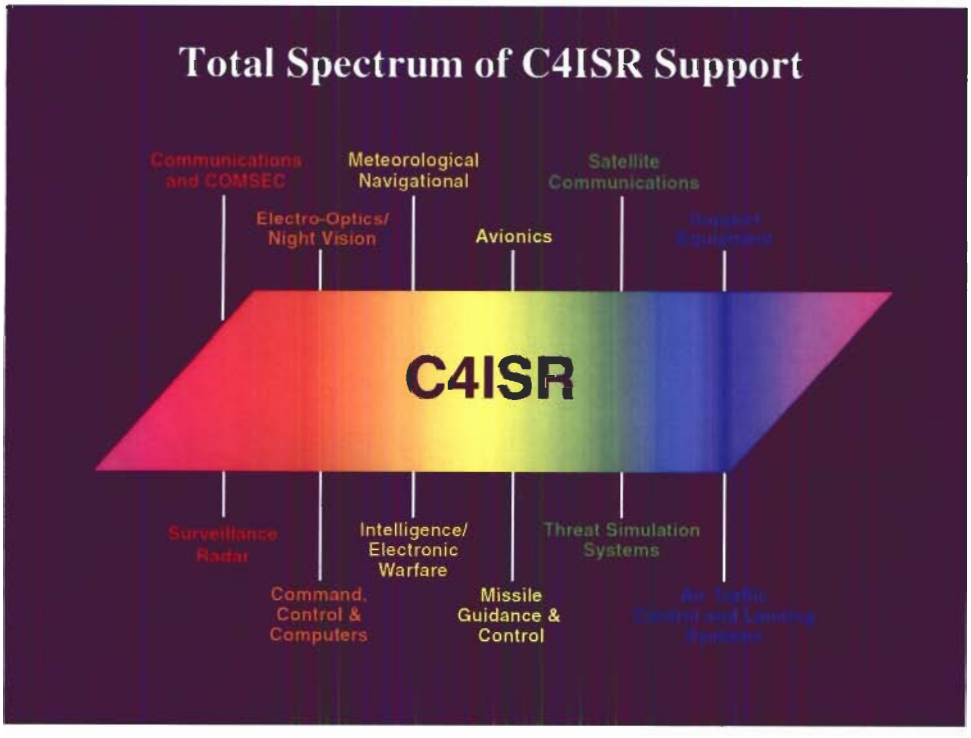
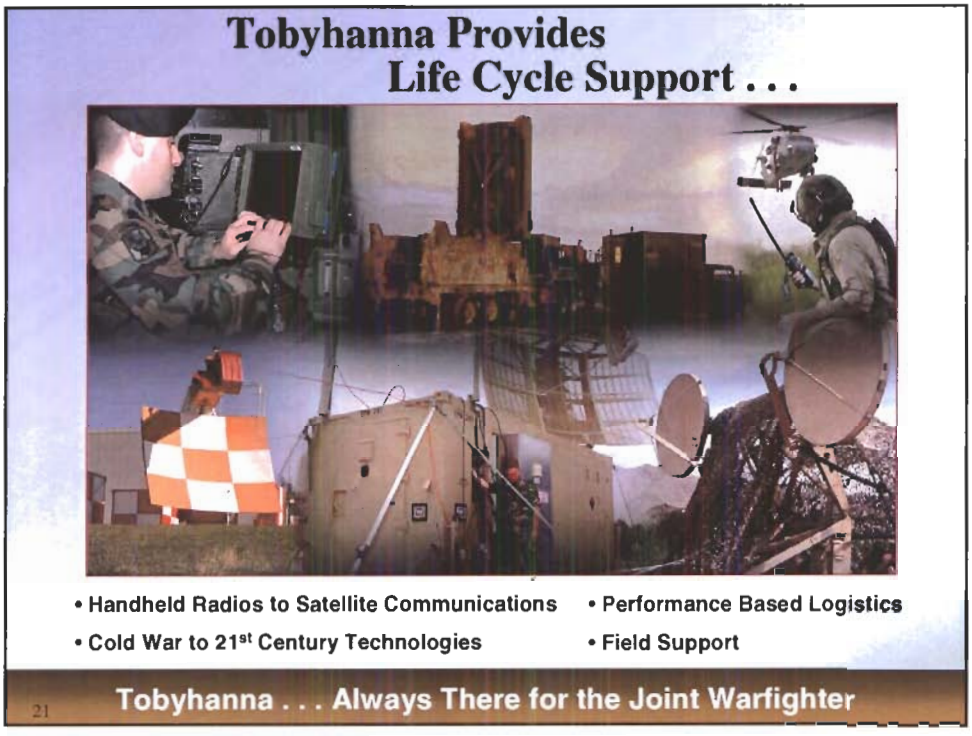

Total Spectrum of C4ISR Support
Communications
and COMSEC
Meteorological
Navigational
Satellite
Communications
Electro-Optics/
Night Vision
Avionics
C4ISR
Surveillance
Radar
Intelligence/
Electronic
Warfare
Threat Simulation
Systems
Command,
Control &
Computers
Missile
Guidance &
Control


Tobyhanna Provides
Life Cycle Support . . .
• Handheld Radios to Satellite Communications
• Cold War to 21st Century Technologies
• Performance Based Logistics
• Field Support
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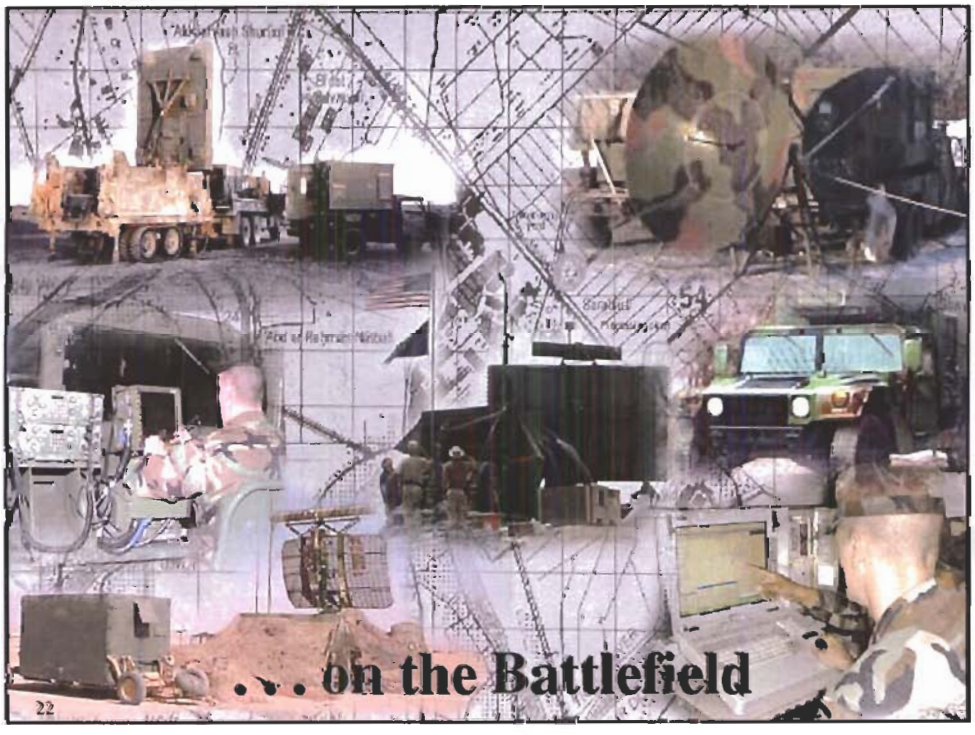
Tobyhanna . . . Always There for the Joint Warfighter


. . . on the Battlefield
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Areas of Expertise

Repair/Overhaul
- Total System Maintenance
- Technology Insertion
- Field Support
- High Utilization of Automated Test Equipment
- Multi-Layer Circuit Board Repair
- Warranty Repair
- Recapitalization

Systems Integration
- Battlefield Digitization
- System Downsizing
- Computer-Aided Engineering
- Manufacturing
- Program Management
- Integrated Logistics Support
- Configuration Management
- Test and Design
- Systems Fielding

Sustainment Support
- Life Cycle Support Services
- Performance Based Logistics
- Sustainment Engineering
- Technology Insertion
- Public – Private Partnerships
- Reverse Engineering

Manufacturing
- Cable Assemblies/Wire Harnesses
- Systems Manufacturing
- Prototyping
- Integration
- Circuit Board Assemblies
- Installation Kits

Expeditionary Logistics
- Worldwide Technical Assistance
- Field Service Representatives
- Depot Level Maintenance
- Forward Repair Activities

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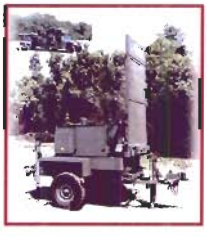
Repair and Overhaul

Handheld Radios To Satellite Communications Systems

- Overhaul / Rebuild
  - Depot Maintenance Work Requirement / Statement of Work
  - Apply Modification Work Orders
  - Manufacture of Parts
  - Special Tests (i.e. Vibration, Temperature, etc.)

- Recapitalization
  - Overhaul Plus
  - Zero Miles / Zero Hours
  - 5 Go-to-War Systems



- Reset
  - 243 Programs
  - Repaired 16,564 Assets
  - Restoring Equipment for Units Rotating in Preparation for Redeployment

TOBYHANNA ARMY DEPOT

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Manufacturing

- Electrical Components
  - Power and Data Systems
  - Electronic Equipment Assemblies
  - Circuit Cards
  - Cable Assemblies

- Mechanical Components
  - Equipment Racks and Housing Assemblies
  - Brackets

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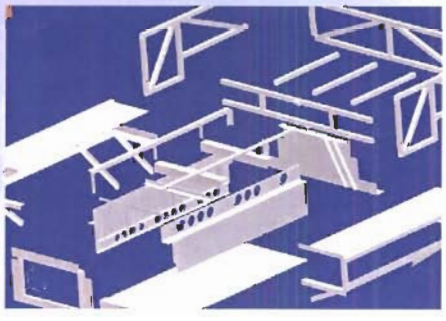
Systems Integration

Prototype Development

System Downsizing

Transportability

Brigade Combat Team



- Program Management
- Design
- Computer-Aided Engineering
- Fabrication
- Test
- Configuration Management
- Acquisition Logistics
- Field Support

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Engineering Capabilities

- 240 Personnel
- Multi-Disciplined Staff
- Computer-Aided Engineering Design
- Prototyping
- Sustainment
  - New Technology
  - Facilitizing
  - Develop/Validate Procedures

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Engineering Capabilities

- Electrical and Mechanical Design
- Electronic Tech Manuals and Interactive Electronic Tech Manuals Development
- Test Program Set Development
- Simulation
  - Finite Element Analysis
  - Environmental
  - Electromagnetic/Radio Frequency Interference

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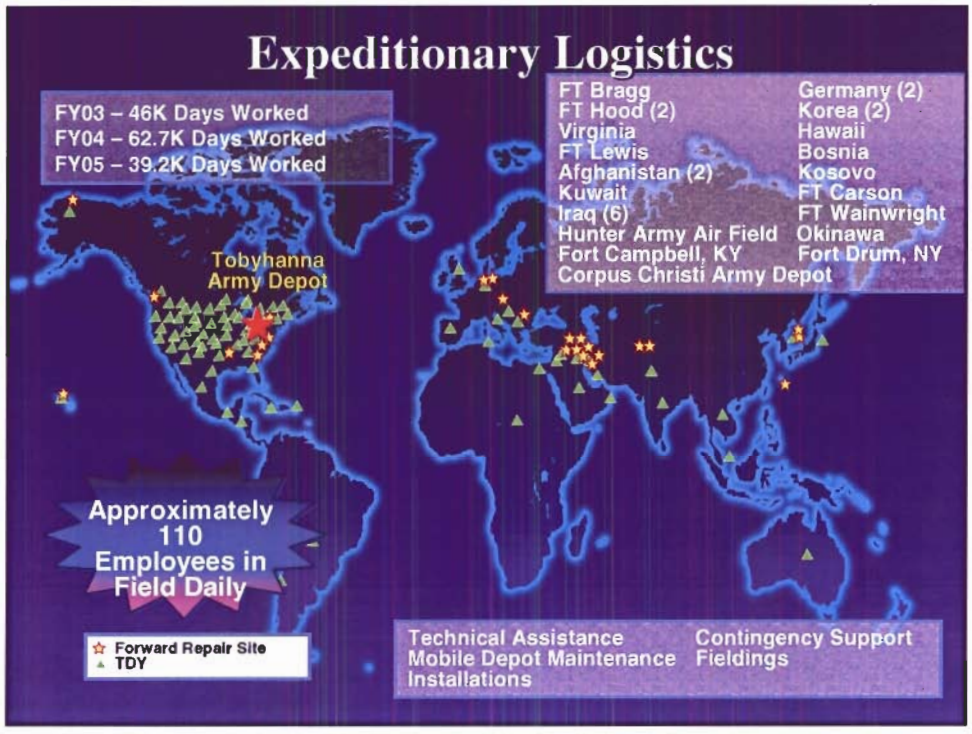
444 Soldiers Graduated In FY04
High Tech Regional Training Center
28K Days/Year
• East Coast Regional Training Site
• TRADOC and Fort Gordon Signal Center Accredited Programs of Instruction (POIs)
• Required Sustainment Training for METL Elements
• Classroom and Hands-on Training

High Tech Regional Training Center
Courses Support 23 MOSs, To Include:
-Radio Operator/Maintainer (31C10)
-COMSEC Repair (35E10)
-Multi-Channel Transmission (31R10)
-Network Switching Systems (31F10)
-Signal Support System Specialist (31U10)
BOTTOM LINE – Largest and Most Comprehensive Reserve Component Electronics Training Center


Expeditionary Logistics
FY03 – 46K Days Worked
FY04 – 62.7K Days Worked
FY05 – 39.2K Days Worked
FT Bragg
FT Hood (2)
Virginia
FT Lewis
Afghanistan (2)
Kuwait
Iraq (6)
Hunter Army Air Field
Fort Campbell, KY
Corpus Christi Army Depot
Germany (2)
Korea (2)
Hawaii
Bosnia
Kosovo
FT Carson
FT Wainwright
Okinawa
Fort Drum, NY
Tobyhanna Army Depot
Approximately 110 Employees in Field Daily
Forward Repair Site
TDY
Technical Assistance
Mobile Depot Maintenance
Installations
Contingency Support
Fieldings

AMERICA'S
GUARD OF HONOR
YOU'RE
SAFE HERE
KANDAH
AIRPOR
TOBYHANNA
ARMY DEPOT
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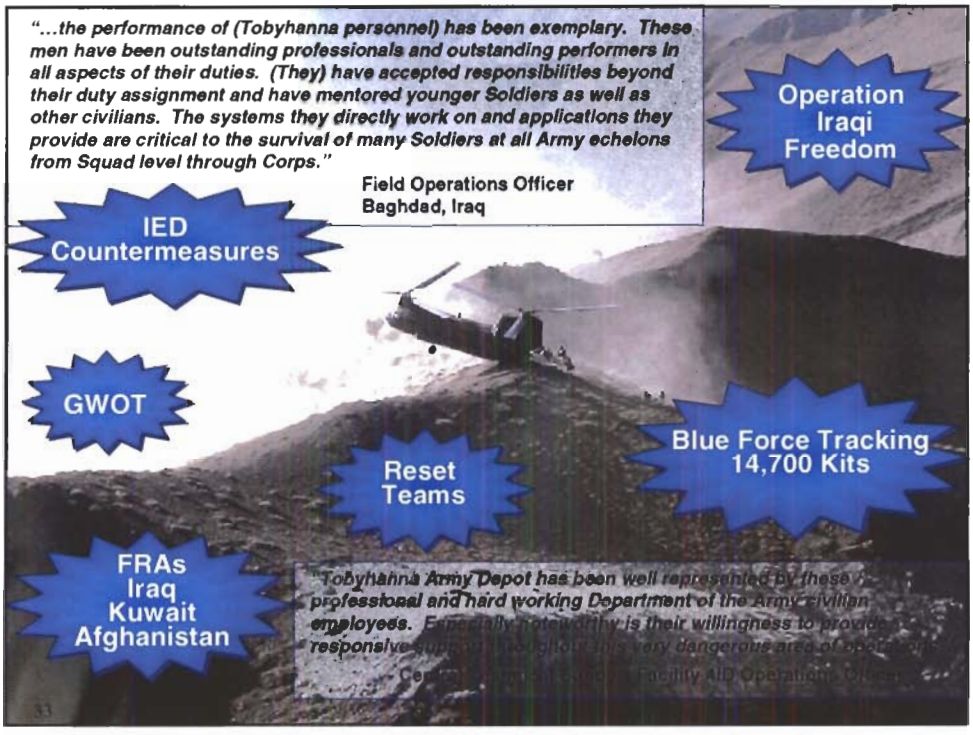
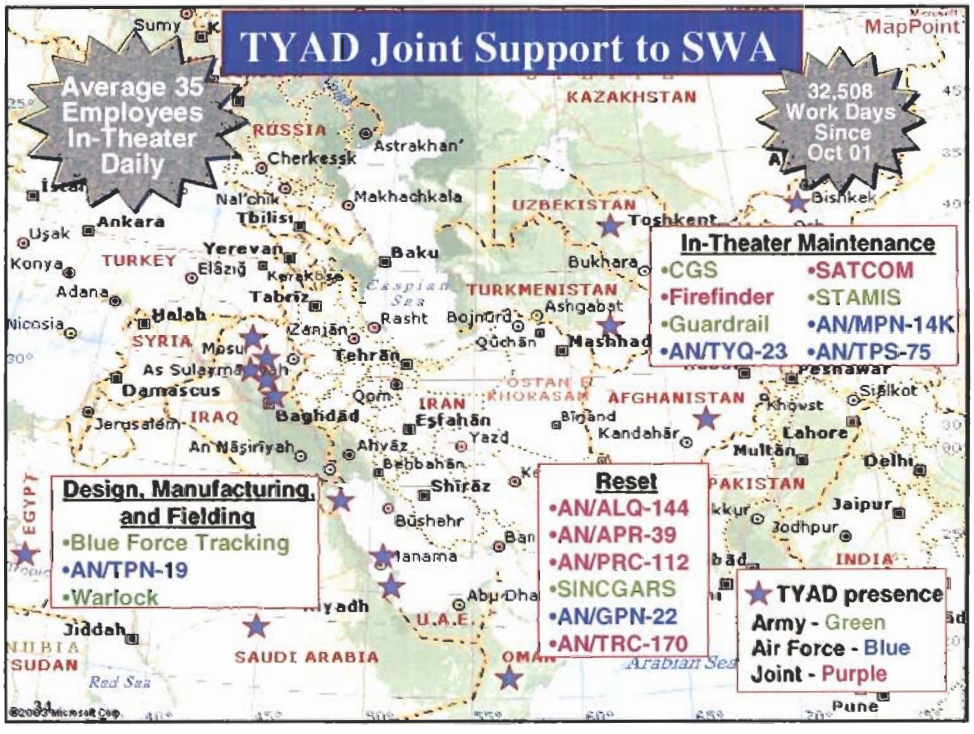
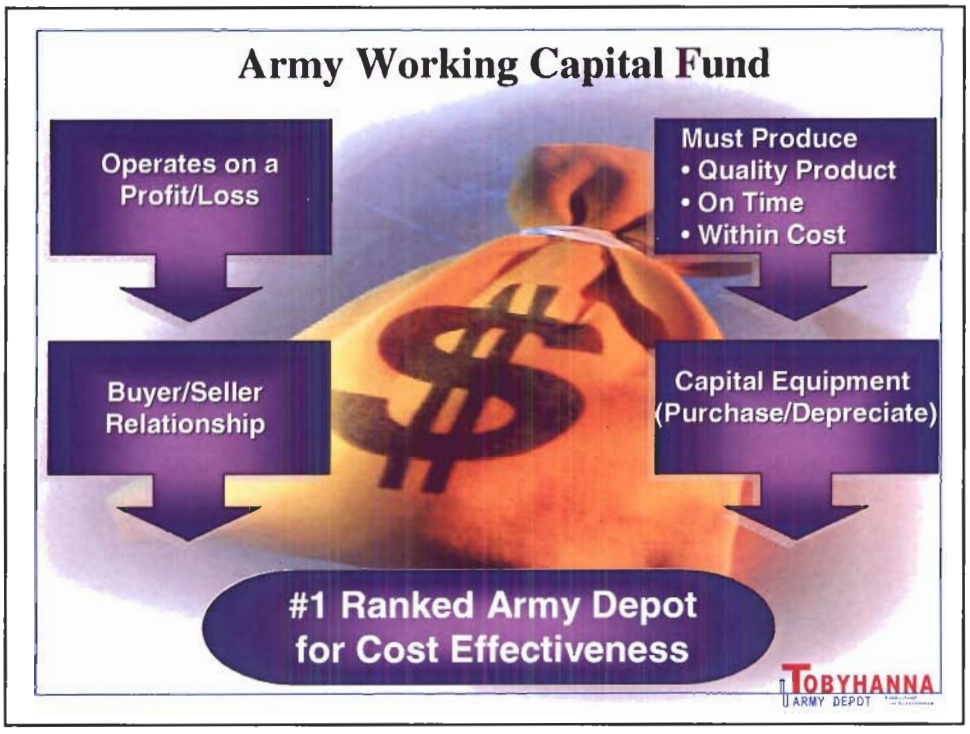
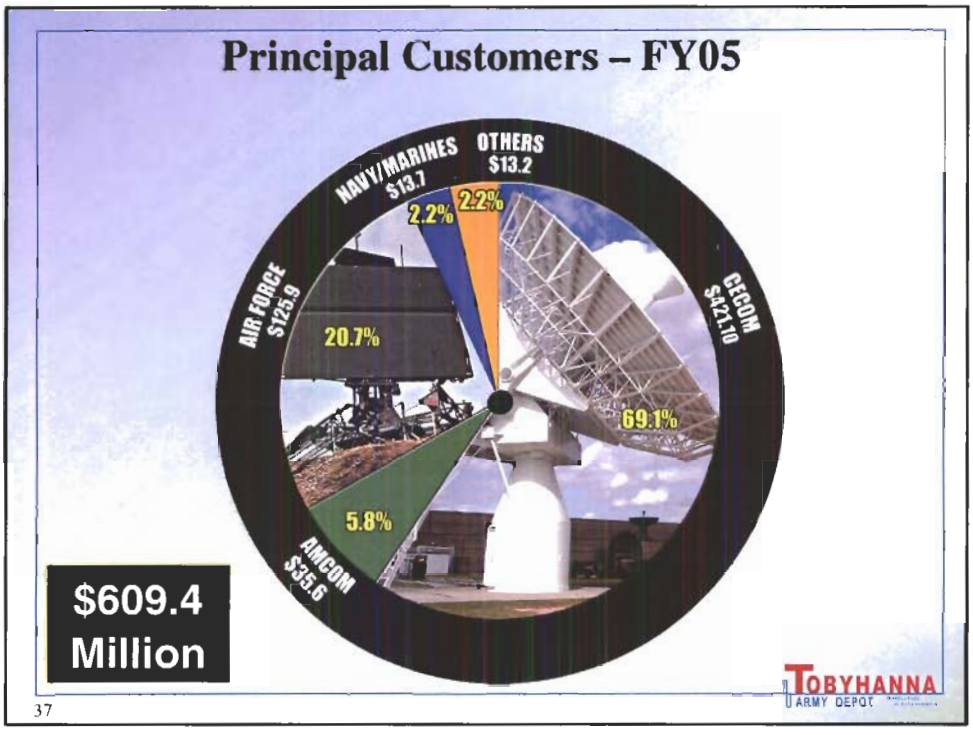

"...the performance of (Tobyhanna personnel) has been exemplary. These men have been outstanding professionals and outstanding performers in all aspects of their duties. (They) have accepted responsibilities beyond their duty assignment and have mentored younger Soldiers as well as other civilians. The systems they directly work on and applications they provide are critical to the survival of many Soldiers at all Army echelons from Squad level through Corps."
Field Operations Officer
Baghdad, Iraq
Operation Iraqi Freedom
IED Countermeasures
GWOT
Reset Teams
Blue Force Tracking 14,700 Kits
FRAs Iraq Kuwait Afghanistan
"Tobyhanna Army Depot has been well represented by these professional and hard working Department of the Army civilian employees.


TYAD Joint Support to SWA
Average 35 Employees In-Theater Daily
32,508 Work Days Since Oct 01
In-Theater Maintenance
•CGS
•Firefinder
•Guardrail
•AN/TYQ-23
•SATCOM
•STAMIS
•AN/MPN-14K
•AN/TPS-75
Design, Manufacturing, and Fielding
•Blue Force Tracking
•AN/TPN-19
•Warlock
Reset
•AN/ALQ-144
•AN/APR-39
•AN/PRC-112
•SINCGARS
•AN/GPN-22
•AN/TRC-170
TYAD presence
Army - Green
Air Force - Blue
Joint - Purple
MapPoint
KAZAKHSTAN
RUSSIA
UZBEKISTAN
TURKMENISTAN
TURKEY
SYRIA
IRAQ
IRAN
AFGHANISTAN
PAKISTAN
INDIA
SAUDI ARABIA
U.A.E.
SUDAN
EGYPT
Baghdad
Tehran
Mashhad
Kandahar
Lahore
Delhi
Jaipur
Jiddah
Damascus
Ankara
Baku
Yerevan
Tbilisi
Tabriz
Esfahan
Shiraz
Manama
Bushehr
Pune


Army Working Capital Fund
Operates on a Profit/Loss
Must Produce
• Quality Product
• On Time
• Within Cost
Buyer/Seller Relationship
Capital Equipment (Purchase/Depreciate)
#1 Ranked Army Depot for Cost Effectiveness
TOBYHANNA
ARMY DEPOT

Customers
US Army
US Air Force
US Navy
US Marine Corps
NSA
USAR/NG
NASA
CIA
National Park Service
G-8 Economic Summit
Special Forces
DEA/Border Patrol
US Olympic Committee
White House
State Department
Foreign Nations
Justice Department
FBI


Principal Customers – FY05
NAVY/MARINES $13.7
OTHERS $13.2
2.2%
2.2%
AIR FORCE $125.9
20.7%
CECOM $421.10
69.1%
5.8%
AMCOM $35.6
$609.4 Million
TOBYHANNA ARMY DEPOT
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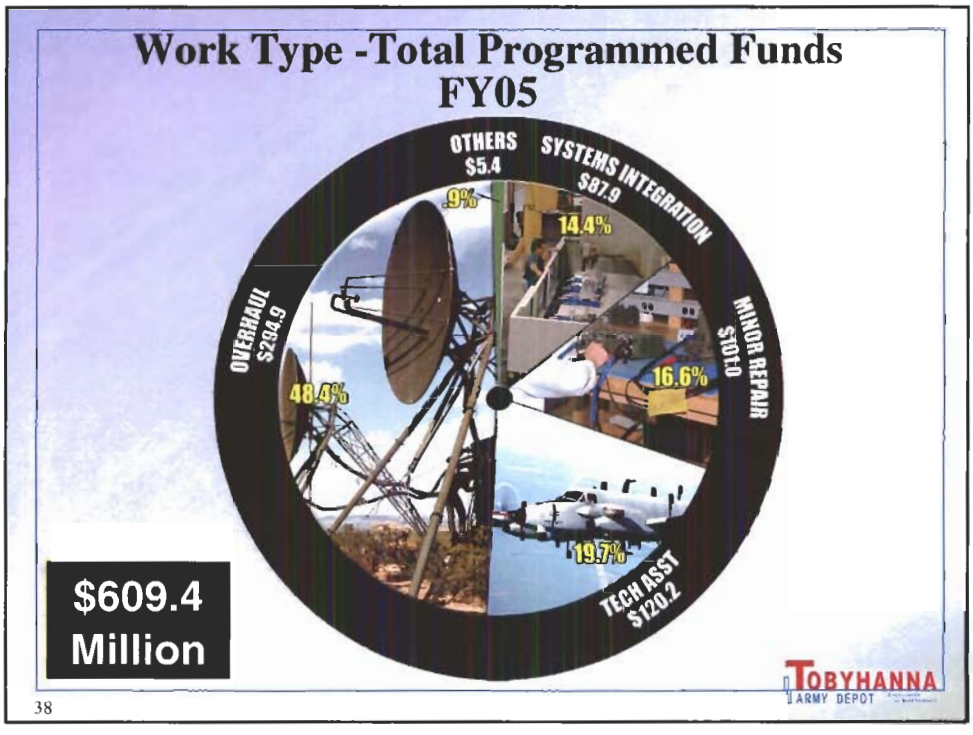
Work Type -Total Programmed Funds FY05
OTHERS $5.4
.9%
SYSTEMS INTEGRATION $87.9
14.4%
OVERHAUL $294.9
48.4%
MINOR REPAIR $101.0
16.6%
19.7%
TECH ASST $120.2
$609.4 Million
TOBYHANNA ARMY DEPOT
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Maintenance Mission Orders
FY05
Orders
More Orders Than All Army Depots Combined
7,000
6,000
5,000
4,000
3,000
2,000
2,906
2,728
2,611
3,220
4,398
5,018
5,222
5,497
6,196
3,607
FY96 FY97 FY98 FY99 FY00 FY01 FY02 FY03 FY04 FY05
TOBYHANNA ARMY DEPOT
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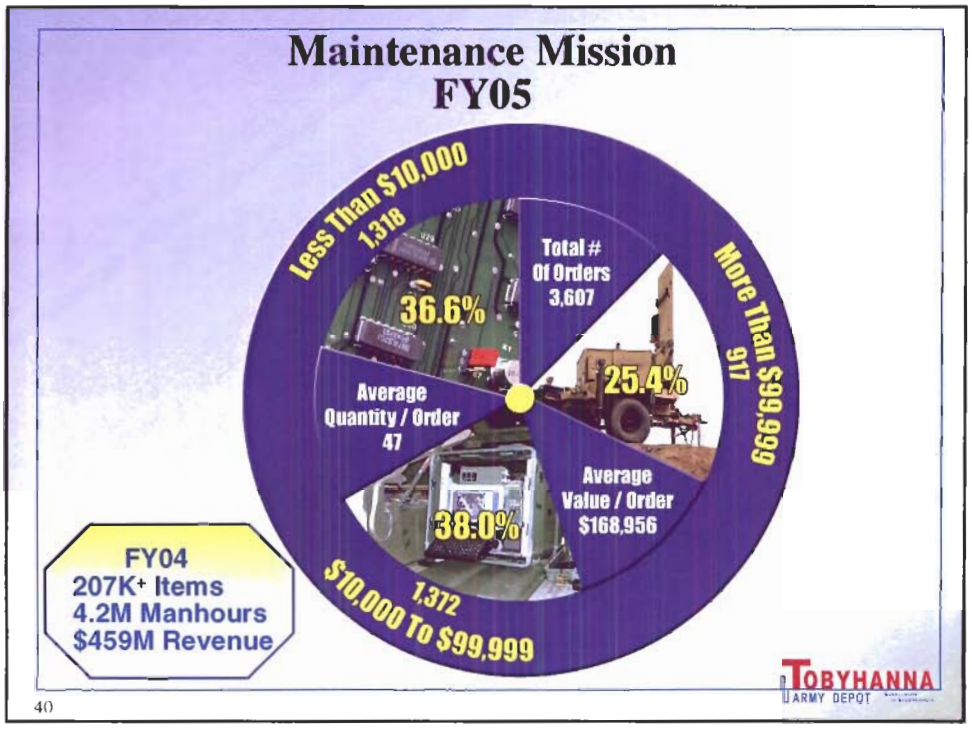
Maintenance Mission
FY05
Less Than $10,000
1,318
36.6%
Total # Of Orders 3,607
More Than $99,999
917
25.4%
Average Quantity / Order 47
Average Value / Order $168,956
38.0%
1,372
$10,000 To $99,999
FY04
207K+ Items
4.2M Manhours
$459M Revenue
TOBYHANNA ARMY DEPOT
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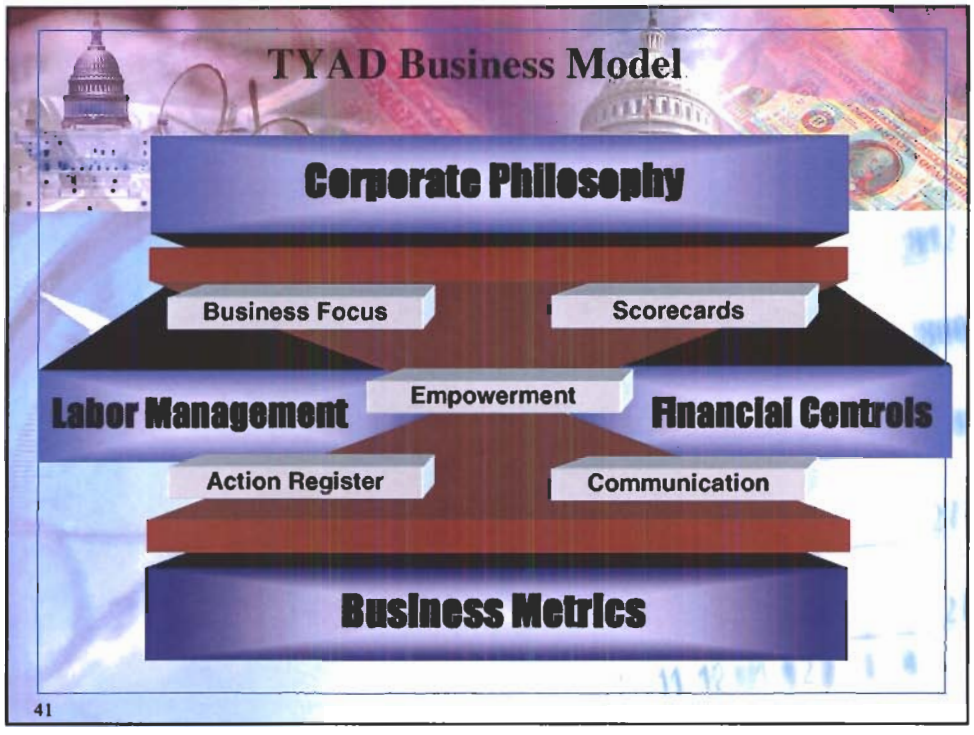
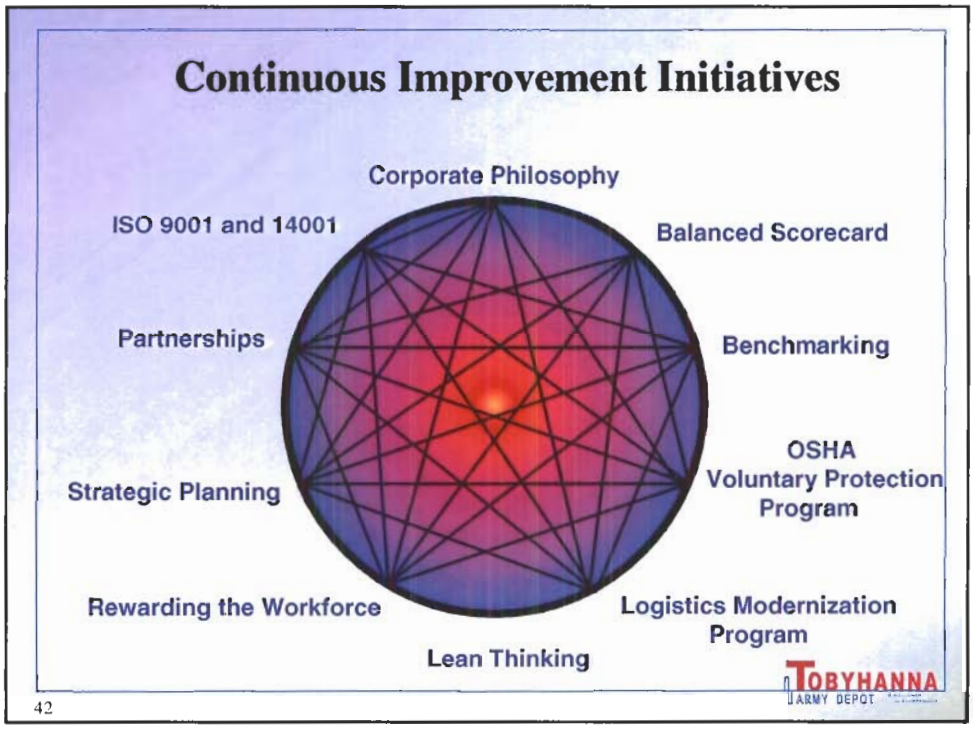

TYAD Business Model
Corporate Philosophy
Business Focus
Scorecards
Labor Management
Empowerment
Financial Controls
Action Register
Communication
Business Metrics
41


Continuous Improvement Initiatives
Corporate Philosophy
ISO 9001 and 14001
Balanced Scorecard
Partnerships
Benchmarking
OSHA
Voluntary Protection
Program
Strategic Planning
Rewarding the Workforce
Logistics Modernization
Program
Lean Thinking
TOBYHANNA
ARMY DEPOT
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Lean Thinking = Joint Customer Savings

AN/TRC-170 (V3)
37% reduction
in flow days.

39% reduction
in Sidewinder Missile
overhaul costs.

AN/APX-72
18% reduction
in labor costs.

AN/ALQ-144
31% increase
in throughput.

Total Cost Avoidance = $25,321,851

TOBYHANNA ARMY DEPOT

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Lean Mission Support

Photo Lab Layout
- 59% Improved Efficiency
- Re-utilized Storage Areas

Incentives Awards Process
- 78% Reduction in Flow Time
- 100% First Pass Yield
- 76% Process Steps Eliminated

Material Intershop Process
- Standardized Material Drop-off Points
- Improved Material Identification
- Improved Forklift Operator Efficiency

Mail Room Layout & Processes
- 85% Reduction WIP
- Same Day Processing

OCONUS Travel Order Process
- 48% Reduction in Flow Time
- 79% Reduction Document Movement

Service Contract Process
- 54% Reduction in Flow Time
- 92% Reduction Document Movement

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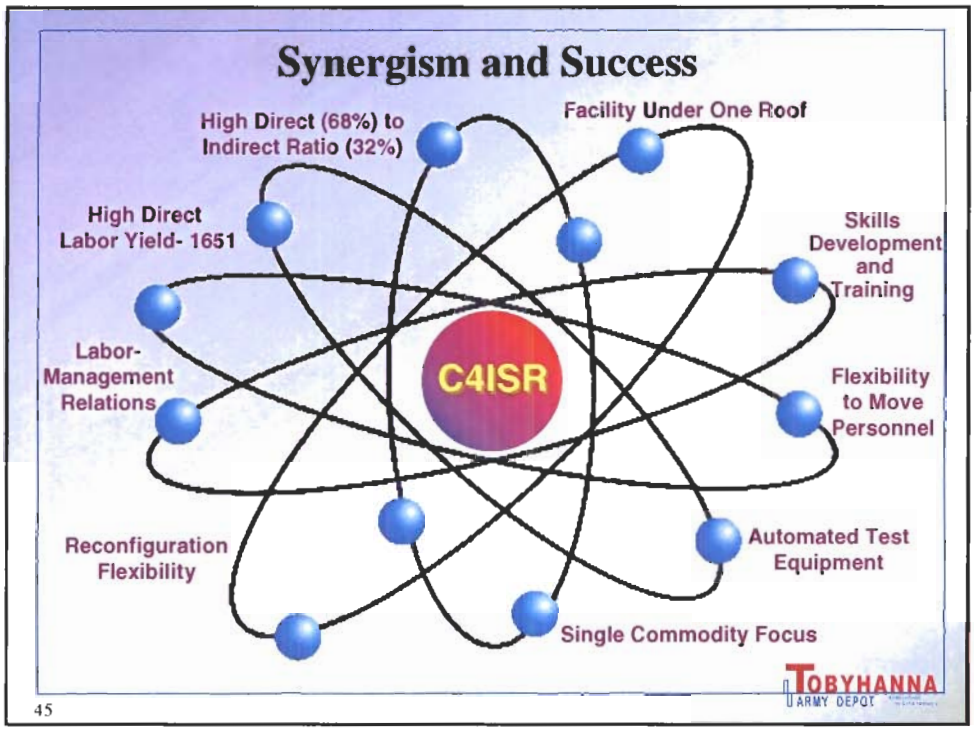
Synergism and Success
High Direct (68%) to Indirect Ratio (32%)
Facility Under One Roof
High Direct Labor Yield- 1651
Skills Development and Training
Labor-Management Relations
C4ISR
Flexibility to Move Personnel
Reconfiguration Flexibility
Automated Test Equipment
Single Commodity Focus
TOBYHANNA ARMY DEPOT
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Award Winning Installation
National, State, and Local Awards
Army Community of Excellence Awards (4)
Environmental Awards (32)
• White House Closing the Circle Awards
• Secretary of Defense/Army Environmental Awards
• Governor's Awards for Excellence
Quality/Productivity/Labor- Management Awards (22)
• Presidential Quality Award
• Secretary of Defense Productivity Excellence Award
• Vice President Hammer Award
• AF Surge Award
• National Partnership Award
Awards for Excellence in Personnel Management/ Education (8)
• OPM Performance, Incentives and Leadership Linked to Achieve Results (PILLAR) Award
• Federal Teaming Award
• Army's Best Disability Program Award
The President's Quality Award Program

Critical C4ISR Weapon System Partnerships

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Public-Private Partnerships (P3)

DELL™ SAIC GENERAL DYNAMICS *Strength on Your Side™*

NORTHROP GRUMMAN *Information Technology*

EDS BAE SYSTEMS

Raytheon

LOCKHEED MARTIN

95 Partnerships
24 Active
32 In Negotiation
39 Completed

Multi-function:
- Program Management
- Reset
- Engineering
- Training
- Testing

Capabilities:
- Repair & Overhaul
- Systems Integration
- Manufacturing
- Field Tech Support

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Unique Capabilities
Laser Live Fire Range
Laser Repair Facilities
Threat Emitter Range
Rain Test Facility
TOBYHANNA
ARMY DEPOT
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Specialized Facilities
Tactical End Item Repair
Industrial Operations
Satellite Communications
Test, Measurement, and Diagnostic Equipment
MILSTAR Antenna Staging Area
Tactical Missile
Tower Track Facility
Communications Security
Automated Storage and Retrieval Systems

Unique Facilities
21 Clean Rooms

- Class 1,000 (1)
  - Sidewinder Missile Seeker Head Rebuild
- Class 10,000 (5)
  - Missile
  - Electro-Optics / Night Vision Workload
- Class 100,000 (13)
  - Electro-Optics / Night Vision and Airborne Workload
- Class 300,000 (2)
  - Electro-Optics / Night Vision Workload

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Unique Facilities
Anechoic Chambers

Testing and Calibration of Advanced Quick Look (AQL) Antenna Processor

Digital and RF Diagnostics, Troubleshooting, and Repair of AN/TPQ-36, 37 Phased Array Antennas

Near Field Testing of AN/MSQ-118 Phased Array Antenna Panels

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Unique Facilities

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Unique Capabilities
Munson Road

Munson Road Test Facility
600' x 200' Oval Track, 12" Thick Concrete
Speed Bumps, Potholes, and Washboard Areas

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Investing in the Future

$252.6M Invested since 1990

- COMSEC Mission Facility
- Tactical Missile Facility
- Rain Test Facility
- Radar Test Ranges
- Wind Tunnel Facility
- Electro-Optic/Night Vision Facility
- Digital Ionospheric Sounding System
- Munson Road Test Track
- SATCOM Mission Facility
- Tactical End Item Repair Facility
- Industrial Operations Facility

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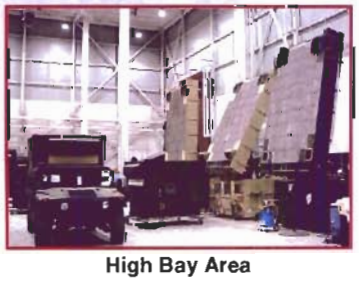
Modernization

Industrial Operations Facility

SATCOM Facility



High Bay Area

Strategic Terminal Systems Facility

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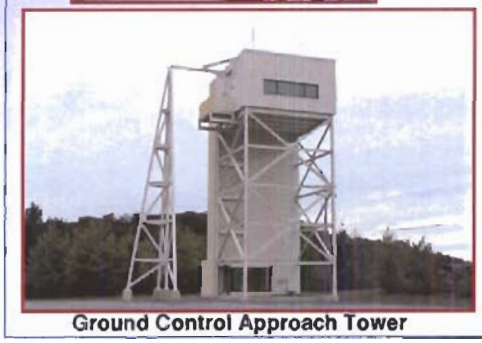
Modernization

Automatic Identification Technology

AN/TPS-75 Radar Facility

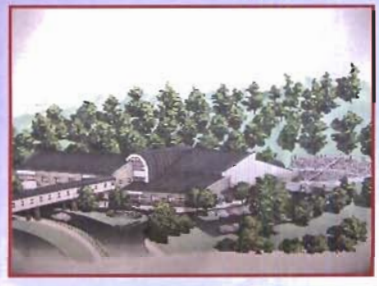


Ground Control Approach Tower

Near Field Probe Anechoic Chamber

57

Planned Modernization



Training Conference Center

High Bay Expansion
Firefinder Near Field Probe

Child Development Center

Cost ($M)	Project Title	Future Year Development Program
$14.2	Training Conf Center	FYDP11
$6.5	Child Dev Center	FYDP09
$11.4	Large End Item Repair Facility	
$6.5	Public Works Facility	
$13.6	Satellite Communications Facility	

Military Construction Army

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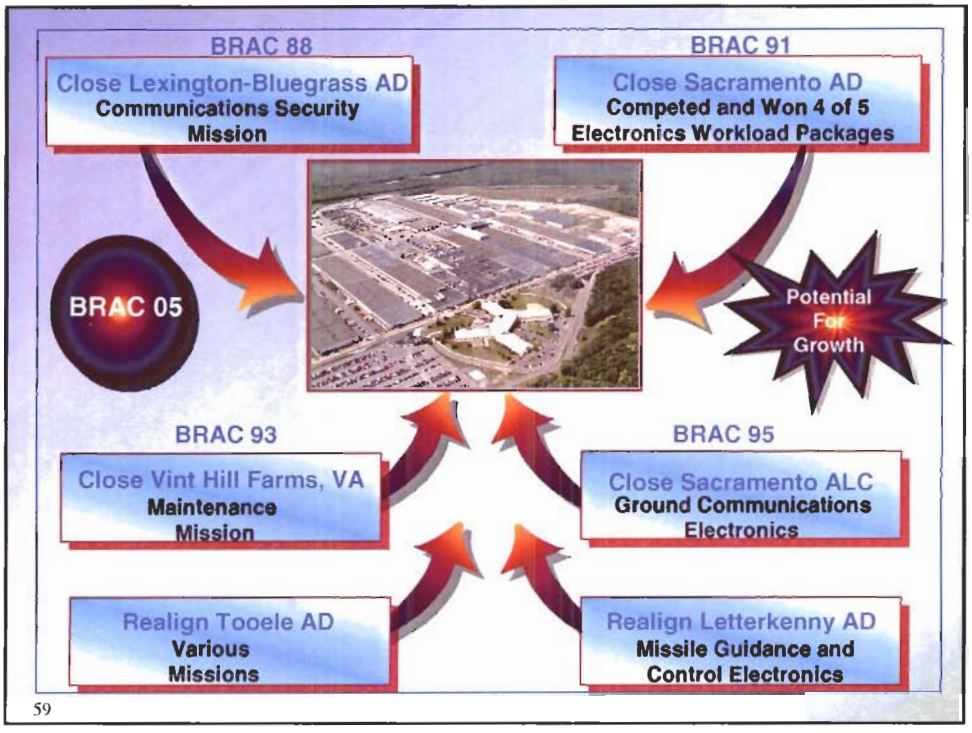
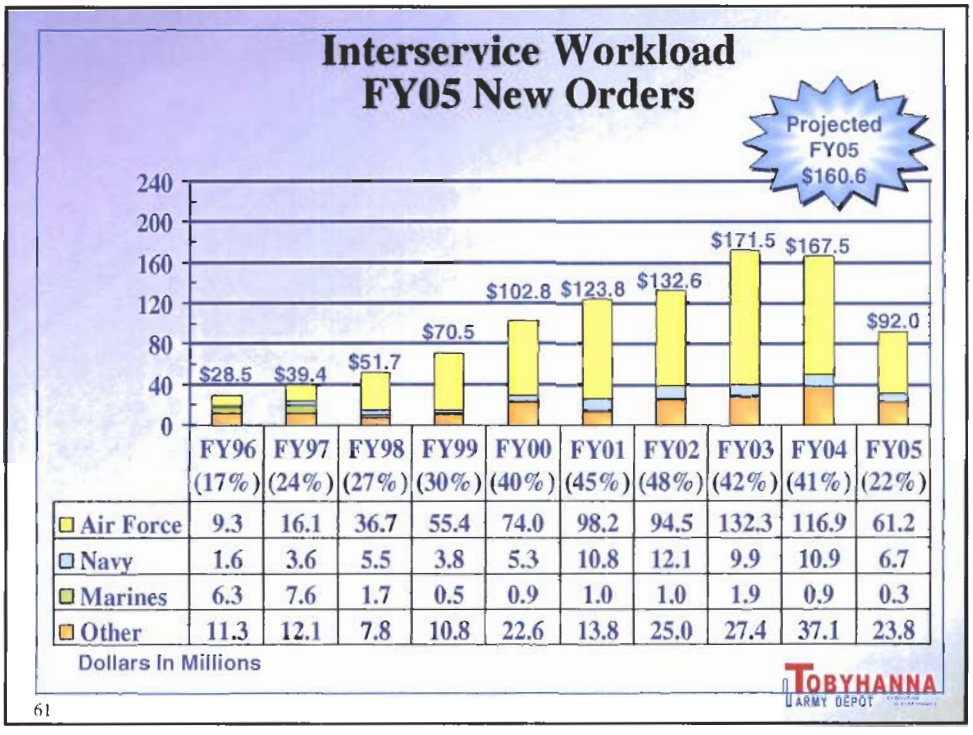

BRAC 88
Close Lexington-Bluegrass AD
Communications Security Mission
BRAC 91
Close Sacramento AD
Competed and Won 4 of 5 Electronics Workload Packages
BRAC 05
Potential For Growth
BRAC 93
Close Vint Hill Farms, VA
Maintenance Mission
BRAC 95
Close Sacramento ALC
Ground Communications Electronics
Realign Tooele AD
Various Missions
Realign Letterkenny AD
Missile Guidance and Control Electronics
59

BRAC 95 Outcomes
Tobyhanna Army Depot - the Technology Repair Center for Air Force Ground Communications Electronics Systems
• First-deploying Air Traffic Control Systems
• Critical Air Defense Radar Systems
• Command, Control, and Intelligence Systems
TYAD - Repair Center for Guidance and Control of Tactical Missiles for Air Force and Navy
TOBYHANNA ARMY DEPOT
60


Interservice Workload
FY05 New Orders
Projected FY05 $160.6
240
200
160
120
80
40
0
$28.5
$39.4
$51.7
$70.5
$102.8
$123.8
$132.6
$171.5
$167.5
$92.0
FY96 (17%)
FY97 (24%)
FY98 (27%)
FY99 (30%)
FY00 (40%)
FY01 (45%)
FY02 (48%)
FY03 (42%)
FY04 (41%)
FY05 (22%)
Air Force 9.3 16.1 36.7 55.4 74.0 98.2 94.5 132.3 116.9 61.2
Navy 1.6 3.6 5.5 3.8 5.3 10.8 12.1 9.9 10.9 6.7
Marines 6.3 7.6 1.7 0.5 0.9 1.0 1.0 1.9 0.9 0.3
Other 11.3 12.1 7.8 10.8 22.6 13.8 25.0 27.4 37.1 23.8
Dollars In Millions
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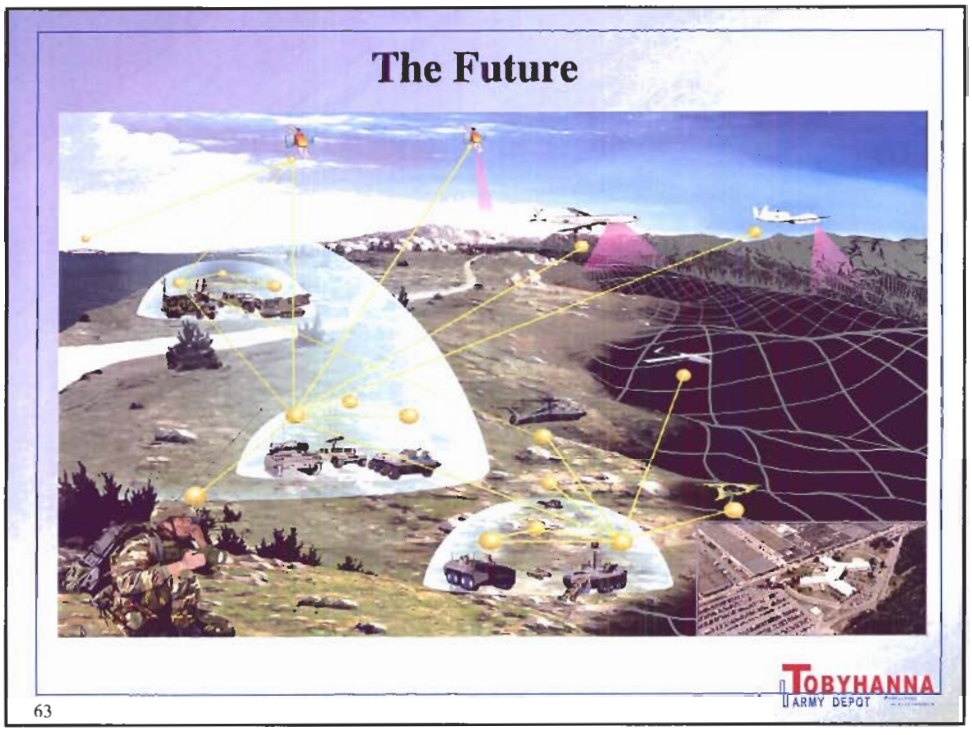
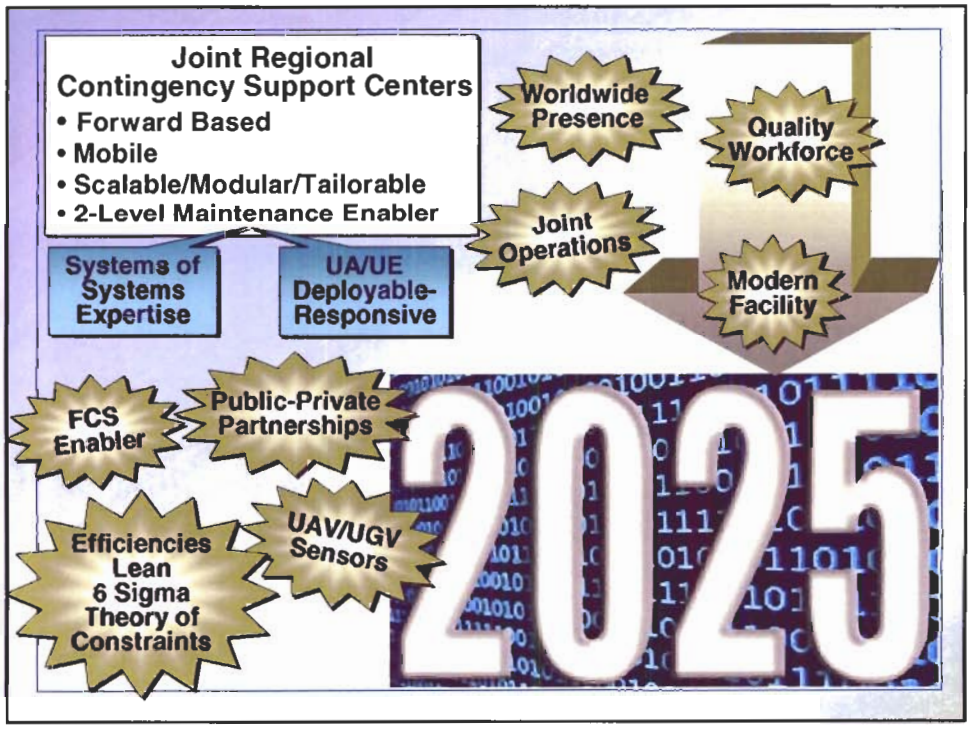
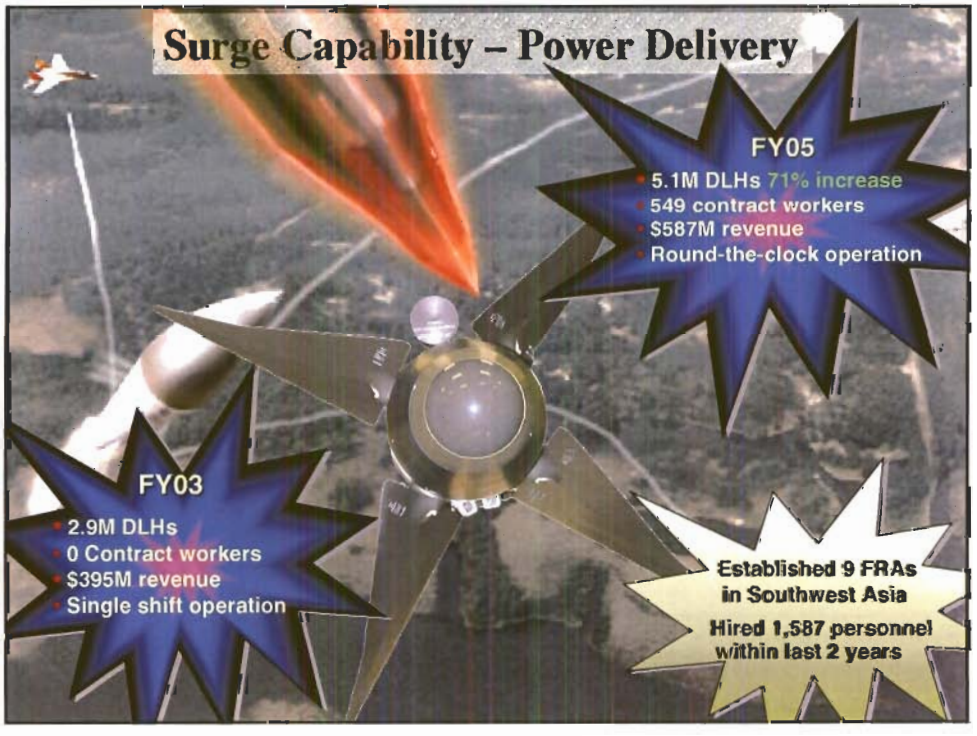
AN/TRC-170 TROPOSCATTER SYSTEM
AIM-9 SIDEWINDER
AGM-65 MAVERICK
AN/TPN-19 GCA SYSTEM
AN/GPN-22 GCA SYSTEM
AN/FPS-117 RADAR
AN/TPS-75 RADAR
AN/TSC-94 TACTICAL SATELLITE TERMINAL
AN/MST-T1A MUTES


The Future
TOBYHANNA
ARMY DEPOT
63


Joint Regional
Contingency Support Centers
• Forward Based
• Mobile
• Scalable/Modular/Tailorable
• 2-Level Maintenance Enabler
Systems of Systems Expertise
UA/UE Deployable-Responsive
Worldwide Presence
Quality Workforce
Joint Operations
Modern Facility
FCS Enabler
Public-Private Partnerships
UAV/UGV Sensors
Efficiencies Lean 6 Sigma Theory of Constraints
2025

Expansion Potential
• 1296 acres
• 728 buildable acres
• Reversionary rights to 21,000 acres
• No encroachment issues
• Utility capacity
• Information Technology Infrastructure
• Abundant regional resources
Award-winning environmental/safety programs
– 1st Federal Facility to be delisted in EPA, Region III
– 1st Federal Facility to become an EPA Waste Minimization Partner
– Army's 1st OSHA Voluntary Protection Program Star Site
– FY04-09 restoration monitoring costs: $2.1M
– ISO 14001 certified
– Environmental permits allow for sizeable increase in workload


Surge Capability – Power Delivery
FY05
• 5.1M DLHs 71% increase
• 549 contract workers
• $587M revenue
• Round-the-clock operation
FY03
• 2.9M DLHs
• 0 Contract workers
• $395M revenue
• Single shift operation
Established 9 FRAs in Southwest Asia
Hired 1,587 personnel within last 2 years

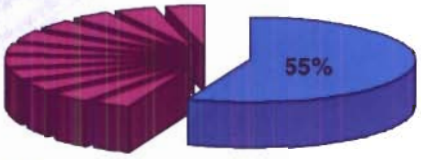
Opportunity for Maximum Jointness

Joint Group
On
Depot Maintenance

Depot Maintenance
Business Profile
Fiscal Years 2003-2009

December 2003

Example: Total C-E Workload* FY05
3.989 M DLHs over 12 Installations



1.793M DLHs

2.196M DLHs

- TYAD Cat 7 (C-E) Workload
- Dispersed to Other Installations

✓1.793M DLHs are at 11 installations
✓No installation has more than 265K DLHs

* Category 7

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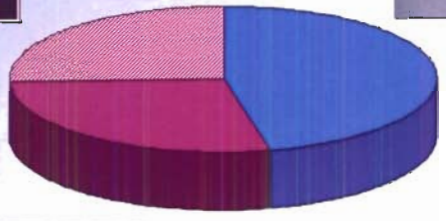
TYAD Maximum Capacity FY05
6.350M DLHs

1.616M DLHs



2.941M DLHs

1.793M DLHs

- TYAD Total Workload
- Available Workload
- Capacity

✓TYAD can easily accommodate the BRAC 2005 recommendations
✓Joint workload synergy increases customer savings

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In selecting military installations for closure or realignment, the Department of Defense will give priority consideration to

Military Value...

TYAD Is Only Army Depot To Rank #1 In Any Of 6 Core Capabilities

- TYAD is ranked #1 in
  - Logistics of all Army Installations
  - Cost of all Army Maintenance Depots
  - Well-being of all Army Maintenance Depots

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BRAC 2005 Industrial Joint Cross Service Group Military Value Analysis

Ranked either 1st or 2nd In 16/19 commodities reported

Ground Support Equipment

Depot Field Support

Radio

Generators

Crypto

Wire

TMDE

Electronic Warfare

Tactical Missiles

Fabrication and Manufacturing

Fire Control Systems

Computers

Electro-optics/ Night Vision/ FLIR

Radar

Navigational Aids

Electronic Components (Non-Airborne)

- More #1 Rankings than 48/49 Joint Maintenance Facilities
- Capability in 19 commodity areas
  - More commodity capability than 44/49 Joint Maintenance Facilities

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BRAC 2005 Recommendations

Marine Corps Logistics Base, Barstow, CA

"Consolidate Depot Maintenance of Electronic Components (Non-Airborne), Electro-Optics/Night Vision/Forward-Looking Infrared, Generators, Ground Support Equipment, Radar, and Radio at TYAD." Department of the Navy Analysis and Recommendations VOL IV p. J-3

- Identifies TYAD as a DoD Center of Industrial and Technical Excellence

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TYAD Capabilities and Capacity

- Full spectrum repair maintenance, testing, engineering for Airborne and Ground electronics
- State-of-the-art EO/NV/FLIR-dedicated facility
- Class 1,000 through Class 300,000 Clean Rooms
- Laser Test Ranges
- Anechoic Chambers
- Phased Array Radar
- Near Field Probe (2)
- Tower Track
- Radar Test Ranges
- Antenna Test Pattern Ranges
- Tactical End Item Repair Facility
- High Bay Area

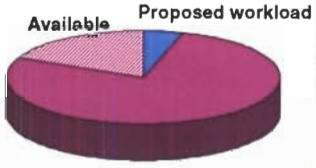
BRAC 2005 Recommendations

Lackland Air Force Base, TX

"Relocate Computers, Crypto, Electronic Components (Non-Airborne), and Radio to TYAD." Industrial Joint Cross Service Group Final Report p. 36

- Includes all Depot Maintenance Capability
- Identifies TYAD as a DoD Center of Industrial and Technical Excellence

Capacity



Barstow + Lackland

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TYAD Capabilities

- Center of Excellence for COMSEC
- Full INFOSEC maintenance capability
- Secure CRYPTO facility
- U.S. Air Force Alternate Key Data Processor Loading and Installation Facility
- Test Program Sets management and configuration
- Joint certification training center
- National Security Agency-certified destruction and demil center
- COMSEC Field Repair Activity at Camp Liberty, Baghdad
- Secure receipt, storage, issuance and distribution of retail and wholesale items

BRAC 2005 Recommendations

Naval Weapons Station Seal Beach, CA

"Relocate the Depot Maintenance of Electronic Components (Non-Airborne), Fire Control Systems/Components, Radar, and Radio to TYAD." Industrial Joint Cross Service Group Final Report p. 40

- Recognizes TYAD as a DoD Center of Industrial and Technical Excellence.

Barstow + Lackland + Seal Beach

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TYAD Capabilities

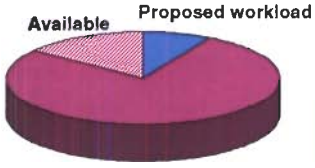
- Full spectrum repair maintenance, testing, engineering for Airborne and Ground Electronics
- State-of-the-art Missile Facility
- Class 1,000 through Class 300,000 Clean Rooms
- Laser Test Ranges
- Threat Emitter Ranges
- Anechoic Chambers
- Phased Array Radar
- Near Field Probe (2)
- Tactical End Item Repair Facility
- Industrial Operations Facility support services

BRAC 2005 Recommendations

Red River Army Depot, TX

"Relocate the Depot Maintenance of Tactical Vehicles to TYAD and Letterkenny Army Depot." Department of the Army Analysis and Recommendations, Vol. III p. 96

Capacity



Barstow + Lackland + Seal Beach + RRAD

TOBYHANNA ARMY DEPOT

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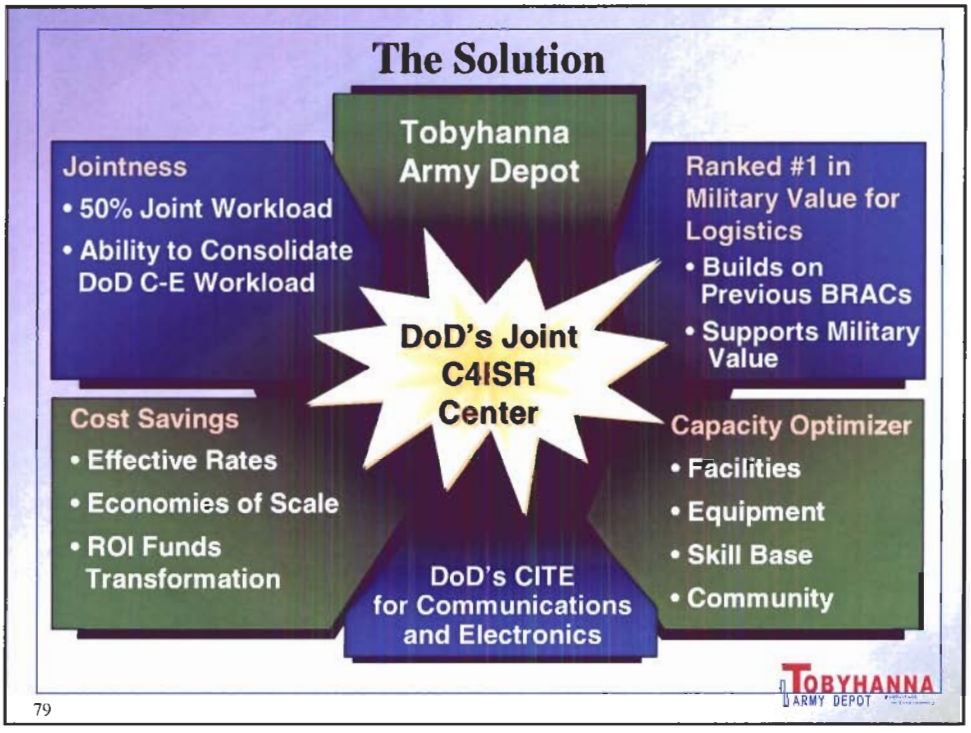
TYAD Capabilities

- Full-spectrum mechanical support
  - Drivetrain
  - Chassis
  - Body work
- Full spectrum electrical support
- Modification Work Order (MWO) installation
- Inspection and testing
- Mechanical/electrical engineering design and fabrication
- Systems integration services
- Industrial Operations Facility support services


The Solution
Tobyhanna Army Depot
Jointness
• 50% Joint Workload
• Ability to Consolidate DoD C-E Workload
Ranked #1 in Military Value for Logistics
• Builds on Previous BRACs
• Supports Military Value
DoD's Joint C4ISR Center
Cost Savings
• Effective Rates
• Economies of Scale
• ROI Funds Transformation
Capacity Optimizer
• Facilities
• Equipment
• Skill Base
• Community
DoD's CITE for Communications and Electronics
TOBYHANNA ARMY DEPOT
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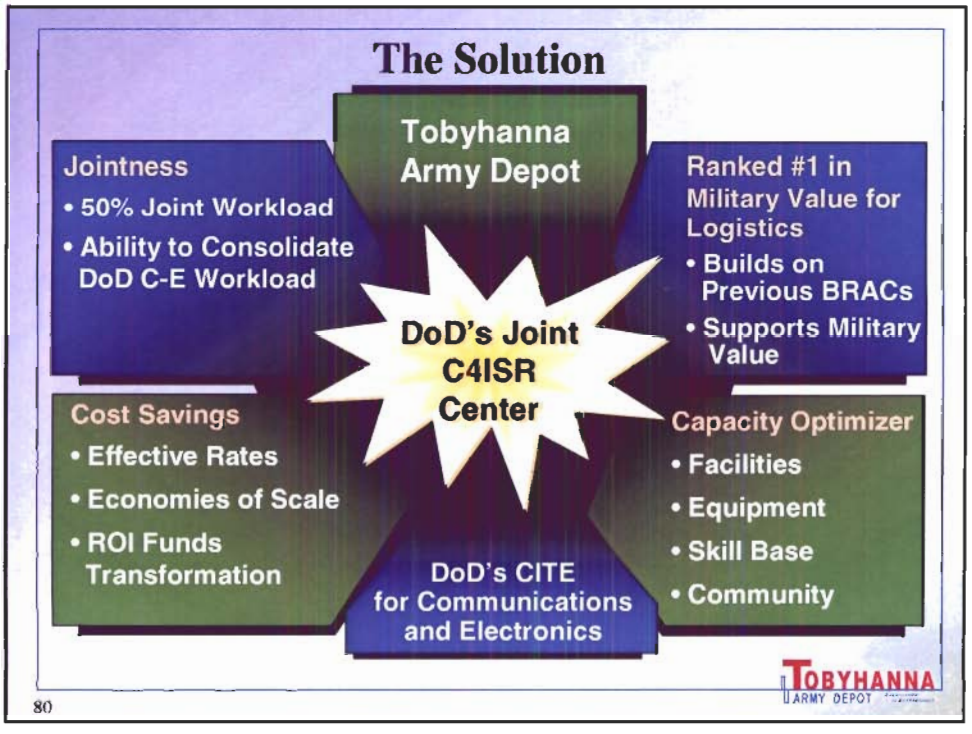
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• Skill Base
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DoD's CITE for Communications and Electronics
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Tobyhanna Army Depot
The C4ISR Logistics Support Center
of Choice for
Warfighter Readiness and Transformation
VISION
TOBYHANNA
ARMY DEPOT
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Tobyhanna Army Depot
The C4ISR Logistics Support Center
of Choice for
Warfighter Readiness and Transformation
VISION
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