

Lima Tank Plant, Ohio

Recommendation: Realign Lima Tank Plant, OH. Retain the portion required to support the manufacturing of armored combat vehicles to include Army Future Combat System (FCS) program, Marine Corps Expeditionary Force Vehicle (EFV) chassis, and M1 Tank recapitalization program.

Justification: Capacity and capability for armored combat vehicles exists at three sites with little redundancy among the sites. The acquisition strategy for the Army Future Combat System (FCS) and Marine Corps Expeditionary Force Vehicle includes the manufacturing of manned vehicle chassis at Lima Army Tank Plant. The impact of establishing this capability elsewhere would hinder the Department's ability to meet the USA and USMC future production schedule. This recommendation to retain only the portion of Lima Army Tank Plant required to support the FCS, EFV, and M1 tank recap, reduces the footprint. This allows DOD to remove excess from the Industrial Base, create centers of excellence, avoid single point failure, and generate efficiencies within the manufacture and maintenance of combat vehicles.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$.19M. The net of all savings to the Department during the implementation period is a savings of \$5.85M. Annual recurring savings to the Department after implementation are \$1.73M with payback expected immediately. The net present value of the costs and savings to the Department over 20 years is a savings of \$22.26M.

Economic Impact on Communities: This recommendation will not result in any job reductions (direct or indirect) over the period 2006-2011 in the Lima, OH Metropolitan Statistical Area. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: This recommendation has no impact on air quality; cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; water resources; or wetlands. This recommendation does not impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

IJCSG - Munitions / Armaments Capacity Report

<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Capacity Available to Surge/Excess Capacity*</i>
Armaments Production/Manufacturing						
	LIMA ARMY TANK PLT	866.9	666.2	3,525.6	0	2,859.4
	ROCK ISLAND ARSENAL	1,296.0	605.4	1,491.7	0	886.3
	WATERVLIET ARSENAL	627.1	304.9	1,343.1	0	1,038.2

* Capacity is measured in dlh(k)

Report Date: Thursday, April 21, 2005

Database Date: April 18, 2005

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IJCSG Summary Military Value Report for Munitions

Activity:

Score:

Armaments Production

ROCK ISLAND ARSENAL

0.9520

WATERVLIET ARSENAL

0.8687

LIMA ARMY TANK PLT

0.5844

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2006
 Payback Year : Immediate

NPV in 2025(\$K): -22,258
 1-Time Cost(\$K): 194

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	0	0	0	0	0
Overhd	-255	-543	-831	-1,119	-1,407	-1,695	-5,851	-1,727
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	-255	-543	-831	-1,119	-1,407	-1,695	-5,851	-1,727

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

Summary:

 Realign Lima Tank Plant, OH. Disestablish Tank Manufacturing. Retain the portion required to support the manufacturing of armored combat vehicles to include Army Future Combat System (FCS) program, Marine Corps Expeditionary Force Vehicle (EFV) chassis, and M1 Tank recapitalization program.

Department : Industrial
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Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	0	0	0	0	0
Overhd	32	32	32	32	32	32	194	0
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	32	32	32	32	32	32	194	0

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	0	0	0	0	0
Overhd	288	576	864	1,151	1,439	1,727	6,046	1,727
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	288	576	864	1,151	1,439	1,727	6,046	1,727

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Base	Personnel			
	Start*	Finish*	Change	%Change
LIMA TANK PLANT	45	45	0	0%
TOTAL	45	45	0	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
LIMA TANK PLANT	1,611,000	1,179,000	-432,000	-27%	0
TOTAL	1,611,000	1,179,000	-432,000	-27%	0

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
LIMA TANK PLANT	16,731,426	16,731,426	0	0%	0
TOTAL	16,731,426	16,731,426	0	0%	0

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LIMA TANK PLANT	3,808,893	2,787,514	-1,021,379	-27%	0
TOTAL	3,808,893	2,787,514	-1,021,379	-27%	0

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LIMA TANK PLANT	2,632,800	1,926,798	-706,002	-27%	0
TOTAL	2,632,800	1,926,798	-706,002	-27%	0

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LIMA TANK PLANT	23,173,119	21,445,738	-1,727,381	-7%	0
TOTAL	23,173,119	21,445,738	-1,727,381	-7%	0

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LIMA TANK PLANT	271,178,429	198,460,191	-72,718,238	-27%	0
TOTAL	271,178,429	198,460,191	-72,718,238	-27%	0

* "Start" and "Finish" values for Personnel and BOS both include the Programmed Installation Population (non-BRAC) Changes, so that only changes attributable to the BRAC action are reflected in the "Change" columns of this report.

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ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	32	32	32	32	32	32	194
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	32	32	32	32	32	32	194

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RECURRINGCOSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
 TOTAL COST	 32	 32	 32	 32	 32	 32	 194	 0
ONE-TIME SAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRINGSAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	170	340	511	681	851	1,021	3,575	1,021
Recap	118	235	353	471	588	706	2,471	706
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	288	576	864	1,151	1,439	1,727	6,046	1,727
TOTAL SAVINGS	288	576	864	1,151	1,439	1,727	6,046	1,727

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ONE-TIME NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	32	32	32	32	32	32	194	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	32	32	32	32	32	32	194	
RECURRING NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	-170	-340	-511	-681	-851	-1,021	-3,575	-1,021
Recap	-118	-235	-353	-471	-588	-706	-2,471	-706
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	-288	-576	-864	-1,151	-1,439	-1,727	-6,046	-1,727
TOTAL NET COST	-255	-543	-831	-1,119	-1,407	-1,695	-5,851	-1,727

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Base: LIMA TANK PLANT, OH (39462)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	32	32	32	32	32	32	194
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	32	32	32	32	32	32	194

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Base: LIMA TANK PLANT, OH (39462)

RECURRINGCOSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0

TOTAL COSTS 32 32 32 32 32 32 32 194 0

ONE-TIME SAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0

RECURRINGSAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
FAM HOUSE OPS								
	0	0	0	0	0	0	0	0
O&M								
Sustainment	170	340	511	681	851	1,021	3,575	1,021
Recap	118	235	353	471	588	706	2,471	706
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	288	576	864	1,151	1,439	1,727	6,046	1,727
TOTAL SAVINGS	288	576	864	1,151	1,439	1,727	6,046	1,727

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Base: LIMA TANK PLANT, OH (39462)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0	0
Info Tech	0	0	0	0	0	0	0	0
Other	32	32	32	32	32	32	194	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
HAP / RSE	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	32	32	32	32	32	32	194	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	-170	-340	-511	-681	-851	-1,021	-3,575	-1,021
Recap	-118	-235	-353	-471	-588	-706	-2,471	-706
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	-288	-576	-864	-1,151	-1,439	-1,727	-6,046	-1,727
TOTAL NET COST	-255	-543	-831	-1,119	-1,407	-1,695	-5,851	-1,727

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LIMA TANK PLANT, OH (39462)	2006	2007	2008	2009	2010	2011	Total
-----	----	----	----	----	----	----	----
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

SCENARIO ERROR REPORT (COBRA v6.10)

Data As Of 5/2/2005 9:42:17 AM, Report Created 5/2/2005 9:42:20 AM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
Plant Cobra 05022005.CBR
Option Pkg Name: Realign Lima Tank Plant
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Industrial" is not a recognized Department.

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code)	Strategy:
-----	-----
LIMA TANK PLANT, OH (39462)	Realignment

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: LIMA TANK PLANT, OH (39462)

Total Officer Employees:	4	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment (\$K/Year):	3,809
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	41	BOS Non-Payroll (\$K/Year):	16,731
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	520
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	271,178
Starting Facilities(KSF):	1,611	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	835	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	604		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.98		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	40.700000	Retiree	0 0 0
Longitude:	-84.133333	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: LIMA TANK PLANT, OH (39462)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		432		FH ShDn: 0.000%	

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:			
Perc Officers Accompanied:	72.00%	Priority Placement Program:	39.97%
Perc Enlisted Accompanied:	55.00%	PPP Actions Involving PCS:	50.70%
Officer Salary(\$/Year):	124,971.93	Civilian PCS Costs (\$):	35,496.00
Enlisted Salary(\$/Year):	82,399.09	Home Sale Reimburse Rate:	10.00%
Civilian Salary(\$/Year):	59,959.18	Max Home Sale Reimburs(\$):	50,000.00
Avg Unemploy Cost(\$/Week):	272.90	Home Purch Reimburse Rate:	5.00%
Unemployment Eligibility(Weeks):	16	Max Home Purch Reimburs(\$):	25,000.00
Civilians Not Willing To Move:	6.00%	Civilian Homeowning Rate:	68.40%
Civilian Turnover Rate:	9.16%	HAP Home Value Reimburse Rate:	13.46%
Civilian Early Retire Rate:	8.10%	HAP Homeowner Receiving Rate:	18.44%
Civilian Regular Retire Rate:	1.67%	RSE Home Value Reimburse Rate:	0.00%
Civilian RIF Pay Factor:	86.32%	RSE Homeowner Receiving Rate:	0.00%
Civ Early Retire Pay Factor:	18.03%		

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
	-----	-----	-----	-----
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	2.80%	

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
Option Pkg Name: Realign Lima Tank Plant
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb):	710	Storage-In-Transit (\$/Pers):	373.76
HHG Per Off Accomp (Lb):	15,290.00	POV Reimburse(\$/Mile):	0.20
HHG Per Enl Accomp (Lb):	9,204.00	Air Transport (\$/Pass Mile):	0.20
HHG Per Off Unaccomp (Lb):	13,712.00	IT Connect (\$/Person):	200.00
HHG Per Enl Unaccomp (Lb):	6,960.00	Misc Exp(\$/Direct Employee):	1,000.00
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Months):	30.02
Total HHG Cost (\$/100Lb):	8.78	One-Time Off PCS Cost(\$):	10,477.58
Equip Pack & Crate(\$/Ton):	180.67	One-Time Enl PCS Cost(\$):	3,998.52

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
Option Pkg Name: Realign Lima Tank Plant
Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE
=====

Realign Lima Tank Plant, OH. Disestablish Tank Manufacturing. Retain the portion required to support the manufacturing of armored combat vehicles to include Army Future Combat System (FCS) program, Marine Corps Expeditionary Force Vehicle (EFV) chassis, and M1 Tank recapitalization program.

FOOTNOTES FOR SCREEN FIVE
=====

432KSF: Fac ShDn is derived from Military Value question 2445.

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 5/2/2005 9:42:17 AM, Report Created 5/2/2005 9:42:21 AM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
Option Pkg Name: Realign Lima Tank Plant
Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
LIMA TANK PLANT	0	0	0
Totals:	0	0	0

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)
 Data As Of 5/2/2005 9:42:17 AM, Report Created 5/2/2005 9:42:21 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	-255,497	-251,993	-251,993
2007	-543,394	-521,345	-773,338
2008	-831,291	-775,836	-1,549,174
2009	-1,119,188	-1,016,078	-2,565,252
2010	-1,407,084	-1,242,657	-3,807,909
2011	-1,694,981	-1,456,139	-5,264,048
2012	-1,727,381	-1,443,554	-6,707,602
2013	-1,727,381	-1,404,235	-8,111,837
2014	-1,727,381	-1,365,988	-9,477,825
2015	-1,727,381	-1,328,782	-10,806,607
2016	-1,727,381	-1,292,589	-12,099,196
2017	-1,727,381	-1,257,382	-13,356,578
2018	-1,727,381	-1,223,135	-14,579,713
2019	-1,727,381	-1,189,820	-15,769,533
2020	-1,727,381	-1,157,412	-16,926,945
2021	-1,727,381	-1,125,887	-18,052,833
2022	-1,727,381	-1,095,221	-19,148,054
2023	-1,727,381	-1,065,390	-20,213,444
2024	-1,727,381	-1,036,372	-21,249,816
2025	-1,727,381	-1,008,144	-22,257,960

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	194,400	
Total - Overhead		194,400
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0

Total One-Time Costs		194,400

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		194,400

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LIMA TANK PLANT, OH (39462)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	194,400	
Total - Overhead		194,400
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0

Total One-Time Costs		194,400

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		194,400

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
 Data As Of 5/2/2005 9:42:17 AM, Report Created 5/2/2005 9:42:21 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	-170	-340	-511	-681	-851	-1,021	-3,575	-1,021
Recap Change	-118	-235	-353	-471	-588	-706	-2,471	-706
BOS Change	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	-288	-576	-864	-1,151	-1,439	-1,727	-6,046	-1,727

LIMA TANK PLANT, OH (39462)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	-170	-340	-511	-681	-851	-1,021	-3,575	-1,021
Recap Change	-118	-235	-353	-471	-588	-706	-2,471	-706
BOS Change	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	-288	-576	-864	-1,151	-1,439	-1,727	-6,046	-1,727

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	----
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LIMA TANK PLANT, OH (39462)Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
 Data As Of 5/2/2005 9:42:17 AM, Report Created 5/2/2005 9:42:21 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LIMA TANK PLANT, OH (39462)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	16.67%
2007	0	0.00%	16.67%	0	0.00%	16.67%
2008	0	0.00%	16.67%	0	0.00%	16.67%
2009	0	0.00%	16.67%	0	0.00%	16.67%
2010	0	0.00%	16.67%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
 Data As Of 5/2/2005 9:42:17 AM, Report Created 5/2/2005 9:42:20 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank
 Plant Cobra 05022005.CBR
 Option Pkg Name: Realign Lima Tank Plant
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
4	0	0	41

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
4	0	0	41

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0115 Realign Lima Army Tank Plant\IND 0115 Realign Lima Tank Plant Cobra 05022005.CBR
Option Pkg Name: Realign Lima Tank Plant
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: LIMA TANK PLANT, OH (39462)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: LIMA TANK PLANT, OH (39462)

Officers	Enlisted	Students	Civilians
----- 4	----- 0	----- 0	----- 41

BASE POPULATION (After BRAC Action) FOR: LIMA TANK PLANT, OH (39462)

Officers	Enlisted	Students	Civilians
----- 4	----- 0	----- 0	----- 41

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

IND-0115: Realign Lima Tank Plant

The data in this report is rolled up by Region of Influence

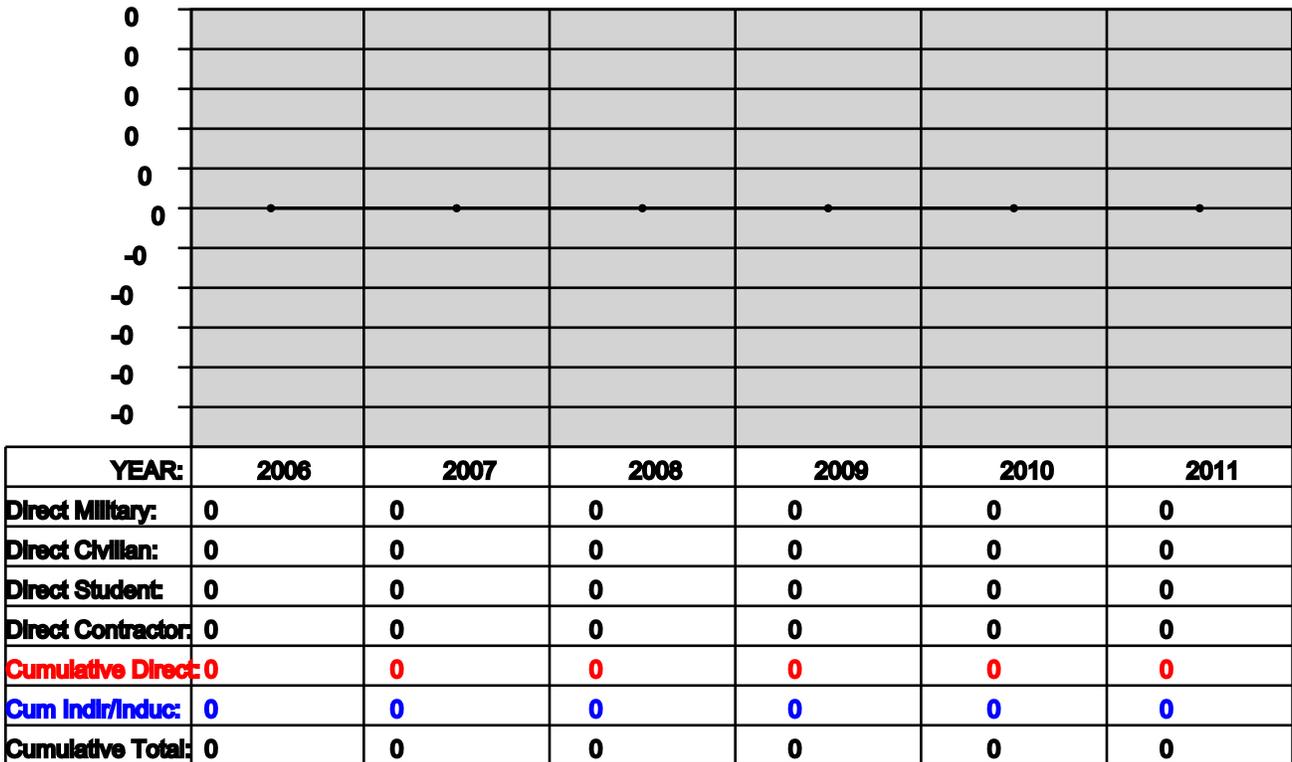
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Lima, OH Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

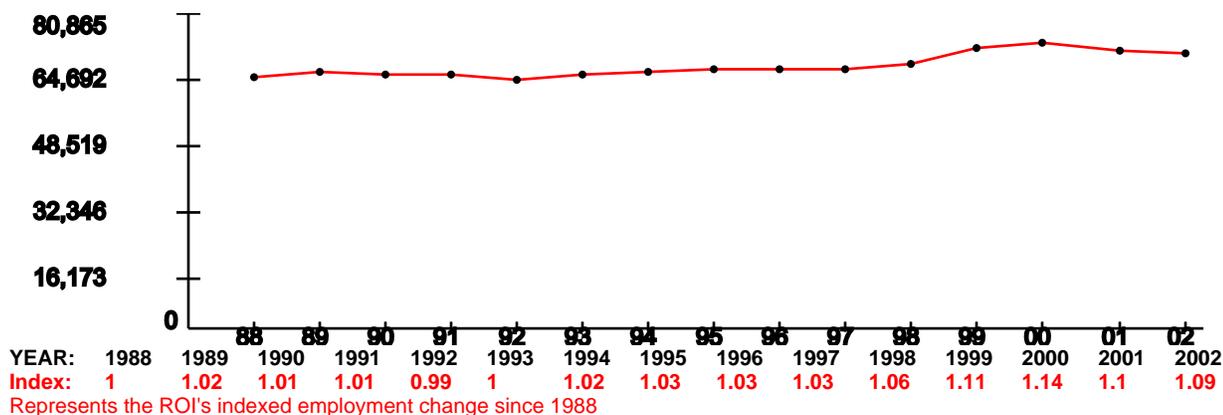
ROI Population (2002): 108,113
 ROI Employment (2002): 70,835
 Authorized Manpower (2005): 45
 Authorized Manpower(2005) / ROI Employment(2002): 0.06%
 Total Estimated Job Change: 0
 Total Estimated Job Change / ROI Employment(2002): 0%

Cumulative Job Change (Gain/Loss) Over Time:

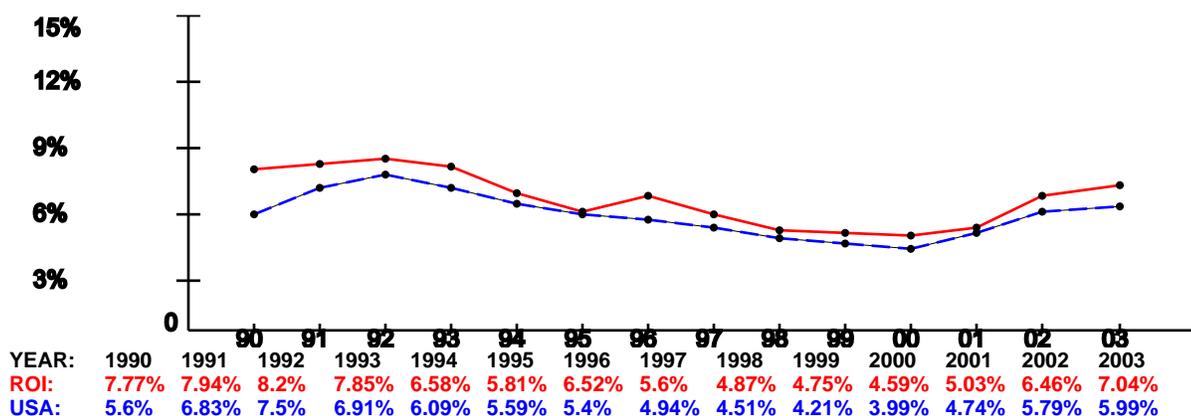


Lima, OH Metropolitan Statistical Area Trend Data

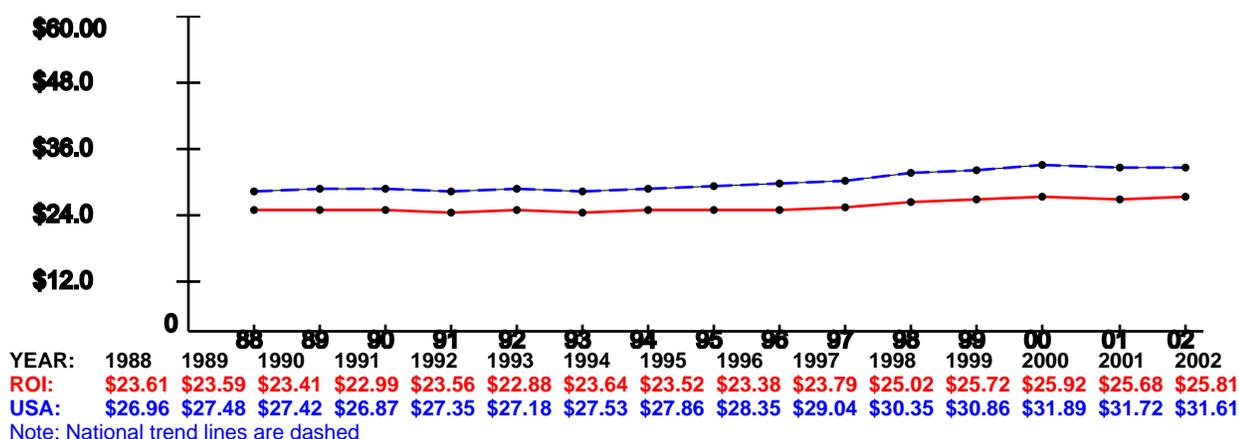
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



LIMA ARMY TANK PLT, OH

Demographics

The following tables provide a short description of the area near the installation/activity. LIMA ARMY TANK PLT is 69.7 miles from Dayton, OH, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Lima MSA	155,084

The following entities comprise the military housing area (MHA):

County/City	Population
Allen	108473
Total	108,473

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 0

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$39,284	Basis: MSA
Median House Value	(US Avg \$119,600)	\$84,900	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 835	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State			

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: "MFR" means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

This document may contain information protected from disclosure by public law, regulations or orders.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	23,235	9 of 9 districts
Students Enrolled	17,427	9 of 9 districts
Average Pupil/Teacher Ratio	16.0:1	9 of 9 districts
High School Students Enrolled	5,440	9 of 9 districts
Average High School Graduation Rate (US Avg 67.3%)	85.2%	9 of 9 districts
Average Composite SAT I Score (US Avg 1026)		9 of 9 districts
Average ACT Score (US Avg 20.8)	2	9 of 9 districts
Available Graduate/PhD Programs	4	
Available Colleges and/or Universities	7	
Available Vocational and/or Technical Schools	5	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.5%	4.2%	4.8%	6.2%	6.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.6%	.5%	-1.1%	-1.7%	1.2%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 1 county	1 of 1 county	1 of 1 county	MSA	1 of 1 county

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	4,693	Basis: MSA
Vacant Sale Units	813	
Vacant Rental Units	1,821	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	278	645	155,084	Basis: MSA
Ratio	1:558	1:240		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	3,662.0	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from LIMA ARMY TANK PLT to nearest commercial airport: 63.0 miles
 Is LIMA ARMY TANK PLT served by regularly scheduled public transportation? No

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

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SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS

[TABS FINAL VERSION]

SCENARIO # 187

TITLE: IND-0115V2 REALIGN LIMA TANK PLANT

GENERAL DESCRIPTION:

REALIGN LIMA TANK PLANT, OH. RETAIN THE PORTION REQUIRED TO SUPPORT THE MANUFACTURING OF ARMORED COMBAT VEHICLES TO INCLUDE ARMY FUTURE COMBAT SYSTEM PROGRAM (FCS), MARINE CORPS EXPEDITIONARY FORCE VEHICLE (EFV) CHASSIS, AND M1 TANK RECAPITALIZATION PROGRAM.

NOTES: NO ENVIRONMENTAL COSTS APPLY SINCE ONLY A PORTION OF THE INSTALLATION WILL BE "MOTHBALLED" BY THE ARMY.

ANALYST: _____

LAST UPDATE: 27 APRIL 2005

Env Resource Area	<i>Losing Installation Assessment</i> Inst Name: Lima Tank Plant	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	Environmental impact in all 10 areas is considered neutral or positive to losing installation.
Cultural/ Archeological Resources	No impact	
Dredging	No impact	
Land Use Constraints/Sensitive Resource Areas	No Impact	
Marine Mammals/ Marine Resources / Marine Sanctuaries	No impact	
Noise	No impact	
Threatened & Endangered Species/ Critical Habitat	No impact	
Waste Management	No impact	

Water Resources	No impact	
Wetlands	No impact	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO # *IND-0115v2 (187)*

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: N/A	Losing Installation Inst Name: Lima Tank Plant
Environmental Restoration*	None.	None
Waste Management	None.	None
Environmental Compliance	None.	None
COBRA Costs:	None.	None

INSTALLATION ENVIRONMENTAL PROFILE

LIMA ARMY TANK PLT

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. LIMA ARMY TANK PLT is in Attainment for all Criteria Pollutants. LIMA ARMY TANK PLT is proposed to be in Moderate Nonattainment for Ozone (8 hour). LIMA ARMY TANK PLT is proposed to be in Moderate Nonattainment for PM 2.5. It holds a CAA Major Operating Permit. LIMA ARMY TANK PLT is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS. Permit exceedances reported.

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. No historic property has been identified on LIMA ARMY TANK PLT. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified.

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. LIMA ARMY TANK PLT has no impediments to dredging.

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife

that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

- b. LIMA ARMY TANK PLT reports that 83 unconstrained acres are available for development out of 369 total acres. LIMA ARMY TANK PLT has spent \$0M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$0M. LIMA ARMY TANK PLT does not have Explosive Safety Quantity Distance Arcs.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. LIMA ARMY TANK PLT is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. LIMA ARMY TANK PLT does not have noise contours that extend off the installation's property. It does not have published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. LIMA ARMY TANK PLT reported that federally-listed TES are not present, candidate species are not present, critical habitat is not present, and the installation does not have a Biological Opinion.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.
- b. LIMA ARMY TANK PLT does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF). LIMA ARMY TANK PLT does not have an interim or final RCRA Part X facility. LIMA ARMY TANK PLT does not have an on-base solid waste disposal facility.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. LIMA ARMY TANK PLT does not discharge to an impaired waterway. Groundwater contamination is not reported. Surface water contamination is not reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
LIMA ARMY TANK PLT has 4984.6000000000004 Acre-Feet of surplus water potentially available for expansion. On average, it uses .07 MGD of potable and non-potable water, with the capacity to produce 4.2999999999999998 MGD. It processed on average 0 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.374 MGD. It processed on average 7.0000000000000007E-2 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process (No Capacity Reported) MGD.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. LIMA ARMY TANK PLT reported 3% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.