

Lone Star Army Ammunition Plant, Texas

Recommendation: Close Lone Star Army Ammunition Plant (AAP), TX. Relocate the Storage and Demilitarization functions to McAlester AAP, IL. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, Hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane Army Ammunition Activity (AAA), IN.

Justification: Capacity and capability for Artillery, Mortars, Missiles, Pyro/Demo, and Storage exists at numerous munitions sites. There are 8 sites producing Artillery, 5 producing Mortars, 9 producing Pyro-Demo, 15 performing storage, and 13 performing Demilitarization. To reduce redundancy and remove excess from the Industrial Base, the closure allows DoD to create centers of excellence, avoid single point failure, and generate efficiencies. Goal is to establish multi-functional sites performing Demilitarization, Production, Maintenance, and Storage. Lone Star primarily performs only one of the 4 functions.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$28.98M. The net of all costs and savings to the Department during the implementation period is a cost of \$4.66M. Annual recurring savings to the Department after implementation are \$17.31M with a payback expected within 1 year. The Net Present Value of the costs and savings to the Department over 20 years is a savings of \$164.23M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 229 jobs (149 direct jobs and 80 indirect jobs) over the period of 2006-2011 in the Texarkana, TX-Texarkana, AR Metropolitan Statistical Area, which is 0.34 percent of economic area employment. 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: Surveys and consultation with the State Historic Preservation Officer will be required at Lone Star to ensure protection of cultural resources. Remediation of munitions contaminants on three operational ranges may be required at Lone Star. Continued management and/or deed restrictions at Lone Star may be necessary to ensure future protection of federally listed species. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required to prevent disturbance and health/safety risks and/or long-term release of toxins to environmental media. Restoration and/or monitoring of contaminated media may be required after

closure in order to prevent significant long-term impacts to the environment. Lone Star has an industrial wastewater treatment plan that may require closure. This recommendation has no impact on air quality; dredging; marine mammals, resources, or sanctuaries; noise; or wetlands. This recommendation will require spending approximately \$5.35M for environmental compliance activities. This cost was included in the payback calculation. Lone Star reports approximately \$2.742M in environmental restoration costs. Because the Department of Defense has a legal obligation to perform environmental restoration regardless of whether an installation is closed, realigned, or remains open, this cost was not included in the payback calculation. This recommendation does not otherwise 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>
MUNITIONS STORAGE						
	ANNISTON ARMY DEPOT	3,296.4	2,293.9	3,296.4	0	1,002.5
	BLUE GRASS ARMY DEPOT	6,021.0	4,817.4	6,021.0	0	1,203.6
	CRANE ARMY AMMUNITION ACTIVITY	8,020.8	5,721.3	8,020.8	0	2,299.5
	DESERET CHEMICAL DEPOT	909.0	709.0	909.0	0	200.0
	HAWTHORNE ARMY DEPOT	9,738.0	5,603.0	9,738.0	0	4,135.0
	HOLSTON AAP	405.8	90.6	405.8	0	315.2
	IOWA AAP	1,148.8	503.4	1,148.8	0	645.4
	KANSAS ARMY AMMUNITION PLANT	1,238.5	895.9	1,238.5	0	342.6
	LAKE CITY AAP	1,094.0	1,094.0	1,094.0	0	0.0
	LETTERKENNY ARMY DEPOT	3,613.4	2,472.2	3,613.4	0	1,141.2
	LONE STAR AAP	1,030.6	824.5	1,030.6	0	206.1
	LOUISIANA AAP	350.0	270.4	350.0	0	79.6
	MCALESTER AAP	10,637.1	6,522.0	10,637.1	0	4,115.1
	MILAN AAP	3,258.1	829.9	3,258.1	0	2,428.2
	MISSISSIPPI AAP	105.4	0.0	105.4	0	105.4
	NEWPORT CHEM DEPOT	11.6	11.6	11.6	0	0.0
	PINE BLUFF ARSENAL	4,192.2	3,794.4	4,192.2	0	397.8
	PUEBLO CHEM DEPOT	1,475.2	161.6	1,475.2	0	1,313.6

* Capacity is measured in ksf

Report Date: Thursday, April 21, 2005

Database Date: April 18, 2005

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IJCSG - Munitions / Armaments Capacity Report

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MUNITIONS STORAGE						
	RADFORD AAP	921.2	641.6	921.2	0	279.6
	RED RIVER ARMY DEPOT	2,747.6	1,732.9	2,747.6	0	1,014.7
	SIERRA ARMY DEPOT	5,649.5	1,019.0	5,649.5	0	4,630.5
	TOOELE ARMY DEPOT	5,239.6	3,265.0	5,239.6	0	1,974.6
	UMATILLA CHEM DEPOT	2,457.7	728.1	2,457.7	0	1,729.6

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IJCSG Summary Military Value Report for Munitions

Activity:

Score:

Munitions Production

MCALESTER AAP	0.5967
MILAN AAP	0.5708
LONE STAR AAP	0.5319
CRANE ARMY AMMUNITION ACTIVITY	0.4836
NAVSURFWARCENDIV_INDIAN_HEAD_MD	0.4592
IOWA AAP	0.3144
LAKE CITY AAP	0.2992
KANSAS ARMY AMMUNITION PLANT	0.2781
RADFORD AAP	0.2735
SCRANTON AAP	0.2450
NSWC_INDIAN_HEAD_DET_YORKTOWN	0.2042
PINE BLUFF ARSENAL	0.1911
HOLSTON AAP	0.1493

IJCSG Summary Military Value Report for Munitions

Activity:

Score:

RIVERBANK AAP

0.1075

MISSISSIPPI AAP

0.0765

LOUISIANA AAP

0.0343

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>
Munitions Production						
	CRANE ARMY AMMUNITION ACTIVITY	513,720.0	31,486.	684,360.0	0	652,874.0
	HOLSTON AAP	300,000.0	957,340	1,300,000.0	0	342,660.0
	IOWA AAP	224,692.0	31,490.	232,692.0	0	201,202.0
	KANSAS ARMY AMMUNITION PLANT	535,992.0	246.0	3,581,828.0	0	3,581,582.0
	LAKE CITY AAP	71,030,000.0	60,680,	86,937,000.0	0	26,256,600.0
	LONE STAR AAP	24,143,996.0	664,901	24,143,996.0	0	23,479,095.0
	LOUISIANA AAP	0.0	0.0	20,000.0	0	20,000.0
	MCALESTER AAP	39,625.0	15,187.	64,627.0	0	49,440.0
	MILAN AAP	1,150,275.0	324,440	1,160,475.0	0	836,035.0
	MISSISSIPPI AAP	0.0	0.0	4,000,000.0	0	4,000,000.0
	NAVSURFWARCENDIV_INDIAN_HEAD_MD	514,687.0	34,913.	965,607.0	0	930,694.0
	NSWC_INDIAN_HEAD_DET_YORKTOWN	3,510.0	4.0	3,510.0	0	3,506.0
	PINE BLUFF ARSENAL	154,200.0	45,058.	585,080.0	0	540,022.0
	RADFORD AAP	883,596.0	1,407,9	3,431,315.0	0	2,023,329.0
	RIVERBANK AAP	15,000.0	5,000.0	1,068,000.0	0	1,063,000.0
	SCRANTON AAP	46,000.0	37,000.	50,000.0	0	13,000.0

* Capacity and lbs or each(s) as applicable

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IJCSG Summary Military Value Report for Munitions

Activity:

Score:

Demilitarization

HAWTHORNE ARMY DEPOT	0.8181
TOOELE ARMY DEPOT	0.7257
MCALESTER AAP	0.6995
LETTERKENNY ARMY DEPOT	0.4704
BLUE GRASS ARMY DEPOT	0.3104
CRANE ARMY AMMUNITION ACTIVITY	0.2971
RED RIVER ARMY DEPOT	0.1671
IOWA AAP	0.1420
ANNISTON ARMY DEPOT	0.1205

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Activity:

Score:

PINE BLUFF ARSENAL	0.0078
KANSAS ARMY AMMUNITION PLANT	0.0074
LONE STAR AAP	0.0071
LAKE CITY AAP	0.0006

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MUNITIONS DEMILITARIZATION						
	ANNISTON ARMY DEPOT	23,670.0	2,281.0	23,670.0	0	21,389.0
	BLUE GRASS ARMY DEPOT	10,608.9	971.3	13,060.6	0	12,089.3
	CRANE ARMY AMMUNITION ACTIVITY	6,302.7	2,861.6	6,850.7	0	3,989.1
	HAWTHORNE ARMY DEPOT	38,049.2	0.0	38,049.2	0	38,049.2
	IOWA AAP	749.2	730.2	749.2	0	19.0
	KANSAS ARMY AMMUNITION PLANT	376.0	7.0	393.0	0	386.0
	LAKE CITY AAP	182.0	161.0	243.0	0	82.0
	LETTERKENNY ARMY DEPOT	3,957.3	491.7	7,522.9	0	7,031.2
	LONE STAR AAP	1,178.0	758.3	2,142.6	0	1,384.3
	MCALESTER AAP	11,551.0	788.0	11,551.0	0	10,763.0
	PINE BLUFF ARSENAL	12.0	0.4	10.6	0	10.2
	RED RIVER ARMY DEPOT	6,798.5	224.4	8,158.2	0	7,933.8
	TOOELE ARMY DEPOT	11,416.0	584.2	51,388.0	0	50,803.8

* Capacity is measured in short tons

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Activity:

Score:

Storage and Distribution

MCALESTER AAP	0.6168
HAWTHORNE ARMY DEPOT	0.5789
CRANE ARMY AMMUNITION ACTIVITY	0.4131
RED RIVER ARMY DEPOT	0.3298
TOOELE ARMY DEPOT	0.3282
SIERRA ARMY DEPOT	0.2879
BLUE GRASS ARMY DEPOT	0.2607
LOUISIANA AAP	0.2441
ANNISTON ARMY DEPOT	0.1803
LETTERKENNY ARMY DEPOT	0.1671

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<i>Activity:</i>	<i>Score:</i>
UMATILLA CHEM DEPOT	0.1280
MILAN AAP	0.1117
IOWA AAP	0.0642
PINE BLUFF ARSENAL	0.0409
RADFORD AAP	0.0377
LAKE CITY AAP	0.0375
PUEBLO CHEM DEPOT	0.0332
DESERET CHEMICAL DEPOT	0.0268
KANSAS ARMY AMMUNITION PLANT	0.0231
NEWPORT CHEM DEPOT	0.0205
LONE STAR AAP	0.0090
HOLSTON AAP	0.0024

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2011
 Payback Year : 2012 (1 Year)

NPV in 2025(\$K): -164,229
 1-Time Cost(\$K): 28,975

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	-161	-603	-699	-1,463	-1,459
Overhd	583	437	328	-3,514	-3,827	-13,833	-19,825	-15,851
Moving	0	0	4,474	71	0	71	4,616	0
Missio	0	0	0	0	0	0	0	0
Other	0	17,434	0	2,600	0	1,300	21,334	0
TOTAL	583	17,871	4,802	-1,004	-4,430	-13,161	4,661	-17,311

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
POSITIONS ELIMINATED							
Off	0	0	0	1	0	1	2
Enl	0	0	0	0	0	0	0
Civ	0	0	0	7	0	11	18
TOT	0	0	0	8	0	12	20

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
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:

 Close Lone Star Army Ammunition Plant, TX. Relocate the Storage and Demilitarization functions to McAlester, OK. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane AAA, IN.

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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	146	0	332	478	0
Overhd	9,044	8,898	8,789	8,959	8,645	8,977	53,313	8,461
Moving	0	0	4,474	71	0	71	4,616	0
Missio	0	0	0	0	0	0	0	0
Other	0	17,434	0	2,600	0	1,300	21,334	0
TOTAL	9,044	26,332	13,263	11,776	8,645	10,679	79,741	8,461

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	307	603	1,031	1,941	1,459
Overhd	8,461	8,461	8,461	12,473	12,473	22,810	73,139	24,312
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	8,461	8,461	8,461	12,780	13,075	23,841	75,080	25,772

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Base	Personnel			
	Start*	Finish*	Change	%Change
LONE STAR AAP	20	0	-20	-100%
MILAN AAP	25	25	0	0%
CRANE AAP	486	486	0	0%
IOWA AAP	31	31	0	0%
MCALESTER	1,314	1,314	0	0%
TOTAL	1,876	1,856	-20	-1%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
LONE STAR AAP	3,494,000	0	-3,494,000	-100%	174,700
MILAN AAP	3,548,000	3,548,000	0	0%	0
CRANE AAP	7,199,000	7,199,000	0	0%	0
IOWA AAP	4,054,000	4,054,000	0	0%	0
MCALESTER	9,677,000	9,677,000	0	0%	0
TOTAL	27,972,000	24,478,000	-3,494,000	-12%	174,700

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
LONE STAR AAP	5,833,963	0	-5,833,963	-100%	291,698
MILAN AAP	8,340,018	8,340,018	0	0%	0
CRANE AAP	15,821,992	15,821,992	0	0%	0
IOWA AAP	8,058,335	8,058,335	0	0%	0
MCALESTER	23,613,891	23,613,891	0	0%	0
TOTAL	61,668,199	55,834,236	-5,833,963	-9%	291,698

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LONE STAR AAP	10,017,361	0	-10,017,361	-100%	500,868
MILAN AAP	10,457,679	10,457,679	0	0%	0
CRANE AAP	15,474,275	15,474,275	0	0%	0
IOWA AAP	14,105,237	14,105,237	0	0%	0
MCALESTER	21,594,562	21,594,562	0	0%	0
TOTAL	71,649,114	61,631,753	-10,017,361	-14%	500,868

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LONE STAR AAP	8,461,190	0	-8,461,190	-100%	423,059
MILAN AAP	10,747,237	10,747,237	0	0%	0
CRANE AAP	19,710,851	19,710,851	0	0%	0
IOWA AAP	12,359,618	12,359,618	0	0%	0
MCALESTER	24,238,791	24,238,791	0	0%	0
TOTAL	75,517,688	67,056,498	-8,461,190	-11%	423,059

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Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
-----	-----	-----	-----	-----	-----
LONE STAR AAP	24,312,514	0	-24,312,514	-100%	1,215,626
MILAN AAP	29,544,934	29,544,934	0	0%	0
CRANE AAP	51,007,119	51,007,119	0	0%	0
IOWA AAP	34,523,190	34,523,190	0	0%	0
MCALESTER	69,447,244	69,447,244	0	0%	0
-----	-----	-----	-----	-----	-----
TOTAL	208,835,001	184,522,487	-24,312,514	-12%	1,215,626

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
-----	-----	-----	-----	-----	-----
LONE STAR AAP	871,502,575	0	-871,502,575	-100%	43,575,129
MILAN AAP	1,106,965,374	1,106,965,374	0	0%	0
CRANE AAP	2,030,217,695	2,030,217,695	0	0%	0
IOWA AAP	1,273,040,715	1,273,040,715	0	0%	0
MCALESTER	2,496,595,519	2,496,595,519	0	0%	0
-----	-----	-----	-----	-----	-----
TOTAL	7,778,321,878	6,906,819,303	-871,502,575	-11%	43,575,129

* "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	115	0	287	402
Civ Retire	0	0	0	12	0	12	24
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	71	0	71	142
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	9	0	22	31
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	583	437	328	246	184	138	1,918
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	251	0	377	629
1-Time Move	0	0	4,474	0	0	0	4,474
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	10	0	10	21
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	4,050	0	0	0	1,300	5,350
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	13,384	0	2,600	0	0	15,984
TOTAL ONE-TIME	583	17,871	4,802	3,315	184	2,218	28,975

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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	8,461	8,461	8,461	8,461	8,461	8,461	50,766	8,461
TOTAL RECUR	8,461	8,461	8,461	8,461	8,461	8,461	50,766	8,461
TOTAL COST	9,044	26,332	13,263	11,776	8,645	10,679	79,741	8,461
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	0	0	0	4,007	4,007	8,515	16,529	10,017
Recap	8,461	8,461	8,461	8,461	8,461	8,461	50,767	8,461
BOS	0	0	0	4	4	5,834	5,843	5,834
Civ Salary	0	0	0	233	465	831	1,529	1,197
MIL PERSONNEL								
Off Salary	0	0	0	62	125	187	375	250
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	12	12	12	37	12
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	8,461	8,461	8,461	12,780	13,075	23,841	75,080	25,772
TOTAL SAVINGS	8,461	8,461	8,461	12,780	13,075	23,841	75,080	25,772

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	127	0	299	426	
Civ Moving	0	0	0	71	0	71	142	
Info Tech	0	0	0	0	0	0	0	
Other	583	437	4,802	506	184	538	7,052	
MIL PERSONNEL								
Mil Moving	0	0	0	10	0	10	21	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	4,050	0	0	0	1,300	5,350	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	13,384	0	2,600	0	0	15,984	
TOTAL ONE-TIME	583	17,871	4,802	3,315	184	2,218	23,625	
RECURRING NET								
-----(\$K)-----	---- <th>2007</th> <th>2008</th> <th>2009</th> <th>2010</th> <th>2011</th> <th>Total</th> <th>Beyond</th>	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-4,007	-4,007	-8,515	-16,529	-10,017
Recap	-8,461	-8,461	-8,461	-8,461	-8,461	-8,461	-50,767	-8,461
BOS	0	0	0	-4	-4	-5,834	-5,843	-5,834
Civ Salary	0	0	0	-233	-465	-831	-1,529	-1,197
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-62	-125	-187	-375	-250
House Allow	0	0	0	-12	-12	-12	-37	-12
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	8,461	8,461	8,461	8,461	8,461	8,461	50,766	8,461
TOTAL RECUR	-0	-0	-0	-4,319	-4,614	-15,380	-24,314	-17,311
TOTAL NET COST	583	17,871	4,802	-1,004	-4,430	-13,161	4,661	-17,311

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)

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 RIFs	0	0	0	115	0	287	402
Civ Retire	0	0	0	12	0	12	24
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	71	0	71	142
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	9	0	22	31
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	583	437	328	246	184	138	1,918
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	251	0	377	629
1-Time Move	0	0	2,722	0	0	0	2,722
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	10	0	10	21
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	1,300	1,300
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	4,025	0	2,600	0	0	6,625
TOTAL ONE-TIME	583	4,462	3,050	3,315	184	2,218	13,814

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
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	8,461	8,461	8,461	8,461	8,461	8,461	50,766	8,461
TOTAL RECUR	8,461	8,461	8,461	8,461	8,461	8,461	50,766	8,461
TOTAL COSTS	9,044	12,923	11,511	11,776	8,645	10,679	64,580	8,461
ONE-TIME SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
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
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	4,007	4,007	8,515	16,529	10,017
Recap	8,461	8,461	8,461	8,461	8,461	8,461	50,767	8,461
BOS	0	0	0	4	4	5,834	5,843	5,834
Civ Salary	0	0	0	233	465	831	1,529	1,197
MIL PERSONNEL								
Off Salary	0	0	0	62	125	187	375	250
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	12	12	12	37	12
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	8,461	8,461	8,461	12,780	13,075	23,841	75,080	25,772
TOTAL SAVINGS	8,461	8,461	8,461	12,780	13,075	23,841	75,080	25,772

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	127	0	299	426	
Civ Moving	0	0	0	71	0	71	142	
Info Tech	0	0	0	0	0	0	0	
Other	583	437	3,050	506	184	538	5,300	
MIL PERSONNEL								
Mil Moving	0	0	0	10	0	10	21	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	1,300	1,300	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	4,025	0	2,600	0	0	6,625	
TOTAL ONE-TIME	583	4,462	3,050	3,315	184	2,218	13,814	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-4,007	-4,007	-8,515	-16,529	-10,017
Recap	-8,461	-8,461	-8,461	-8,461	-8,461	-8,461	-50,767	-8,461
BOS	0	0	0	-4	-4	-5,834	-5,843	-5,834
Civ Salary	0	0	0	-233	-465	-831	-1,529	-1,197
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-62	-125	-187	-375	-250
House Allow	0	0	0	-12	-12	-12	-37	-12
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	8,461	8,461	8,461	8,461	8,461	8,461	50,766	8,461
TOTAL RECUR	-0	-0	-0	-4,319	-4,614	-15,380	-24,314	-17,311
TOTAL NET COST	583	4,462	3,050	-1,004	-4,430	-13,161	-10,500	-17,311

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MILAN AAP, TN (47579)

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 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	0	0	0	0	0	0	0
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	1,000	0	0	0	0	1,000
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	3,759	0	0	0	0	3,759
TOTAL ONE-TIME	0	4,759	0	0	0	0	4,759

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MILAN AAP, TN (47579)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
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	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	1,000	0	0	0	0	1,000	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	3,759	0	0	0	0	3,759	
TOTAL ONE-TIME	0	4,759	0	0	0	0	4,759	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
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								
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	0	0	0	0	0	0	0	0
TOTAL NET COST	0	4,759	0	0	0	0	4,759	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$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	0	0	0	0	0	0	0
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	1,050	0	0	0	0	1,050
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	75	0	0	0	0	75
TOTAL ONE-TIME	0	1,125	0	0	0	0	1,125

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
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	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	1,050	0	0	0	0	1,050	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	75	0	0	0	0	75	
TOTAL ONE-TIME	0	1,125	0	0	0	0	1,125	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
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								
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	0	0	0	0	0	0	0	0
TOTAL NET COST	0	1,125	0	0	0	0	1,125	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: IOWA AAP, IA (19422)	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	0	0	0	0	0	0	0
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	1,000	0	0	0	0	1,000
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	5,525	0	0	0	0	5,525
TOTAL ONE-TIME	0	6,525	0	0	0	0	6,525

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: IOWA AAP, IA (19422)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
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	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	1,000	0	0	0	0	1,000	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	5,525	0	0	0	0	5,525	
TOTAL ONE-TIME	0	6,525	0	0	0	0	6,525	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M	0	0	0	0	0	0	0	0
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								
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	0	0	0	0	0	0	0	0
TOTAL NET COST	0	6,525	0	0	0	0	6,525	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$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	0	0	0	0	0	0	0
1-Time Move	0	0	1,752	0	0	0	1,752
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	1,000	0	0	0	0	1,000
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	1,000	1,752	0	0	0	2,752

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
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	0	0	1,752	0	0	0	1,752	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	1,000	0	0	0	0	1,000	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	1,000	1,752	0	0	0	2,752	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
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								
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	0	0	0	0	0	0	0	0
TOTAL NET COST	0	1,000	1,752	0	0	0	2,752	0

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 5/2/2005 2:20:07 PM, Report Created 5/2/2005 2:20:09 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

LONE STAR AAP, TX (48513)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	1	0	1	2
NET CHANGE-Mil	0	0	0	-1	0	-1	-2
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	7	0	11	18
NET CHANGE-Civ	0	0	0	-7	0	-11	-18
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

MILAN AAP, TN (47579)

	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

CRANE AAP, IN (18174)

	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

IOWA AAP, IA (19422)

	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

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
05022005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

MCALESTER, OK (40549)

	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 2:20:07 PM, Report Created 5/2/2005 2:20:09 PM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
05022005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 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:
-----	-----
LONE STAR AAP, TX (48513)	Closes in FY 2011
MILAN AAP, TN (47579)	Realignment
CRANE AAP, IN (18174)	Realignment
IOWA AAP, IA (19422)	Realignment
MCALESTER, OK (40549)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE
 (Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: LONE STAR AAP, TX (48513)

Total Officer Employees:	2	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	10,017
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	18	BOS Non-Payroll (\$K/Year):	5,834
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	871,502
Starting Facilities(KSF):	3,494	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,027	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	774		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.89		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:	33.418056	Retiree	0 0 0
Longitude:	-94.418056	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MILAN AAP, TN (47579)

Total Officer Employees:	2	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	10,458
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	23	BOS Non-Payroll (\$K/Year):	8,340
Accomp Mil not Receiving BAH:	100.0%	BOS Payroll (\$K/Year):	1,009
Officer Housing Units Avail:	6	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	15	Installation PRV(\$K):	1,106,965
Starting Facilities(KSF):	3,548	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	811	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	615		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.87		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:	35.933333	Retiree	0 0 0
Longitude:	-88.783333	Retiree65+	0 0 0

Name: CRANE AAP, IN (18174)

Total Officer Employees:	2	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	2	Total Sustainment(\$K/Year):	15,474
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	419	BOS Non-Payroll (\$K/Year):	15,730
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	251
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	2,030,218
Starting Facilities(KSF):	7,199	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,002	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	751		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.05		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:	39.716667	Retiree	0 0 0
Longitude:	-86.266667	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: IOWA AAP, IA (19422)

Total Officer Employees:	2	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	14,105
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	29	BOS Non-Payroll (\$K/Year):	8,058
Accomp Mil not Receiving BAH:	1.3%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	10
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,273,041
Starting Facilities(KSF):	4,054	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,039	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	821		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.10		Admits Visits Prescrip
Per Diem Rate (\$/Day):	102	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:	42.533333	Retiree	0 0 0
Longitude:	-93.266667	Retiree65+	0 0 0

Name: MCALESTER, OK (40549)

Total Officer Employees:	3	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	33	Total Sustainment(\$K/Year):	21,594
Total Student Employees:	34	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	1,308	BOS Non-Payroll (\$K/Year):	23,744
Accomp Mil not Receiving BAH:	7.3%	BOS Payroll (\$K/Year):	20,023
Officer Housing Units Avail:	1	Family Housing (\$K/Year):	60
Enlisted Housing Units Avail:	3	Installation PRV(\$K):	2,496,595
Starting Facilities(KSF):	9,677	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	872	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	615		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.84		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	0.00 120.57 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 97 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	15 1,018 0
Latitude:	34.833333	Retiree	0 1,893 0
Longitude:	-95.925000	Retiree65+	0 18 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP_Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: LONE STAR AAP, TX (48513)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	4,025	0	2,600	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	2,722	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	1,300
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):	8,461	8,461	8,461	8,461	8,461	8,461
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):			3,494	FH ShDn:	0.000%

Name: MILAN AAP, TN (47579)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	3,759	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	1,000	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):			0	FH ShDn:	0.000%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: CRANE AAP, IN (18174)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	75	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	1,050	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):			0	FH ShDn:	0.000%

Name: IOWA AAP, IA (19422)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	5,525	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	1,000	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):			0	FH ShDn:	0.000%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MCALESTER, OK (40549)

	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	1,752	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$K):	0	1,000	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):			0	FH ShDn:	0.000%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: LONE STAR AAP, TX (48513)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	-1	0	-1
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	-7	0	-11
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: CRANE AAP, IN (18174)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	-1	0	0
Civ Prog nonBRAC Change:	64	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MCALESTER, OK (40549)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	-64	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

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%	

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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
05022005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

=====
Close Lone Star Army Ammunition Plant, TX. Relocate the Storage and Demilitarization functions to McAlester, OK. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane AAA, IN.

FOOTNOTES FOR SCREEN FIVE

=====
LONE STAR:
FY 07 \$4,025k: \$3,875k is cost to move equipment, tooling for ICM (MA-4 Action 1)
 \$150k is for equipment for grenades (MA-9 Action 4)

FY 08 \$2,722k: Cost to move stock to McAlester (MA-2 Action 3)

FY 09 \$2,600k: \$1,200k Disconnect utilities (MA-9-Action 2)
 \$300k Cost to placed in modified caretaker (MA-4 Action 1)
 \$300k Cost to place in modified caretaker (MA-9 Action 3)
 \$300k Cost to place in Modified caretaker (MA-6 Action 1)
 \$500k Cost to decontaminate, disconnect utilities, and close building (MA-9 Action
4)

FY 11 \$1,300k: From page 12 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs";
EBS plus disposal EIS. FY 11 was selected because the shipment of serviceable stock occurs in FY 08
and demil occurs until FY 11. Military Departments wants to make sure permits, waivers, and restrictions are
in place by FY 08 and decommissioning is complete by the end of FY 11.

3,494KSF: Fac ShDn is derived from Screen Four - static base information for "Starting Facilities"

FY 06, 07, 08, 09, 10, and 11: \$8,461k in each of these years represents miscellaneous cost that cancels
out recurring savings generated by recap cost. Memorandum dated 31 Mar 2005, subject: Recapitalization
Savings for Army Ammunition Plants, directs the removal of recap savings from 4 ammunition plants (Kansas
AAP, Riverbank AAP, Lone Star AAP, and Mississippi AAP).

MILAN:

FY 07 \$3,759k: \$700k Cost to modify building and install truck loading dock (MA-4
Action 1)
 \$50k Cost for training and travel (MA-4 Action 1)
 \$3,009k Cost for equipment upgrade and installation (MA-9 Action 4)

FY 07 \$1,000k: From page 12 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs";
EIS. FY 07 was selected because the shipment of serviceable stock occurs in FY 08 and demil occurs until
FY 11. Military Departments wants to make sure permits, waivers, and restrictions are in place by FY 08 and
decommissioning is complete by the end of FY 11.

CRANE:

FY 07 \$75k: \$30k for facility upgrade (MA-9 Action 3)
 \$5k for training and travel (MA-9 Action 3)
 \$40k for equipment and tooling (MA-9 Action 3)

FY 07 \$1,050k: From page 12 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs";
Air Conformity Analysis and EIS. FY 07 was selected because the Military Departments wants to make sure
permits, waivers, and restrictions are in place by FY 08 and decommissioning is complete by the end of FY
11.

IOWA:

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
05022005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

FY 07 \$5,525k: \$5,000k to facilitize Iowa for detonators (MA-9 Action 2 (alt 2)
\$525k for minor upgrade and building repair (MA-6 Action 1)

FY 07 \$1,000k: From page 12 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs";
EIS. FY 07 was selected because the Military Departments wants to make sure permits, waivers, and
restrictions are in place by FY 08 and decommissioning is complete by the end of FY 11.

McAlester:

FY 07 \$1,000k: From page 12 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs";
EIS. FY 07 was selected because the Military Departments wants to make sure permits, waivers, and
restrictions are in place by FY 08 and decommissioning is complete by the end of FY 11.

FY 08 \$1,752k: Cost to receipt stock from Lone Star. (MA-2 Action 3)

FOOTNOTES FOR SCREEN SIX
=====
Lone Star:

OFF/ENL/CIV Scenario Change numbers are derived from Screen Four - Total Officers (2) and Total Civilian
Employees (18).

Personnel are not needed at gaining site. Sufficient personnel and capability already exist.

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 5/2/2005 2:20:07 PM, Report Created 5/2/2005 2:20:10 PM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
05022005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
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
-----	-----	-----	-----
LONE STAR AAP	0	0	0
MILAN AAP	0	0	0
CRANE AAP	0	0	0
IOWA AAP	0	0	0
MCALESTER	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 2:20:07 PM, Report Created 5/2/2005 2:20:10 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	583,206	575,209	575,209
2007	17,871,357	17,146,199	17,721,408
2008	4,802,000	4,481,665	22,203,073
2009	-1,004,339	-911,810	21,291,263
2010	-4,429,812	-3,912,157	17,379,106
2011	-13,161,376	-11,306,786	6,072,320
2012	-17,310,687	-14,466,353	-8,394,033
2013	-17,310,687	-14,072,328	-22,466,361
2014	-17,310,687	-13,689,035	-36,155,396
2015	-17,310,687	-13,316,182	-49,471,578
2016	-17,310,687	-12,953,484	-62,425,062
2017	-17,310,687	-12,600,666	-75,025,727
2018	-17,310,687	-12,257,457	-87,283,184
2019	-17,310,687	-11,923,596	-99,206,780
2020	-17,310,687	-11,598,829	-110,805,609
2021	-17,310,687	-11,282,907	-122,088,517
2022	-17,310,687	-10,975,591	-133,064,108
2023	-17,310,687	-10,676,645	-143,740,753
2024	-17,310,687	-10,385,841	-154,126,594
2025	-17,310,687	-10,102,958	-164,229,553

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 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	401,788	
Civilian Early Retirement	23,978	
Eliminated Military PCS	20,955	
Unemployment	31,157	
Total - Personnel		477,878
Overhead		
Program Management Cost	1,918,257	
Support Contract Termination	0	
Mothball / Shutdown	628,920	
Total - Overhead		2,547,177
Moving		
Civilian Moving	0	
Civilian PPP	141,984	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	4,474,030	
Total - Moving		4,616,014
Other		
HAP / RSE	0	
Environmental Mitigation Costs	5,350,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	15,984,000	
Total - Other		21,334,000
Total One-Time Costs		28,975,069

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		28,975,069

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	401,788	
Civilian Early Retirement	23,978	
Eliminated Military PCS	20,955	
Unemployment	31,157	
Total - Personnel		477,878
Overhead		
Program Management Cost	1,918,257	
Support Contract Termination	0	
Mothball / Shutdown	628,920	
Total - Overhead		2,547,177
Moving		
Civilian Moving	0	
Civilian PPP	141,984	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	2,721,720	
Total - Moving		2,863,704
Other		
HAP / RSE	0	
Environmental Mitigation Costs	1,300,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	6,625,000	
Total - Other		7,925,000

Total One-Time Costs		13,813,759

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		13,813,759

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MILAN AAP, TN (47579)
 (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	0	
Total - Overhead		0
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	1,000,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	3,759,000	
Total - Other		4,759,000

Total One-Time Costs		4,759,000

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		4,759,000

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)
 (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	0	
Total - Overhead		0
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	1,050,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	75,000	
Total - Other		1,125,000

Total One-Time Costs		1,125,000

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		1,125,000

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: IOWA AAP, IA (19422)
 (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	0	
Total - Overhead		0
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	1,000,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	5,525,000	
Total - Other		6,525,000

Total One-Time Costs		6,525,000

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		6,525,000

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)
 (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	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	1,752,310	
Total - Moving		1,752,310
Other		
HAP / RSE	0	
Environmental Mitigation Costs	1,000,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		1,000,000

Total One-Time Costs		2,752,310

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		2,752,310

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 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	7	0	11	18
Early Retirement	8.10%	0	0	0	1	0	1	2
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	1	0	1	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Priority Placement#	39.97%	0	0	0	3	0	4	7
Civilians Available to Move		0	0	0	2	0	4	6
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	2	0	4	6
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	1	0	1	2
TOTAL CIVILIAN RIFS		0	0	0	2	0	5	7
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	3	0	4	7
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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)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	7	0	11	18
Early Retirement	8.10%	0	0	0	1	0	1
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	1	0	1
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1
Priority Placement#	39.97%	0	0	0	3	0	4
Civilians Available to Move		0	0	0	2	0	4
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	2	0	4
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	1	0	1
TOTAL CIVILIAN RIFS		0	0	0	2	0	5
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	3	0	4
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%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MILAN AAP, TN (47579)	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 RETIRMENTS		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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)	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 RETIRMENTS		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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: IOWA AAP, IA (19422)	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 RETIRMENTS		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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)	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 RETIRMENTS		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 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)

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%	0.00%
2007	0	0.00%	16.67%	0	0.00%	0.00%
2008	0	0.00%	16.67%	0	0.00%	0.00%
2009	0	0.00%	16.67%	8	40.00%	40.00%
2010	0	0.00%	16.67%	0	0.00%	0.00%
2011	0	0.00%	0.00%	12	60.00%	60.00%
TOTALS	0	0.00%	100.00%	20	100.00%	100.00%

Base: MILAN AAP, TN (47579)

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%

Base: CRANE AAP, IN (18174)

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%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt
 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: IOWA AAP, IA (19422)

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%

Base: MCALESTER, OK (40549)

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 2:20:07 PM, Report Created 5/2/2005 2:20:09 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
----- 11	----- 35	----- 34	----- 1,797

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	-1	0	0	-1
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	-1	0	0	-1

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

Officers	Enlisted	Students	Civilians
----- 11	----- 34	----- 34	----- 1,797

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	-1	0	-1	-2
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-7	0	-11	-18
TOTAL	0	0	0	-8	0	-12	-20

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 9	----- 34	----- 34	----- 1,779

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: LONE STAR AAP, TX (48513)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: LONE STAR AAP, TX (48513)

Officers	Enlisted	Students	Civilians
2	0	0	18

SCENARIO POSITION CHANGES FOR: LONE STAR AAP, TX (48513)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	-1	0	-1	-2
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-7	0	-11	-18
TOTAL	0	0	0	-8	0	-12	-20

BASE POPULATION (After BRAC Action) FOR: LONE STAR AAP, TX (48513)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: MILAN AAP, TN (47579)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: MILAN AAP, TN (47579)

Officers	Enlisted	Students	Civilians
2	0	0	23

BASE POPULATION (After BRAC Action) FOR: MILAN AAP, TN (47579)

Officers	Enlisted	Students	Civilians
2	0	0	23

PERSONNEL SUMMARY FOR: CRANE AAP, IN (18174)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2	2	0	419

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: CRANE AAP, IN (18174)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	-1	0	0	-1
Students	0	0	0	0	0	0	0
Civilians	64	0	0	0	0	0	64
TOTAL	64	0	0	-1	0	0	63

BASE POPULATION (Prior to BRAC Action) FOR: CRANE AAP, IN (18174)

Officers	Enlisted	Students	Civilians
2	1	0	483

BASE POPULATION (After BRAC Action) FOR: CRANE AAP, IN (18174)

Officers	Enlisted	Students	Civilians
2	1	0	483

PERSONNEL SUMMARY FOR: IOWA AAP, IA (19422)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: IOWA AAP, IA (19422)

Officers	Enlisted	Students	Civilians
2	0	0	29

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0122 Close Lone Star AAP\IND0122 Lone Star AAP _Alt 05022005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

BASE POPULATION (After BRAC Action) FOR: IOWA AAP, IA (19422)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
2	0	0	29

PERSONNEL SUMMARY FOR: MCALESTER, OK (40549)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
3	33	34	1,308

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: MCALESTER, OK (40549)

	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	-64	0	0	0	0	0	-64
TOTAL	-64	0	0	0	0	0	-64

BASE POPULATION (Prior to BRAC Action) FOR: MCALESTER, OK (40549)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
3	33	34	1,244

BASE POPULATION (After BRAC Action) FOR: MCALESTER, OK (40549)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
3	33	34	1,244

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

IND-0122: Close Lone Star AAP

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

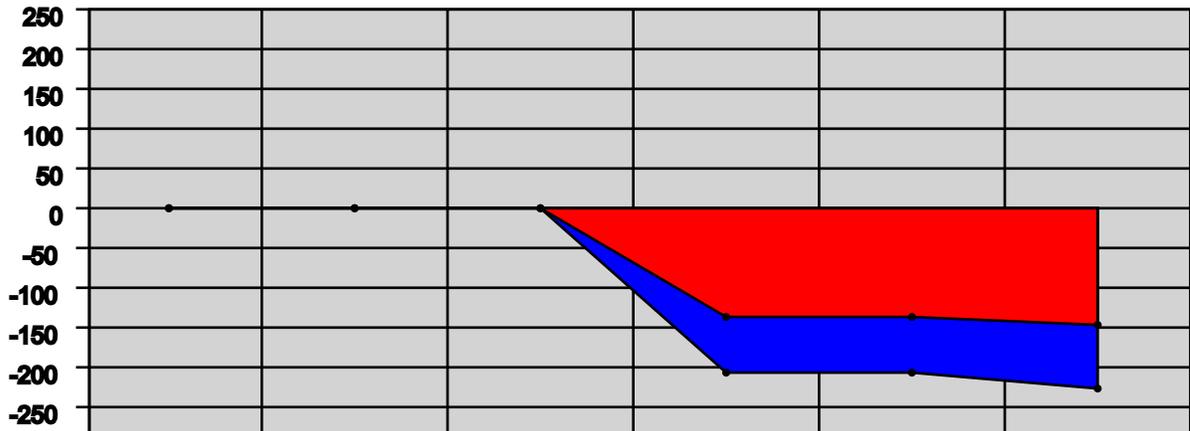
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Texarkana, TX-Texarkana, AR Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	130,731
ROI Employment (2002):	67,895
Authorized Manpower (2005):	20
Authorized Manpower(2005) / ROI Employment(2002):	0.03%
Total Estimated Job Change:	-229
Total Estimated Job Change / ROI Employment(2002):	-0.34%

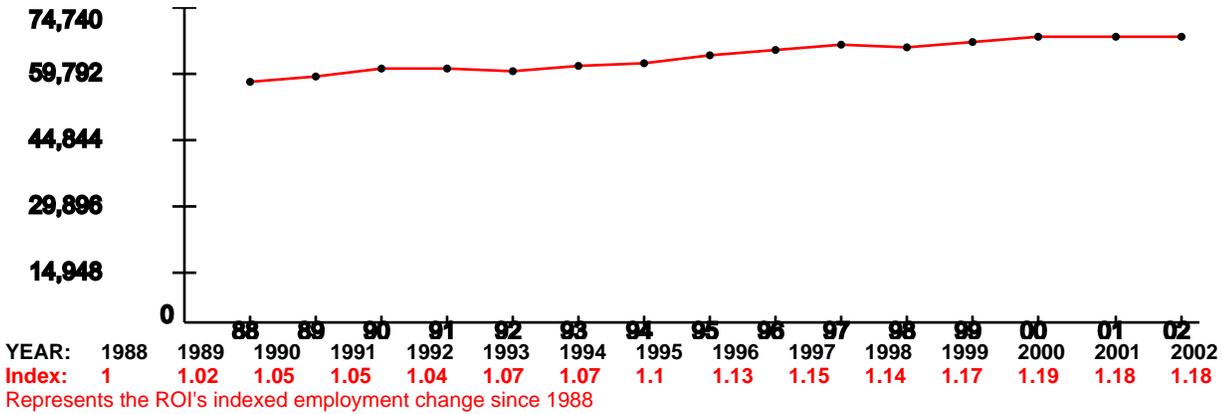
Cumulative Job Change (Gain/Loss) Over Time:



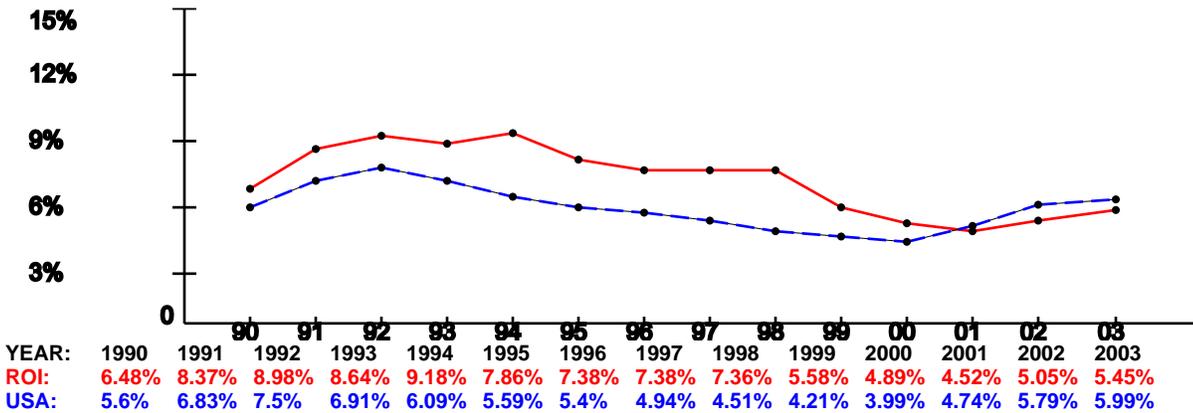
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	-1	0	-1
Direct Civilian:	0	0	0	-7	0	-11
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	-129	0	0
Cumulative Direct:	0	0	0	-137	-137	-149
Cum Indir/Induc:	0	0	0	-72	-72	-80
Cumulative Total:	0	0	0	-209	-209	-229

Texarkana, TX-Texarkana, AR Metropolitan Statistical Area Trend Data

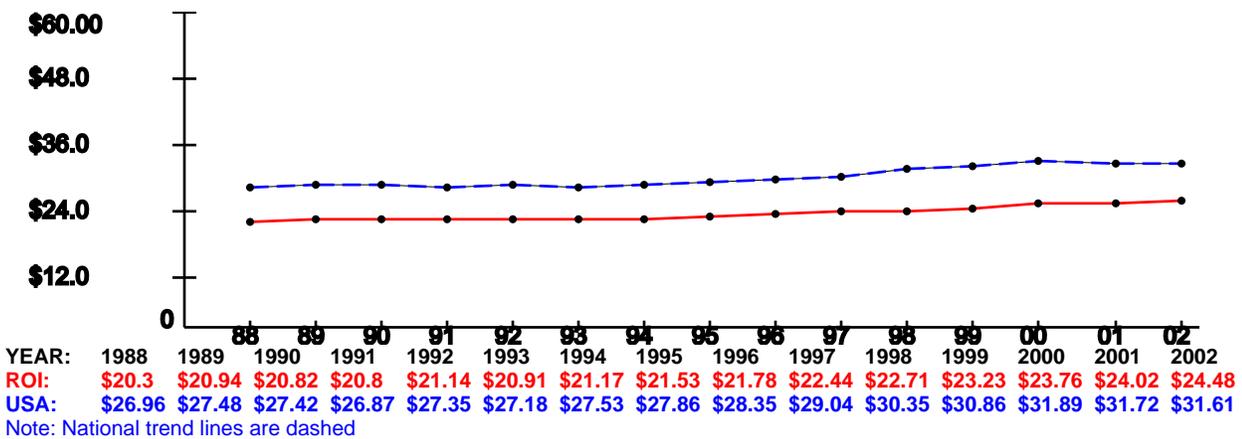
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



CRANE ARMY AMMUNITION ACTIVITY, IN

Demographics

The following tables provide a short description of the area near the installation/activity. CRANE ARMY AMMUNITION ACTIVITY is 91.2 miles from Indiananapolis, IN, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Bloomington, IN MSA	120,563

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

County/City	Population
Greene	33157
Martin	10369
Monroe	120563
Owen	21786
Total	185,875

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 6

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)	\$33,984	Basis: 4 of 4 counties
Median House Value	(US Avg \$119,600)	\$98,773	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,002	
In-state Tuition for Family Member		No	
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.

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

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.

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	29,498	10 of 10 districts
Students Enrolled	24,008	10 of 10 districts
Average Pupil/Teacher Ratio	18.5:1	10 of 10 districts
High School Students Enrolled	24,002	10 of 10 districts
Average High School Graduation Rate (US Avg 67.3%)	90.7%	10 of 10 districts
Average Composite SAT I Score (US Avg 1026)	1008	10 of 10 districts
Average ACT Score (US Avg 20.8)	19	10 of 10 districts
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	2	
Available Vocational and/or Technical Schools	1	

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	4.0%	3.1%	4.3%	4.5%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	4 of 4 counties				

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

	1999	2000	2001	2002	2003
Local Data	-.2%	-1.1%	1.4%	.1%	2.9%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	4 of 4 counties				

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	7,746	Basis: 4 of 4 counties
Vacant Sale Units	1,220	
Vacant Rental Units	1,940	

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	314	875	185,875	Basis: 4 of 4 counties
Ratio	1:592	1:212		
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	1,729.5	Basis: 4 of 4 counties
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 CRANE ARMY AMMUNITION ACTIVITY to nearest commercial airport: 91.2 miles
 Is CRANE ARMY AMMUNITION ACTIVITY 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.

IOWA AAP, IA

Demographics

The following tables provide a short description of the area near the installation/activity. IOWA AAP is 92 miles from Cedar Rapids, IA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Davenport-Moline-Rock Island MSA	359,062

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

County/City	Population
Des Moines	42351
Total	42,351

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 1

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)	\$36,790	Basis: 1 of 1 county
Median House Value	(US Avg \$119,600)	\$70,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 964	
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.

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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	9,741	5 of 5 districts
Students Enrolled	6,950	5 of 5 districts
Average Pupil/Teacher Ratio	13.0:1	5 of 5 districts
High School Students Enrolled	2,231	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	87.3%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)	49	5 of 5 districts
Average ACT Score (US Avg 20.8)	22	5 of 5 districts
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	1	
Available Vocational and/or Technical Schools	1	

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	3.1%	3.3%	4.9%	5.9%	6.7%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 1 county				

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

	1999	2000	2001	2002	2003
Local Data	-.3%	-1.1%	-1.5%	-1.4%	-3.8%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	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	1,373	Basis: 1 of 1 county
Vacant Sale Units	295	
Vacant Rental Units	439	

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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	77	313	42,351	Basis: 1 of 1 county
Ratio	1:550	1:135		
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	3,448.0	Basis: 1 of 1 county
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 IOWA AAP to nearest commercial airport: 11.2 miles

Is IOWA AAP 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

LONE STAR AAP, TX

Demographics

The following tables provide a short description of the area near the installation/activity. LONE STAR AAP is 85 miles from Shreveport, LA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Texarkana MSA	129,749

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

County/City	Population
Bowie	89306
Total	89,306

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 1

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)	\$32,238	Basis: MSA
Median House Value	(US Avg \$119,600)	\$65,600	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,027	
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.

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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	25,955	10 of 10 districts
Students Enrolled	19,228	10 of 10 districts
Average Pupil/Teacher Ratio	13.4:1	10 of 10 districts
High School Students Enrolled	8,656	8 of 8 districts
Average High School Graduation Rate (US Avg 67.3%)	85.5%	8 of 8 districts
Average Composite SAT I Score (US Avg 1026)	317	8 of 8 districts
Average ACT Score (US Avg 20.8)	20	8 of 8 districts
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	1	
Available Vocational and/or Technical Schools	0	

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	5.6%	4.9%	4.5%	5.1%	5.4%
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	2.5%	-.3%	-.5%	1.8%	.0%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

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	5,495	Basis: MSA
Vacant Sale Units	856	
Vacant Rental Units	2,078	

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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	290	565	129,749	Basis: MSA
Ratio	1:447	1:230		
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	4,847.0	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 LONE STAR AAP to nearest commercial airport: 23.0 miles

Is LONE STAR AAP 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

MCALESTER AAP, OK

Demographics

The following tables provide a short description of the area near the installation/activity. MCALESTER AAP is 91 miles from Tulsa, OK, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Fort Smith, AR MSA	207,290

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

County/City	Population
Pittsburg	43953
Total	43,953

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 1

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)	\$28,679	Basis: 1 of 1 county
Median House Value	(US Avg \$119,600)	\$53,400	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 811	
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.

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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	4,399	5 of 5 districts
Students Enrolled	26,685	5 of 5 districts
Average Pupil/Teacher Ratio	15.9:1	5 of 5 districts
High School Students Enrolled	1,281	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	70.8%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)		5 of 5 districts
Average ACT Score (US Avg 20.8)	21	5 of 5 districts
Available Graduate/PhD Programs	0	
Available Colleges and/or Universities	1	
Available Vocational and/or Technical Schools	1	

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	6.2%	4.7%	4.2%	5.7%	6.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 1 county				

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

	1999	2000	2001	2002	2003
Local Data	6.5%	-3.0%	1.4%	2.9%	5.2%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	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	4,363	Basis: 1 of 1 county
Vacant Sale Units	320	
Vacant Rental Units	538	

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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			43,953	Basis: 1 of 1 county
Ratio	1:	1:		
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	4,743.0	Basis: 1 of 1 county
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 MCALESTER AAP to nearest commercial airport: 96.0 miles

Is MCALESTER AAP 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

MILAN AAP, TN

Demographics

The following tables provide a short description of the area near the installation/activity. MILAN AAP is 99.4 miles from Clarksville, TN, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Jackson, TN MSA	107,377

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

County/City	Population
Carroll	29475
Total	29,475

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)	\$30,463	Basis: 1 of 1 county
Median House Value	(US Avg \$119,600)	\$60,900	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 811	
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.

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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	9,826	5 of 5 districts
Students Enrolled	9,108	5 of 5 districts
Average Pupil/Teacher Ratio	15.6:1	5 of 5 districts
High School Students Enrolled	2,664	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	82.3%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)		5 of 5 districts
Average ACT Score (US Avg 20.8)	20	5 of 5 districts
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	6	
Available Vocational and/or Technical Schools	1	

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	9.4%	12.1%	9.5%	12.1%	12.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 1 county				

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

	1999	2000	2001	2002	2003
Local Data	-3.6%	-7.7%	.3%	-.7%	.6%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	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	1,278	Basis: 1 of 1 county
Vacant Sale Units	208	
Vacant Rental Units	281	

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

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	24	74	29,475	Basis: 1 of 1 county
Ratio	1:1,228	1:398		
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	5,019.0	Basis: 1 of 1 county
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 MILAN AAP to nearest commercial airport: 32.6 miles

Is MILAN AAP 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

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS**[TABS FINAL VERSION]****SCENARIO #650****TITLE: IND-0122 CLOSE LONE STAR AAP**

GENERAL DESCRIPTION: Close Lone Star Army Ammunition Plant. Relocate the storage and demilitarization functions to McAlester AAP. Relocate the 105mm and 155mm ICM artillery, MLRS artillery, hand grenades, 60 mm and 81mm mortars functions to Milan AAP. Relocate mines function and detonators/relays/delays workload to Iowa AAP. Relocate demolition charges functions to Crane AAA.

This assessment is based on the following assumptions:

1. Relocating the storage and demilitarization functions involves no new personnel or new facilities at McAlester.
2. Relocating the 105mm and 155mm ICM artillery, MLRS artillery, hand grenades, 60 mm and 81mm mortars functions involves workload equal to 135 personnel and no new facilities added to Milan AAP. No actual personnel transfer.
3. Relocating mines functions involves workload equal to 10 personnel and no new facilities added to Iowa AAP. No actual personnel transfer. Relocating the detonators/relays/delays workload involves workload equal to 25 personnel. No actual personnel transfer. Basic capability exists at Iowa for mine functions, no need to construct lead processing plant, per phone conversation with Willie Smith, IND JCSG, April 28, 2005.
5. Relocating demolition charges involves workload equal to 10 personnel added to Crane AAP. No actual personnel transfer.

ANALYST: _____**DATE: 28 APRIL 2005**

Env Resource Area	#1 Gaining Installation Assessment Inst Name: <u>McAlester AAP</u>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Likely No Impact. Although no transfer of personnel or new construction, permit and threshold exceedences have been reported. Additional activity may require Air Conformity Analysis.	#211 – Threshold exceedences reported for PM10 and VOC #212-Exceeds major source threshold for Manganese #213 In attainment for CO and Ozone (1 hour) rest are “unclassifiable” (Per EPA website, considered in attainment) #218/ISR2 No mission impact indicated #220 Major Operating Permit, Title V permits for installation.
Cultural/Archeological/Tribal Resources	Likely no impact due to no new construction required. A very limited portion these installation has been surveyed for cultural resources (<5%); therefore, the extent of cultural resources on the installation and impacts to these resources is uncertain.	#201 No constraints #229, 231 No cem/native people’s sites #230 No arch resources identified. #232- High potential for arch sites #233 – 4.45% of installation surveyed #234 – Choctow, Caddo, Quapaw, Wichita, Chickasaw, have asserted interest in some archeological resource #235 – 5 Historic districts identified with 210 historic properties #236 – No Prog. Agreement in place ISR2 - no adverse impact to mission.
Dredging	No Impact	No dredging impacts for this scenario.

Land Use Constraints/Sensitive Resource Areas	No Impact	#30 - 28,290 buildable acres available 0 acres required for additional storage buildings or expansion (per phone conversation with Don Morrison et.al. (RIA) 1-3-05). #254 -No SRAs restricting training/mission #256 -No SRAs nearby CERL-Minimal Encroachment
Marine Mammals /Marine Resources/Sanctuaries	No Impact	There are no impacts to marine resources from this proposal.
Noise	No Impact	#239 - No Noise contours that extend offsite.
Threatened & Endangered Species/Critical Habitat	No Impact. TES on installation include American Burying Beetle and restrict operations. Additional operations may further impact TES, leading to additional restrictions on operations.	#249 - No restrictions #259 - 1 species (American Burying Beetle) inhabits main installation area (soil disruptions of >5 acres must be coordinated with USFWS) #260 - No critical habitat #261 - No biological opinion #262 - No restrictions #263, 264 - No candidate species, no proposed habitat
Waste Management	No Impact	#269- Installation has a RCRA X Permit (interim or final status not specified) #265 – Has hazardous waste TSD facility (RCRA Part B Permit) #272 – Has SWDF; 33% filled
Water Resources	Likely No Impact. Water quality impaired by pollutant loadings. Current operations may contribute to impaired water quality. Significant mitigation measures to limit releases may be required to reduce impacts to water quality and achieve USEPA Water Quality Standards. Wastewater permit modifications/pollution prevention measures may be required due to additional workload.	#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation discharges to an impaired waterway (organic loading), but current operations do not further impair waterway #293 No potable water restrictions #282 Installation uses one On Military Installation Gov't-Owned Plant for industrial wastewater treatment #297 – Installation uses one On Military Installation Gov't-Owned STP #291-1 On Military Installation Gov't-Owned Plant for potable water IREM -infrastructure can support additional 1,974 personnel
Wetlands	No Impact	#251 Installation surveyed 9/20/99 #257 6.86% of installation is constrained by wetlands.

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO #650

Env Resource Area	#2 <i>Gaining</i> Installation Assessment Inst Name: Milan AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact – No new construction planned.	#211 – No exceedences reported for known criteria pollutants. #212-No exceedences reported #213 In attainment for all pollutants #218/ISR2 No mission impact indicated #220 Major Operating Permit, Title V permits for installation.
Cultural/Archeological/Tribal Resources	No Impact due to no new construction required.	#229 Cemeteries are present #230 11 unspecified sites of high archeological interest which do not impact mission or land use #231 Native people sites identified #232-Areas with high potential for archaeological resources identified #233 7.2% of the installation surveyed #234 No tribes have asserted interest #235 1 Historic District identified #236 Programmatic agreement in place
Dredging	No Impact	No dredging impacts for this scenario.
Land Use Constraints/Sensitive Resource Areas	No Impact	#30/#198 1,848 buildable acres available; 0 needed. #201 No constraints #254, #256 No SRA restricting training/mission
Marine Mammals/Marine Resources/Marine	No Impact	There are no impacts to marine resources from this proposal.
Noise	No Impact.	#239 106 acres of Noise Zone III and 994 acres of Noise Zone II extend off installation, which is moderately encroached by development.
Threatened/Endangered Species/Critical	No Impact	#249, 259, 260 No TES or critical habitat and no restrictions present. #261 thru 264 No biological opinions, no candidate species.
Waste Management	No Impact	# 269. Gaining installation has a RCRA X Permit (interim status) #272-Permitted SWDF #265-Permitted Hazardous waste TSDF

<p>Water Resources</p>	<p>No Impact. Wastewater permit modifications/pollution prevention measures may be required due to additional workload.</p>	<p>#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation does not discharge into impaired waterway #291- 1 On Military Installation Gov't-Owned Plant for potable water #292 Significant capacity remains in potable water - IREM reports infrastructure can support additional 742 people #293 No restrictions reported #297 Significant capacity remains for municipal and industrial effluent #282-Installation has one On Military Installation Gov't-Owned Plant for industrial wastewater</p>
<p>Wetlands</p>	<p>No Impact</p>	<p>#257 1.6% of installation is restricted by wetlands – specifics on restrictions not provided #251-Survey complete</p>

Subject: Summary of Scenario Environmental Impacts (Continued);**SCENARIO #650**

Env Resource Area	#3 <i>Gaining</i> Installation Assessment Inst Name: Iowa AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact. In attainment for all criteria pollutants.	#213 – In attainment for all criteria pollutants #211 –No exceedences reported #212-No exceedences reported #220 – Holds 1 Major Operating Permit (SIC code 9711, 3483) and has a Title V application on file with the State; however, a permit has not been issued. #222 – No Emissions Credit Trading program available #218 –Restrictions reported on open burning operations for installation due to IDNR regulations on open burning restrictions/ban.
Cultural/Archeological/Tribal Resources	Likely no impact due to no new construction required. Cultural resources currently restrict operations. Additional operations may impact these resources, which may lead to restrictions on these operations as well. Potential impacts may occur since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs.	#233- Installation 100% surveyed #235 – No historic prop identified #230 – 291 Known historic and prehistoric arch sites, restricts future construction and trng/opns. No restrictions within chain-link fenced production areas. Addit'l survey req'd on agricultural land if ground disturbance is > 8". All other areas require addit'l survey work for any ground disturbance. #231 – Native People sites identified #236 – No Progr. Agreement with SHPO #234 – 3 tribes assert interest in archaeological sites, rare interaction #232 – Areas with high arch potential identified
Dredging	No Impact - no dredging required for scenario.	#226, 227, 228 – Not applicable
Land Use Constraints/Sensitive Resource Areas	No Impact. Two SRAs identified but cause no restrictions.	#30 – 2,806 BA available, 0 required #201 – No constraints reported #256 – 2 Sensitive Resource Areas identified but cause no restrictions CERL-Moderate encroachment
Marine Mammals/Marine Resources / Marine Sanctuarie	No impact	#248, #249 #250, #252, #253 - No restrictions
Noise	No impact - no major noise expected due to this proposal.	#239 – Installation does not have noise contours that extend off installation.

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Threatened & Endangered Species/Critical Habitat</p>	<p>No impact.</p> <p>TES on installation include Indiana Bat (<i>Myotis sodalist</i>), which has delayed operations for training on smoke or blank ammunition from March 15 to October 31 and prohibits tree cutting from April 1 to September 30. Impacts 27% of installation.</p> <p>TES already restrict operations. Additional operations may further impact TES leading to additional restrictions on operations.</p>	<p>#259 – TES on installation include Indiana Bat (<i>Myotis sodalist</i>), which has delayed operations for training on smoke or blank ammunition from March 15 to October 31 and prohibits tree cutting from April 1 to September 30. Impacts 27% of installation.</p> <p>#260 – No critical habitat identified</p> <p>#261 – No Biological Opinion</p> <p>#262 – No development restrictions reported.</p> <p>#263, #264 – No candidate species/habitat reported</p> <p>#201 – No restrictions reported</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Waste Management</p>	<p>No impact.</p>	<p>#269 – Installation has RCRA Subpart X OB/OD Permit, and Iowa AAP interim RCRA Part B permit for OB/OD, submitted 11/1988.</p> <p>#265- Has RCRA (TSD) facility.</p> <p>#272 –Has permitted solid waste disposal facility, 85% filled.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Water Resources</p>	<p>Likely No Impact. Wastewater permit modifications/pollution prevention measures due to additional workload may be required. Installation may need upgrades to industrial wastewater treatment systems for lead processing.</p>	<p>#276 – Installation not located over a sole-source aquifer</p> <p>#278 – McCarren Amend does not apply</p> <p>#293 – No potable water restrictions</p> <p>#291 –1 publicly owned off-installation plant for potable water.</p> <p>IREM indicates remaining capacity for potable water to support 4,385 personnel</p> <p>#279 –Installation does not discharge to impaired waterway</p> <p>#297 – Two On Military Installation Govt Owned Sewage Treatment Plants</p> <p>#282 – 1 Industrial Gov't owned wastewater treatment system located on installation.</p> <p>#822, 824, 825, 826, ISRII – no restrictions reported</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wetlands</p>	<p>No impact.</p>	<p>#251- Survey completed 08/99.</p> <p>#257 – Wetlands affect 0.6% of installation, restrict operations by avoiding wetlands if possible and obtain permit if required.</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO #650

Env Resource Area	#4 Gaining Installation Assessment Inst Name: Crane AD	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Likely no impact. Although in attainment for criteria pollutants and no new construction required, air permit modifications required due to reported threshold exceedences and addition of signal and grenade/explosive/mine activities. Air Conformity Analysis required.	#213 – Installation is in attainment area for all criteria pollutants. #211 - Exceeded major source threshold limits for NOX, PM10 and CO. #212-No permit limits reported #220 -Major operating permit #218/ISR2 - No mission impact indicated.
Cultural/Archeological/Tribal Resources	Likely no impact; no new construction required. Cultural/archaeological/historical resources currently restrict operations. Additional operations may impact these resources, which may lead to restrictions on these operations as well. A very limited portion of the installation has been surveyed for cultural resources (<5%); therefore, the extent of cultural resources on the installation and impacts to these resources is uncertain.	#229, 231 No cemeteries/native people's sites #233 - 2.34% installation surveyed #230 - 63 archeological resources; most restrict future construction and training/operations #232 - High potential for arch sites #234 - No tribes have asserted interest; #235 - 3 historic districts with 64 total resources #236 - Programmatic Agreement in place. ISR2 - No adverse impact to mission.
Dredging	No Impact	No dredging impacts for this scenario.
Land Use Constraints/Sensitive Resource Areas	No Impact	#30 - 5,429 buildable acres available and 0 needed. #254, #256 No SRA restricting training/mission #201 No constraints CERL-Minimal encroachment
Marine Mammals/Marine Resources/Marine	No Impact	There are no impacts to marine resources from this proposal.
Noise	No Impact.	#239 – 28,865 acres of Noise Zone II extend off range and 4,650 acres of Noise Zone II extend off installation. 15,341 acres of Noise Zone III extend off range, which is minimally encroached by development.

<p>Threatened & Endangered Species/Critical Habitat</p>	<p>No Impact. TES on installation include the Indiana Bat and Bald Eagle, which affects 80 acres.</p> <p>TES already restrict operations. Additional operations may further impact TES, leading to additional restrictions on operations.</p>	<p>#249 - No restrictions #259 - 2 Federal TES species (Indiana Bat, Bald Eagle) on site, affects 80 acres (no destruction of trees 600 feet radius distance from nesting site during certain times) #260 - No critical habitat #261 - No biological opinion #262 - No restrictions #263, 264 - No candidate species, no proposed habitat</p>
<p>Waste Management</p>	<p>No Impact.</p>	<p>#269 – Has RCRA Subpart X Permit #265 – Has hazardous waste TSD facility #272 – Has SWDF; 70% filled</p>
<p>Water Resources</p>	<p>Likely No Impact. Water quality impaired by pollutant loadings. Current operations may contribute to impaired water quality. Significant mitigation measures to limit releases may be required to reduce impacts to water quality and achieve USEPA Water Quality Standards.</p> <p>Wastewater permit modifications/pollution prevention measures may be required due to additional workload.</p>	<p>#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation does discharge into impaired waterway (E.coli)– which is source of drinking water #293 No potable water restrictions #282 Numerous On Military Installation Govt Owned Plants for industrial wastewater treatment. Significant industrial wastewater treatment capacity on installation. IREM indicates water infrastructure can support additional 1,020 personnel #291-1 On Military Installation Govt Owned Plant for potable water #297-1 On Military Installation Govt Owned Plant for sewage treatment</p>
<p>Wetlands</p>	<p>No Impact.</p>	<p>#251 - Installation surveyed on 6/98 #257 - 5% of the installation has restricted wetlands (no dredging)</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)
SCENARIO #650 (IND-0122V2)

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Lone Star AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 All NAAQS in attainment.
Cultural/Archaeological/ Tribal Resources	Surveys and consultation with SHPO will be required to ensure protection of cultural resources at the installation.	#230, 235 No Arch or Historic sites reported. #231 – Sacred sites/Native People’s Sites on installation #232 - Sites with high potential for arch resources were reported.
Drinking Water	No impact	
Land Use Constraints/ Sensitive Resource Areas	Remediation of munitions contaminants on 3 operational ranges may be required - cost and impact TBD after EBS.	#273 No MMRAs Range Inventory - 3 operational ranges #240 - DERA CTC: \$ 2.742M; \$21.3M spent thru FY03. Operational Range costs -\$1.002M to \$24.176M per Ex
Marine Mammals/ Marine Birds	No impact	
Noise	No impact	
Threatened & Endangered Species/ Critical Habitat	Federally listed species include the American Alligator. Continued management and/or deed restrictions may be necessary to insure future protection.	#259- 1 TES (American Alligator) with no restrictions. #260-264 No candidate species / habitat was identified
Waste Management	Special waste management areas include RCRA TSDF, solid waste disposal facility, and OB/OD area. Restoration, monitoring /sweeps, access controls, and/or deed restrictions may be required to prevent disturbance and health/safety risks and/or long-term release of toxins to environmental media.	#265 Has RCRA TSD facility #269 Has RCRA Subpart X Permit #272 Has permitted solid waste disposal facility
Water Resources	Groundwater water contamination issues include Benzene, 1,1-Dichloroethene, cis-1,2,-Dichlorethene, and Vinyl Chloride. Surface water contamination includes cadmium, copper, zinc, lead, and barium. Restoration and/or monitoring of contaminated media may be required after closure in order to prevent significant long-term impacts to the environment. Installation has industrial wastewater treatment plant that may require closure.	#275 - Groundwater contamination includes Benzene, 1,1-Dichloroethene, cis-1,2,-Dichlorethene, and Vinyl Chloride. #281 - Surface water contamination includes cadmium, copper, zinc, lead, and barium. #822 Has industrial wastewater treatment plant. #297-No sewage treatment plant #291 – Off installation publicly-owned plants for potable water
Wetlands	No impact	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO #650 (IND-0122v2)

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: McAlester, Milan, Iowa, Crane	Losing Installation Inst Name: Lone Star AAP
Environmental Restoration*	None	DERA CTC: \$2.742M 3 Operational Ranges - cost to cleanup (UXO sweep and restoration) estimated between \$2.1M - \$5.8M (AEC Operational Range Database). Operational Range costs -\$1.002M to \$24.176M
Waste Management	None	Restoration/monitoring of hazardous waste sites - \$500K - \$10M+ Land Use Controls management/enforcement in perpetuity - \$50K - \$100K (annual) Asbestos/Lead-based Paint Removal - \$200K-\$1M -Controlled burning/decontamination/demolition of industrial structures/buildings heavily contaminated with explosives/metals -\$1M-\$10M+
Environmental Compliance	<p>McAlester: -Air Conformity Analysis -\$25K-\$75K (incl no mitigation costs) -Realignment NEPA – \$1M (EIS- industrial) -Endangered Species Management (includes monitoring) -\$20K-\$2M -Install Best Management Practices to protect impaired waterways and reduce non-point source runoff from training areas and ranges -\$100K-\$3M</p> <p>Milan: -Realignment NEPA at gaining base – industrial-\$1M (EIS)</p>	Environmental Baseline Survey (EBS) \$300K-\$500K. -Access controls/caretaker management - \$500K-\$1M (annual)

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Environmental Compliance (CONT'D)</p>	<p><u>Iowa:</u> -Realignment NEPA – \$1M (EIS- industrial) -Endangered Species Management (includes monitoring) -\$20K-\$2M</p> <p><u>Crane:</u> -Air Conformity Analysis -\$25K-\$75K (incl no mitigation costs) -Realignment NEPA – \$1M (EIS- industrial) -Endangered Species Management (includes monitoring) -\$20K-\$2M -Install Best Management Practices to protect impaired waterways and reduce non-point source runoff from training areas and ranges -\$100K-\$3M</p>	
<p>COBRA Costs:</p>	<p><u>McAlester:</u> -NEPA-\$1M (EIS)</p> <p><u>Milan:</u> -NEPA-\$1M (EIS)</p> <p><u>Iowa:</u> -NEPA-\$1M (EIS)</p> <p><u>Crane:</u> -Air Conformity Analysis -\$50K -NEPA-\$1M (EIS)</p>	<p>EBS plus disposal EIS - \$1.3M</p>

INSTALLATION ENVIRONMENTAL PROFILE

LONE STAR AAP

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. LONE STAR AAP is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.

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 LONE STAR AAP. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified. Contact with Native Tribes has rarely occurred.

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. LONE STAR AAP 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. LONE STAR AAP reports that 3787 unconstrained acres are available for development out of 15699 total acres. LONE STAR AAP has spent \$21.399999999999999M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$3M. LONE STAR AAP has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and some with the potential for expansion.

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. LONE STAR AAP 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. LONE STAR AAP does not have noise contours that extend off the installation's property. It has 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. LONE STAR AAP reported that federally-listed TES are present, candidate species are 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. LONE STAR AAP has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. LONE STAR AAP has an interim or final RCRA Part X facility that accepts off-site waste. LONE STAR AAP has an on-base solid waste disposal facility that is 0.1% filled.

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. LONE STAR AAP does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
LONE STAR AAP has 719 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.3579999999999998 MGD of potable and non-potable water, with the capacity to produce 1 MGD. It processed on average 0.5600000000000005 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 0.1440000000000002 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. LONE STAR AAP reported no wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

CRANE ARMY AMMUNITION ACTIVITY

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. CRANE ARMY AMMUNITION ACTIVITY is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.

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. Historic property has been identified on CRANE ARMY AMMUNITION ACTIVITY. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which restrict operations and do not restrict construction.

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. CRANE ARMY AMMUNITION ACTIVITY 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. CRANE ARMY AMMUNITION ACTIVITY reports that 5999 unconstrained acres are available for development out of 62469 total acres. CRANE ARMY AMMUNITION ACTIVITY has spent \$68.40000000000006M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$52M. CRANE ARMY AMMUNITION ACTIVITY has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and none with the potential for expansion.

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. CRANE ARMY AMMUNITION ACTIVITY 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. CRANE ARMY AMMUNITION ACTIVITY has noise contours that extend off the installation's property. Of the 4650 acres that extend to off-base property, 0 acres have incompatible land uses. It has published noise abatement procedures for the main installation. It has noise contours that extend off of the range property. Of the 44206 acres that extend to off-range property, 0 acres have incompatible land uses. It does not have published noise abatement procedures for the training and/or RDT&E range.

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. CRANE ARMY AMMUNITION ACTIVITY reported that federally-listed TES are 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. CRANE ARMY AMMUNITION ACTIVITY has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. CRANE ARMY AMMUNITION ACTIVITY has an interim or final RCRA Part X facility that accepts off-site waste. CRANE ARMY AMMUNITION ACTIVITY has an on-base solid waste disposal facility that is 70% filled.

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. CRANE ARMY AMMUNITION ACTIVITY discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
CRANE ARMY AMMUNITION ACTIVITY has 11720.1 Acre-Feet of surplus water potentially available for expansion. On average, it uses .699870 MGD of potable and non-potable water, with the capacity to produce 2.2999999999999998 MGD. It processed on average 1.26 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 2.1000000000000001 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 4.0538000000000007 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. CRANE ARMY AMMUNITION ACTIVITY reported 5% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

MCALESTER AAP

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. MCALESTER AAP is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.

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. Historic property has been identified on MCALESTER AAP. There is no programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.

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. MCALESTER AAP 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. MCALESTER AAP reports that 29753 unconstrained acres are available for development out of 44964 total acres. MCALESTER AAP has spent \$12.199999999999999M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$8M. MCALESTER AAP has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and some with the potential for expansion. It has Military Munitions Response Areas. MCALESTER AAP reports being constrained by the laws, regulations, policies, or activities of non-DoD federal, tribal, state, or local agencies.

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. MCALESTER AAP 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. MCALESTER AAP does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation. It does not have published noise abatement procedures for the training and/or RDT&E range. It does not have published noise abatement procedures for the auxiliary airfield.

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. MCALESTER AAP reported that federally-listed TES are present that have delayed or diverted operations/training/testing, candidate species are not present, critical habitat is present that do not restrict operations, and the installation has a Biological Opinion that places restrictions on operations.

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. MCALESTER AAP has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) .
MCALESTER AAP has an interim or final RCRA Part X facility that accepts off-site waste.
MCALESTER AAP 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. MCALESTER AAP discharges to an impaired waterway. Groundwater contamination is not reported. Surface water contamination is not reported. The state requires permits for the withdrawal of groundwater.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
MCALESTER AAP has 172 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.65 MGD of potable and non-potable water, with the capacity to produce 1.4399999999999999 MGD. It processed on average 0.64000000000000001 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.29999999999999999 MGD. It processed on average 5.0000000000000003E-2 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 0.75 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. MCALESTER AAP reported 6.9% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

MILAN AAP

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. MILAN AAP is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.

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. Historic property has been identified on MILAN AAP. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.

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. MILAN AAP 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. MILAN AAP reports that 1848 unconstrained acres are available for development out of 22436 total acres. MILAN AAP has spent \$124.59999999999999M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$134M. MILAN AAP has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and some with the potential for expansion. It has Military Munitions Response Areas.

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. MILAN AAP 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. MILAN AAP has noise contours that extend off the installation's property. Of the 433 acres that extend to off-base property, 0 acres have incompatible land uses. It has published noise abatement procedures for the main installation. It has noise contours that extend off of the range property. Of the 667 acres that extend to off-range property, 0 acres have incompatible land uses. It has published noise abatement procedures for the training and/or RDT&E range.

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. MILAN AAP 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. MILAN AAP has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. MILAN AAP has an interim or final RCRA Part X facility that accepts off-site waste. MILAN AAP has an on-base solid waste disposal facility that is 0% filled.

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. MILAN AAP does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported. The state requires permits for the withdrawal of groundwater.

(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):

MILAN AAP has 10713.799999999999 Acre-Feet of surplus water potentially available for expansion. On average, it uses .56 MGD of potable and non-potable water, with the capacity to produce 2.496 MGD. It processed on average 5.0000000000000003E-2 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.6720000000000004 MGD. It processed on average 0.5999999999999998 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 0.9789999999999998 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. MILAN AAP reported 1.6% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

IOWA AAP

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. IOWA AAP is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.

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 IOWA AAP. There is no programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations. Contact with Native Tribes has rarely occurred.

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. IOWA AAP 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. IOWA AAP reports that 1403 unconstrained acres are available for development out of 19011 total acres. IOWA AAP has spent \$79.70000000000003M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$67M. IOWA AAP has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and some with the potential for expansion. It has Military Munitions Response Areas. IOWA AAP reports being constrained by the laws, regulations, policies, or activities of non-DoD federal, tribal, state, or local agencies. IOWA AAP reports that its missions have been limited by existing or proposed activities of other military departments or other federal, tribal, state, or local agencies being located on the main installation, auxiliary airfield, or RDT&E range.

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. IOWA AAP 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. IOWA AAP does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation. It has published noise abatement procedures for the training and/or RDT&E range.

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. IOWA AAP reported that federally-listed TES are present that have delayed or diverted operations/training/testing, 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. IOWA AAP has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) . IOWA AAP has an interim or final RCRA Part X facility that does not accept off-site waste. IOWA AAP has an on-base solid waste disposal facility that is 85% filled.

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. IOWA AAP does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
IOWA AAP has -448 Acre-Feet of surplus water potentially available for expansion. On average, it uses .40901 MGD of potable and non-potable water, with the capacity to produce 3.6000000000000001 MGD. It processed on average 5.2000000000000002 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 1.5 MGD. It processed on average 0.17000000000000001 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 2.8000000000000001E-2 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. IOWA AAP reported less than 1% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.