



#IND-0122: LONE STAR AAP

DCN: 6370

Candidate Recommendation: Close Lone Star Army Ammunition Plant, 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 AAA, IN.

<u>Justification</u>	<u>Military Value</u>
<ul style="list-style-type: none"> ✓ Capacity and capability for Artillery, Mortars, Missiles, Pyro/Demo, and Storage exists at numerous munitions sites. ✓ 8 sites produce Artillery; 5 produce Mortars; 9 produce Pyro/Demo; 15 perform Storage; 9 perform Demilitarization ✓ Closure reduces redundancy and creates centers of excellence 	<ul style="list-style-type: none"> ✓ Lone Star: Demil 12th of 13; Production 3rd of 16; Storage/Distro 21st of 23 ✓ McAlester: Demil 3rd of 13; Storage/Dist 1st of 23; ✓ Milan: Production 2nd of 16; ✓ Iowa: Production 6th of 16; ✓ Crane: Production 4th of 16 ✓ Military judgment supports retention of sites with ongoing production output vice idle capacity
<u>Payback</u>	<u>Impacts</u>
<ul style="list-style-type: none"> ✓ One time cost: \$61.09M ✓ Net implementation savings: \$22.089M ✓ Annual recurring savings: \$25.772M ✓ Payback Time: Immediately ✓ NPV (savings): \$259.852M 	<ul style="list-style-type: none"> ✓ Criterion 6: -229 jobs (149 direct, 80 indirect); 0.34% ✓ Criterion 7: No Issues ✓ Criterion 8: air quality, cultural, T&E, water & waste mgmt issues. No impediments.

- ✓ Strategy
- ✓ COBRA

- ✓ Capacity Analysis / Data Verification
- ✓ Military Value Analysis / Data Verification

- ✓ JCSG Recommended
- ✓ Criteria 6-8 Analysis

- ✓ De-conflicted w/JCSGs
- ✓ De-conflicted w/Services

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>Available Surge/Excess Capacity*</i>
MUNITIONS DEMILITARIZATION						
	ANNISTON ARMY	20,237	2125	20,237	0	18,112
	BLUE GRASS ARMY	9,497	638	10,897	0	10,259
	CRANE ARMY	5,446	2275.58	5,995	0	3,719
	DESERET CHEMICAL	1	1	1.4	0	0
	HAWTHORNE ARMY	31,373	0	31,373	0	31,373
	IOWA AAP	243	243.4	243	0	0
	KANSAS ARMY	325	6	336	0	330
	LAKE CITY AAP	176	161	235	0	74
	LETTERKENNY	3,418	465.68	6,444	0	5,978
	LONE STAR AAP	696	395.25	1,270	0	875
	MCALESTER AAP	8,795	788	8,795	0	8,007
	PINE BLUFF	12	0.4	11	0	10
	RED RIVER ARMY	6,660	192.407	7,992	0	7,800
	TOOELE ARMY	11,581	750.6	4,4431	0	43,680

* Capacity is measured in dlh(k) for Armaments Production/Manufacturing and Munitions Maintenance functions; short tons for Munitions Demilitarization; and lbs or each(s) as applicable for Munitions Production.

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<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>Available Surge/Excess Capacity*</i>
Munitions Production						
	CRANE ARMY AMMUNITION ACTIVITY	513,720.0	31,486.0	684,360.0	0	652,874.0
	HOLSTON AAP	300,000.0	957,340.0	1,300,000.0	0	342,660.0
	IOWA AAP	224,692.0	31,490.0	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	60,680,400.0	86,937,000.0	0	26,256,600.0
	LONE STAR AAP	24,143,996.0	664,901.0	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	15,187.0	64,627.0	0	49,440.0
	MILAN AAP	1,150,275.0	324,440.0	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	34,913.0	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	45,058.0	585,080.0	0	540,022.0
	RADFORD AAP	171,376.0	1,407,986.0	1,420,387.0	0	12,401.0
	RIVERBANK AAP	15,000.0	5,000.0	1,068,000.0	0	1,063,000.0
	SCRANTON AAP	46,000.0	37,000.0	50,000.0	0	13,000.0

* Capacity is measured in dlh(k) for Armaments Production/Manufacturing and Munitions Maintenance functions; short tons for Munitions Demilitarization; and lbs or each(s) as applicable for Munitions Production.

** An installation may have a maximum capacity, but no current capacity and/or current usage for the following reason: Current Capacity is the expected output from utilization of ALL ACTIVE lines or workstations running ONE shift. Maximum Capacity is the expected output from utilization of ALL ACTIVE and INACTIVE lines or workstations running ONE shift. Examples of installations with only Maximum capacity are Louisiana and Mississippi (ALL lines are INACTIVE).

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>Available Surge/Excess Capacity*</i>
Munitions Storage						
	ANNISTON ARMY DEPOT	463,670	327,015	463,670	0	136,654
	BLUE GRASS ARMY	924,055	739,379	924,055	0	184,676
	CRANE ARMY	1,139,743	818,929	1,139,743	0	320,814
	DESERET CHEMICAL	167,061	127,451	167,061	0	39,610
	HAWTHORNE ARMY	1,468,599	864,896	1,468,599	0	603,703
	HOLSTON AAP	47,276	10,555	47,276	0	36,721
	IOWA AAP	266,228	117,283	266,228	0	148,945
	KANSAS ARMY	218,754	154,081	218,754	0	64,674
	LAKE CITY AAP	219,400	219,400	219,400	0	0
	LETTERKENNY ARMY	545,942	327,062	545,942	0	218,880
	LONE STAR AAP	210,149	168,123	210,149	0	42,026
	LOUISIANA AAP	81,550	63,003	81,550	0	18,547
	MCALESTER AAP	1,613,618	987,850	1,613,618	0	625,768
	MILAN AAP	505,354	137,540	505,354	0	367,814
	MISSISSIPPI AAP	24,551	0	24,551	0	24,551
	NEWPORT CHEM	2,703	2,703	2,703	0	0
	PINE BLUFF ARSENAL	925,043	862,543	925,043	0	62,500
	PUEBLO CHEM DEPOT	343,722	37,653	343,722	0	306,069
	RADFORD AAP	107,320	74,746	107,320	0	32,573
	RED RIVER ARMY DEPOT	419,563	280,206	419,563	0	139,357
	SIERRA ARMY DEPOT	1,057,051	196,978	1,057,051	0	860,073
	TOOELE ARMY DEPOT	757,273	460,641	757,273	0	296,632

* Capacity is measured in dlh(k) for Armaments Production/Manufacturing and Munitions Maintenance functions; short tons for Munitions Demilitarization; and lbs or each(s) as applicable for Munitions Production.

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Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

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	583	437	328	498	184	516	2,547	0
Moving	0	0	4,474	71	0	71	4,616	0
Missio	0	0	0	0	0	0	0	0
Other	61	47,386	61	3,280	680	1,980	53,448	0
TOTAL	644	47,823	4,863	3,995	864	2,898	61,089	0

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	8,098	0	0	8,098	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	20,878	13,075	23,841	83,178	25,772

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.04)

Data As Of 1/24/2005 8:03:50 AM, Report Created 1/24/2005 8:03:53 AM

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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

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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

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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	5,833,960	0	-5,833,960	-100%	291,698
MILAN AAP	8,340,020	8,340,020	0	0%	0
CRANE AAP	15,821,991	15,821,991	0	0%	0
IOWA AAP	8,058,330	8,058,330	0	0%	0
MCALESTER	23,613,891	23,613,891	0	0%	0
TOTAL	61,668,192	55,834,232	-5,833,960	-9%	291,698

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
LONE STAR AAP	10,017,360	0	-10,017,360	-100%	500,868
MILAN AAP	10,457,680	10,457,680	0	0%	0
CRANE AAP	15,474,270	15,474,270	0	0%	0
IOWA AAP	14,105,240	14,105,240	0	0%	0
MCALESTER	21,594,560	21,594,560	0	0%	0
TOTAL	71,649,110	61,631,750	-10,017,360	-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	24,312,510	0	-24,312,510	-100%	1,215,625
MILAN AAP	29,544,937	29,544,937	0	0%	0
CRANE AAP	51,007,113	51,007,113	0	0%	0
IOWA AAP	34,523,188	34,523,188	0	0%	0
MCALESTER	69,447,242	69,447,242	0	0%	0
-----	-----	-----	-----	-----	-----
TOTAL	208,834,991	184,522,480	-24,312,510	-12%	1,215,625

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
-----	-----	-----	-----	-----	-----
LONE STAR AAP	871,502,580	-0	-871,502,580	-100%	43,575,129
MILAN AAP	1,106,965,370	1,106,965,370	0	0%	0
CRANE AAP	2,030,217,700	2,030,217,700	0	0%	0
IOWA AAP	1,273,040,710	1,273,040,710	0	0%	0
MCALESTER	2,496,595,520	2,496,595,520	0	0%	0
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TOTAL	7,778,321,880	6,906,819,300	-871,502,580	-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	61	4,211	61	680	680	1,980	7,673
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	43,175	0	2,600	0	0	45,775
TOTAL ONE-TIME	644	47,823	4,863	3,995	864	2,898	61,089

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RECURRINGCOSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COST	644	47,823	4,863	3,995	864	2,898	61,089	0
ONE-TIME SAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	
CONSTRUCTION								
MILCON	0	0	0	8,098	0	0	8,098	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	8,098	0	0	8,098	
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	20,878	13,075	23,841	83,178	25,772

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 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	-8,098	0	0	-8,098	
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	61	4,211	61	680	680	1,980	7,673	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	43,175	0	2,600	0	0	45,775	
TOTAL ONE-TIME	644	47,823	4,863	-4,103	864	2,898	45,318	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
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	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 NET COST	-7,817	39,362	-3,598	-16,883	-12,211	-20,942	-22,089	-25,772

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)

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	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	680	680	1,980	3,340
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	3,995	864	2,898	15,854

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	583	4,462	3,050	3,995	864	2,898	15,854	0
ONE-TIME SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	8,098	0	0	8,098	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	8,098	0	0	8,098	
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	20,878	13,075	23,841	83,178	25,772

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: LONE STAR AAP, TX (48513)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	-8,098	0	0	-8,098	
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	680	680	1,980	3,340	
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	-4,103	864	2,898	7,756	
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	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 NET COST	-7,878	-3,999	-5,411	-16,883	-12,211	-20,942	-67,324	-25,772

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: MILAN AAP, TN (47579)

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	1,000	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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
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	4,759	0	0	0	0	4,759	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: CRANE AAP, IN (18174)	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	1,050	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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,100	0	0	0	0	1,100
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	6,625	0	0	0	0	6,625

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,100	0	0	0	0	1,100	
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	6,625	0	0	0	0	6,625	
RECURRING NET								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	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	6,625	0	0	0	0	6,625	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	61	1,061	61	0	0	0	1,183
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	29,791	0	0	0	0	29,791
TOTAL ONE-TIME	61	30,852	1,813	0	0	0	32,726

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	61	1,061	61	0	0	0	1,183	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	29,791	0	0	0	0	29,791	
TOTAL ONE-TIME	61	30,852	1,813	0	0	0	32,726	
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	61	30,852	1,813	0	0	0	32,726	0

COBRA ECONOMIC IMPACT REPORT (COBRA v6.04)

Data As Of 1/24/2005 8:03:50 AM, Report Created 1/24/2005 8:03:53 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
_Alt_01242005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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 v6.04)

Data As Of 1/24/2005 8:03:50 AM, Report Created 1/24/2005 8:03:52 AM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
_Alt_01242005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

SCENARIO DATA:

"Industrial" is not a recognized Department.

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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:	33.418060	Retiree	0 0 0
Longitude:	-94.418060	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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:	1.0%	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:	35.933330	Retiree	0 0 0
Longitude:	-88.783330	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:	39.716670	Retiree	0 0 0
Longitude:	-86.266670	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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:	0.0%	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:	42.533330	Retiree	0 0 0
Longitude:	-93.266670	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:	0.1%	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	0.00 121.00 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:	34.833330	Retiree	0 1,893 0
Longitude:	-95.925000	Retiree65+	0 18 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	680	680	1,980
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	8,098	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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,100	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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MCALESTER, OK (40549)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	29,791	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 Reqd(\$K):	61	1,061	61	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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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:	3.15%	

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

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.04)
Data As Of 1/24/2005 8:03:50 AM, Report Created 1/24/2005 8:03:53 AM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
_Alt_01242005.CBR
Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
-----	-----	-----	-----
LONE STAR AAP	0	-8,098,000	-8,098,000
MILAN AAP	0	0	0
CRANE AAP	0	0	0
IOWA AAP	0	0	0
MCALESTER	0	0	0
-----	-----	-----	-----
Totals:	0	-8,098,000	-8,098,000

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

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

MilCon for Base: LONE STAR AAP, TX (48513)

All values in 2005 Constant Dollars (\$K)

FAC Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
Total Construction Cost:						0
- Construction Cost Avoid:						8,098
Total Net Milcon Cost:						-8,098

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

COBRA NET PRESENT VALUES REPORT (COBRA v6.04)

Data As Of 1/24/2005 8:03:50 AM, Report Created 1/24/2005 8:03:53 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderswood\Desktop\COBRA 6.04\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	-7,816,794	-7,696,514	-7,696,514
2007	39,362,357	37,573,119	29,876,605
2008	-3,598,000	-3,329,569	26,547,036
2009	-16,883,339	-15,146,630	11,400,405
2010	-12,210,811	-10,620,207	780,198
2011	-20,942,373	-17,658,146	-16,877,948
2012	-25,771,683	-21,066,519	-37,944,466
2013	-25,771,683	-20,423,188	-58,367,654
2014	-25,771,683	-19,799,504	-78,167,158
2015	-25,771,683	-19,194,866	-97,362,024
2016	-25,771,683	-18,608,692	-115,970,716
2017	-25,771,683	-18,040,419	-134,011,134
2018	-25,771,683	-17,489,499	-151,500,634
2019	-25,771,683	-16,955,404	-168,456,038
2020	-25,771,683	-16,437,619	-184,893,657
2021	-25,771,683	-15,935,646	-200,829,303
2022	-25,771,683	-15,449,003	-216,278,306
2023	-25,771,683	-14,977,220	-231,255,526
2024	-25,771,683	-14,519,845	-245,775,371
2025	-25,771,683	-14,076,437	-259,851,809

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,918,256	
Support Contract Termination	0	
Mothball / Shutdown	628,920	
Total - Overhead		2,547,176
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	7,673,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	45,775,000	
Total - Other		53,448,000

Total One-Time Costs		61,089,068

One-Time Savings		
Military Construction Cost Avoidances	8,098,000	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		8,098,000

Total Net One-Time Costs		52,991,068

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,918,256	
Support Contract Termination	0	
Mothball / Shutdown	628,920	
Total - Overhead		2,547,176
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	3,340,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	6,625,000	
Total - Other		9,965,000

Total One-Time Costs		15,853,758

One-Time Savings		
Military Construction Cost Avoidances	8,098,000	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		8,098,000

Total Net One-Time Costs		7,755,758

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	5,525,000	
Total - Other		6,625,000

Total One-Time Costs		6,625,000

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		6,625,000

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	1,183,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	29,791,000	
Total - Other		30,974,000

Total One-Time Costs		32,726,310

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		32,726,310

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcaldерwood\Desktop\COBRA 6.04\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 RETIRMENTS		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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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	2
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	1	0	2
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	2
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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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\Close Lone Star AAP Alt 2_01242005uncertified\Close Lone Star AAP
 _Alt_01242005.CBR
 Option Pkg Name: Close Lone Star AAP - Alt (move selected workload to Iowa)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\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%

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

MA-21 Lone: Close Lone Star

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

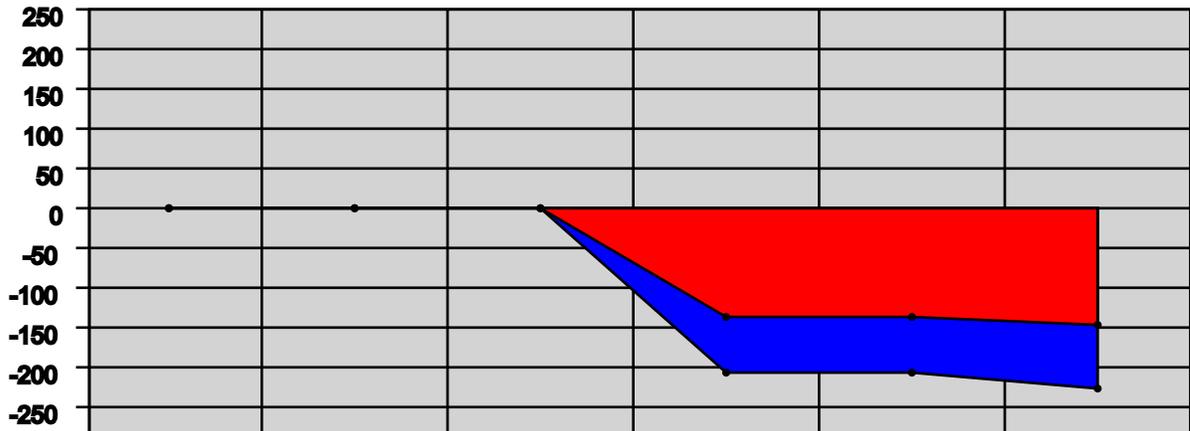
ECONOMIC IMPACT DATA

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%

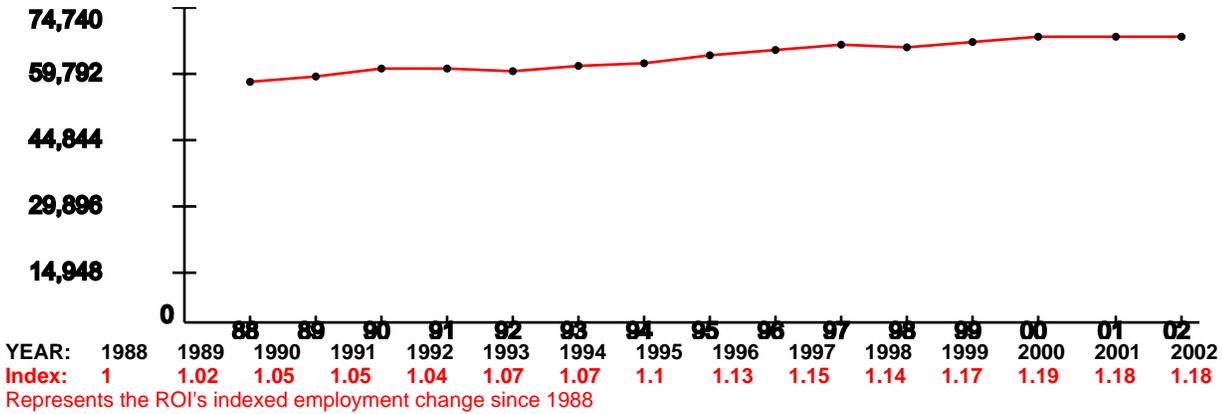
Cumulative Job Change (Gain/Loss) Over Time:



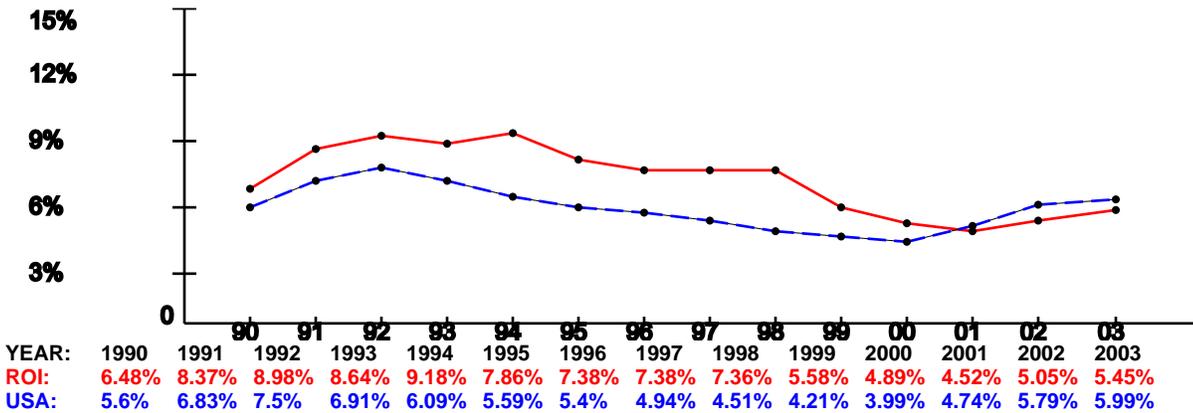
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	-1	0	-1
Direct Civllian:	0	0	0	-7	0	-11
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	-129	0	0
Cumulative Direct:	0	0	0	-137	-137	-149
Cum Indlr/Induc:	0	0	0	-72	-72	-80
Cumulative Total:	0	0	0	-209	-209	-229

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

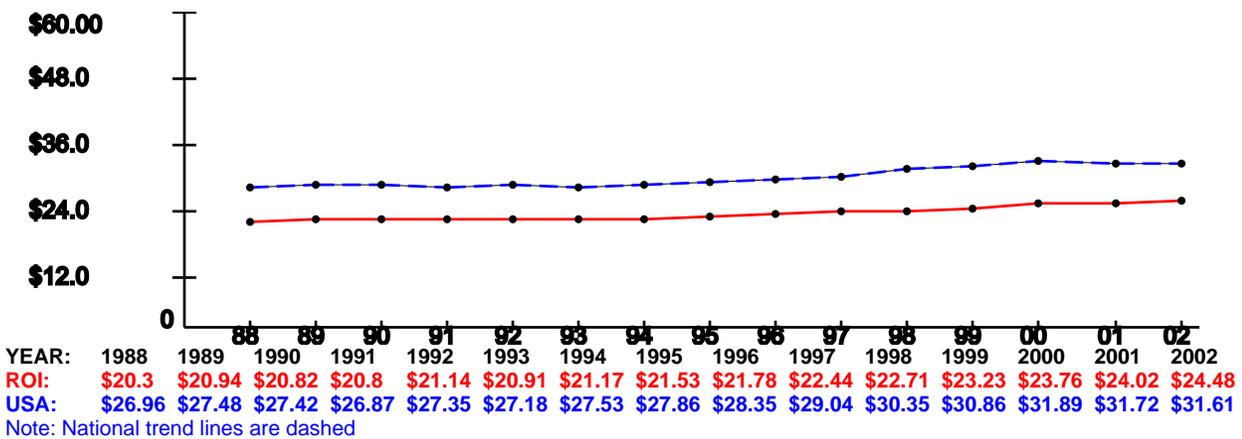
Employment Trend (1988-2002)



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.

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

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

		Basis
School District(s) Capacity	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	

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	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.

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

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

		Basis
School District(s) Capacity	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.

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

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

		Basis
School District(s) Capacity	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 WORKING DRAFT]
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. Relocate the storage and demilitarization functions involves no personnel and no new facilities added to McAlester.
2. Relocate the 105mm and 155mm ICM artillery, MLRS artillery, hand grenades, 60 mm and 81mm mortars functions involves 135 personnel and no new facilities added to Milan AAP.
3. Relocate mines functions involves 10 personnel and no new facilities added to Iowa AAP. Relocate the detonators/relays/delays workload involves 25 personnel and one 40 KSF facility added to Iowa AAP, and also requires a lead-treatment plant.
5. Relocate demolition charges involves 10 personnel added to Crane AAP.

ANALYST: LILLIAN VALMORO

DATE: 5 JAN 2005 (UPDT 19 JAN 05)

Env Resource Area	#1 Gaining Installation Assessment Inst Name: McAlester AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact. No new construction likely, only upgrading existing facilities	#211 - No permit/Major Source threshold exceedences reported #213 in attainment for CO and Ozone (1 hour) rest are "unclassifiable" #218/ISR2 No mission impact indicated #220 Major Operating Permit, Title V permits for installation.
Cultural//Archeological//Tribal Resources	No impact. 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 cemeteries/native people's sites #230 No archeological resources identified. #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) I-3-05). #254 No SRAs restricting training/mission #256 No SRAs nearby

Marine Mammals/Marine Resources/Marine	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 include American Burying Beetle; disruptions of >5 acres must be coordinated with USFWS.	#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)
Water Resources	No impact.	#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation does discharge to an impaired waterway (organic loading), but current operations do not currently impair waterway #293 No potable water restrictions #282 Daily industrial wastewater treatment unknown. IREM- Infrastructure can support 1974 additional personnel-Scenario adds 0 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); [TABS WORKING DRAFT]
SCENARIO #650

Env Resource Area	#2 Gaining Installation Assessment Inst Name: Milan AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact – No new construction planned.	#211 – CO permit/Major Source thresholds 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	#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 #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 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 Installation has noise contours that extend off installation.
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)

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Water Resources</p>	<p>No Impact</p>	<p>#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation does not discharge into impaired waterway #291- #292 Significant capacity remains in potable water - IREM reports infrastructure can support additional 742 people; scenario adds 135 #293 No restrictions reported #297 Significant capacity remains for municipal and industrial effluent #282-Installation has one On Military Installation Govt Owned Plant for industrial wastewater</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wetlands</p>	<p>No Impact</p>	<p>#257 1.6% of installation is restricted by wetlands – specifics on restrictions not provided</p>

Subject: Summary of Scenario Environmental Impacts (Continued); [TABS Working Draft]
SCENARIO #650

Env Resource Area	#3 Gaining Installation Assessment Inst Name: Iowa AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Minor Impact. New Source Review required for new construction of detonator facility. This function also requires permits for a lead treatment plant.	#211 - No permit/Major Source thresholds exceedences reported #213 In attainment for all pollutants #218/ISR – Open burning operations is restricted which impacts installation but not impacting mission #220 Major Operating Permit, Title V permits for installation.
Cultural//Archeological//Tri bal Resources	No Impact	#229 Cemeteries are present #230 291 archeological resources/sacred sites that restrict future construction and training. #231 Native people sites identified #233 100% of the installation surveyed #234 3 Tribes (Iowa Tribe, Sac and Fox, and Winnebago) have asserted interest in resources, but contact is rare. #235 No Historic Districts/Places identified #236 No Programmatic agreement in place
Dre dg- ing	No Impact	No dredging impacts for this scenario.
Land Use Constraints//Sen sitive Resource Areas	No Impact	#30 2,806 buildable acres available, 15 acres required (based on 1 40,000 SF facility- twice the size of a small admin org) #201 No constraints #254 No SRAs restricting training/mission #256 2 SRA nearby, but not restricting mission
Marine Mamm als//Mar ine Resour ces/ Marine	No Impact	There are no impacts to marine resources from this proposal.
Noi se	No Impact	#239 No noise constraints currently and contours do not extend offsite.

Threatened & Endangered Species/Critical Habitat	<p>No Impact.</p> <p>TES on installation include the Indiana Bat and affects 27% of installation.</p>	<p>#249 No restrictions</p> <p>#259 1 Federal TES species (Indiana Bat) on site, affects 27% of installation (no training on smoke and blank ammo for 5 months)</p> <p>#260 No critical habitat</p> <p>#261 No biological opinion</p> <p>#262 No restrictions</p> <p>#263, 264 No candidate species, no proposed habitat</p>
Waste Management	<p>No Impact – permit modifications may be required for lead processing</p>	<p># 269 Gaining installation has a RCRA X Permit (interim status)</p>
Water Resources	<p>Likely No Impact. Installation may need upgrades to industrial wastewater treatment systems for lead processing.</p>	<p>#276 Installation not over a recharge zone</p> <p>#278 Not subject to McCarren Act</p> <p>#279 Installation does not discharge into impaired waterway</p> <p>#293 No potable water restrictions</p> <p>#291 Installation uses one Off Military Installation Publicly Owned for potable water</p> <p>#282 Installation uses one On Military Installation Govt Owned Plant for industrial wastewater treatment</p> <p>IREM reports infrastructure can support additional 4,385 pers; scenario adds 25.</p>
Wetlands	<p>No Impact</p>	<p>#251 Installation Surveyed in 1999</p> <p>#257 0.6% of installation is restricted by wetlands -- avoid wetlands altogether and obtain permit prior to making any modifications.</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED); [TABS WORKING DRAFT]
SCENARIO #650

Env Resource Area	#5 Gaining Installation Assessment Inst Name: Crane AAA	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact. No new construction required, only upgrades to existing facilities. Air Conformity Analysis may be required to address threshold exceedences.	#213 – Installation is in attainment area for all criteria pollutants. #211 - Major Source thresholds exceedences reported for NOX, PM10 and CO #212-Exceedences for Manganese reported #220 -Major operating permit #218/ISR2 - No mission impact indicated.
Cultural/Archeological/Tribal Resources	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.	#201 No constraints #229, 231 No cemeteries/native people's sites #230 63 archeological resources that do not restrict current construction but constricts future construction and training/operations reported #233 – 2.34% of installation surveyed #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	No Impact	#30 5,429 buildable acres available and 0 needed #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 - Currently has Noise Zone 2 contours off the installation but no incompatible land use on these areas.

Threatened & Endangered Species/Critical Habitat	Likely No Impact. TES include Indiana Bat and Bald Eagle which affect 80 acres of land (no destruction of trees 600 feet radius distance from nesting site during certain times)	#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
Waste Management	No Impact	Q#269 – Has RCRA Part X Permit
Water Resources	No Impact	#276 Installation not over a recharge zone #278 Not subject to McArren Act #279 Installation does discharge into impaired waterway (E.coli)– which is source of drinking water #293 No potable water restrictions #282 Installation uses 13 On Military Installation Govt Owned Plants for industrial wastewater treatment #291 Installation uses one On Military Installation Govt Owned Plant for potable water production IREM indicates infrastructure can support additional 1,020 personnel- scenario adds 10
Wetlands	No Impacts.	#251 - Installation surveyed on 6/98 #257 - 5% of the installation has restricted wetlands (no dredging)

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED); [TABS WORKING DRAFT]
SCENARIO #650

Env Resource Area	<i>Losing Installation Assessment</i> 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.
Drugs	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.
Marine Mammals/ Marine Birds	No impact	
Noise	No impact	
Threatened & Endangered Species/ Critical Habitats	Federally listed species includes the American Alligator. Continued management and/or deed restrictions may be necessary to insure future protection.	#259- 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 from these areas.	#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, Dichloroethene, cis-1,2,-dichloroethene, 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. Installation has industrial wastewater treatment plant that may require closure.	#275 - Groundwater contamination includes Benzene, Dichloroethene, and Vinyl Chloride. #281 - Surface water contamination includes cadmium, copper, zinc, lead, and barium. #822 Has industrial wastewater treatment plant.
Wetlands	No impact	

**SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED); [TABS WORKING DRAFT]
SCENARIO #650**

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).
Waste Management	None	Restoration of hazardous waste sites - \$500K - \$10M Land Use Controls management/enforcement in perpetuity - \$50K - \$100K Asbestos/Lead-based Paint Removal - \$200K-\$1M -Controlled burning/decontamination/demolition of industrial structures/buildings heavily contaminated with explosives/metals -\$1M-\$10M

<p>Environmental Compliance</p>	<p><u>McAlester:</u> -Archaeological/tribal resources inventory - \$25-\$100 per acre -Evaluation to determine if archaeological site(s) is significant- \$15K-\$40K per site -Mitigation of arch/historical site -\$25K-\$500K per site depending on complexity -Develop PA -\$10K -Conduct Tribal gov't-to-gov't consultation \$500-\$2K per meeting -Realignment NEPA at gaining base – industrial-\$1M (EIS) -Endangered Species Management (includes monitoring)-\$20K-\$2M -ESA Consultation (BA Prep) -\$10K-\$100K <u>Milan:</u> -Archaeological/tribal resources inventory - \$25-\$100 per acre -Evaluation to determine if archaeological site(s) is significant- \$15K-\$40K per site -Mitigation of arch/historical site -\$25K-\$500K per site depending on complexity -Evaluate significance & mitigation of historic buildings IAW PA-\$5K-\$25K per bldg -Realignment NEPA at gaining base – industrial-\$1M (EIS)</p>	<p>Environmental Baseline Survey (EBS) \$200K-300K. -Access controls/caretaker management of cultural sites \$500K-\$1M</p>
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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Environmental Compliance (CONT'D)</p>	<p><u>Iowa:</u> -New Source Review Analysis and Permitting - \$100K-\$500K -Mitigation of archaeological site - \$25K-\$500K per site depending on complexity -Conduct Tribal gov't-to-gov't consultation - \$500-\$2K per meeting -Realignment NEPA at gaining base – industrial-\$1M (EIS) -Endangered Species Management (includes monitoring)-\$20K-\$2M -ESA Consultation (BA Prep) -\$10K-\$100K <u>Crane:</u> -Air Conformity Analysis -\$25K-\$75K -Archaeological/tribal resources inventory - \$25-\$100 per acre -Evaluation to determine if archaeological site(s) is significant- \$15K-\$40K per site -Mitigation of arch/historical site -\$25K-\$500K per site depending on complexity -Evaluate significance & mitigation of historic buildings IAW PA-\$5K-\$25K per bldg -Conduct Tribal gov't-to-gov't consultation \$500-\$2K per meeting -Endangered Species Management (includes monitoring)-\$20K-\$2M -ESA Consultation (BA Prep) -\$10K-\$100K</p>	
<p>COBRA Costs:</p>	<p><u>McAlester:</u> -NEPA-\$1M (EIS) <u>Milan:</u> -NEPA-\$1M (EIS) <u>Iowa:</u> -New Source Review - \$100K -NEPA-\$1M (EIS) <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.

INSTALLATION ENVIRONMENTAL PROFILE

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.

CLOSE HOLD

Material contained herein is sensitive. Release of data or analysis pertaining to evaluation of military Bases for closure or realignment is restricted until the Secretary of Defense forwards recommendations To the Defense Base Closure and Realignment Commission in May 2005. All individuals handling this Information should take steps to protect the material herein from disclosure.

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IND 0122

Munitions & Armaments Subgroup



Industrial Joint Cross-Service Group
2301 Gallows Rd
Dunn Loring, VA 22182
POC: Willie D. Smith
Phone: 703-560-3799

IJCSG-IND 0122

Military Value Rankings

Demilitarization

ANNISTON ARMY DEPOT	0.120534
BLUE GRASS ARMY DEPOT	0.310352
CRANE ARMY AMMUNITION ACTIVITY	0.297125
HAWTHORNE ARMY DEPOT	0.818122
IOWA AAP	0.142041
KANSAS ARMY AMMUNITION PLANT	0.00742
LAKE CITY AAP	0.000615
LETTERKENNY ARMY DEPOT	0.470351
LONE STAR AAP	0.007127
MCALESTER AAP	0.699519
PINE BLUFF ARSENAL	0.007843
RED RIVER ARMY DEPOT	0.167118
TOOELE ARMY DEPOT	0.725705

Military Value Rankings

Munitions Production

CRANE ARMY AMMUNITION ACTIVITY	0.521784
HOLSTON AAP	0.14931
IOWA AAP	0.314379
KANSAS ARMY AMMUNITION PLANT	0.278137
LAKE CITY AAP	0.2992
LONE STAR AAP	0.531908
LOUISIANA AAP	0.034322
MCALESTER AAP	0.596726
MILAN AAP	0.570781
MISSISSIPPI AAP	0.076455
NAVSURFWARCENDIV_INDIAN_HEAD_MD	0.487699
NSWC_INDIAN_HEAD_DET_YORKTOWN	0.20421
PINE BLUFF ARSENAL	0.191053
RADFORD AAP	0.233465
RIVERBANK AAP	0.107466
SCRANTON AAP	0.245006

Military Value Rankings

Storage and Distribution

ANNISTON ARMY DEPOT	0.1839
BLUE GRASS ARMY DEPOT	0.261858
CRANE ARMY AMMUNITION ACTIVITY	0.413099
HAWTHORNE ARMY DEPOT	0.576742
HOLSTON AAP	0.002426
IOWA AAP	0.064573
KANSAS ARMY AMMUNITION PLANT	0.023499
LAKE CITY AAP	0.037455
LETTERKENNY ARMY DEPOT	0.169986
LONE STAR AAP	0.008987
LOUISIANA AAP	0.244578
MCALESTER AAP	0.619963
MILAN AAP	0.114415
MISSISSIPPI AAP	0.000000
PINE BLUFF ARSENAL	0.040965
RADFORD AAP	0.037659
RED RIVER ARMY DEPOT	0.331679
SIERRA ARMY DEPOT	0.286647
TOOELE ARMY DEPOT	0.32789

Candidate Recommendation #IND-0122

Candidate 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 9 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 \$61.09M. The net of all costs and savings to the Department during the implementation period is a savings of \$22.09M. Annual recurring savings to the Department after implementation are \$25.77M with a payback expected immediately. The Net Present Value of the costs and savings to the Department over 20 years is a savings of \$259.85M.

Impacts:

Economic Impact: 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.

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.

Environmental Impact: This recommendation may have minor impact on air quality at Iowa AAP. A New Source Review is required for new construction of a detonator facility as well as permits for a lead treatment facility. 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. Federally listed species at Lone Star include the American Alligator. Continued management and/or deed restrictions at Lone Star may be necessary

to ensure future protection. Special waste management areas at Lone Star include RCRA, TSD, 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 from these areas. Groundwater contamination issues at Lone Star include Benzene, Dichloroethene, cis-1, 2, -dichlorethene, and Vinyl Chloride. Surface water contamination at Lone Star includes cadmium, copper, zinc, lead, and barium. Restoration and/or monitoring of contaminated media may be required after closure. Lone Star has industrial has an industrial wastewater treatment plan that may require closure. This recommendation has no impact on dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; or wetlands. Environmental Impact Statements will be required at Lone Star, McAlester, Milan, Iowa and Crane at a total cost of approximately \$5M. An environmental baseline survey will be required at Lone Star at a cost of approximately \$300K. A new Source Review will be required at Iowa at a cost of approximately \$100K. An Air Conformity Analysis will be required at Crane at a cost of approximately \$50K. The approximately \$5.45M cost for these actions was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0122

Supporting Information

Known or Potential Conflicts:

Capacity Analysis: Attached. Closure eliminated 24.144M production units.

Military Value Analysis: Details are attached. This recommendation relocates the storage and demilitarization functions from Lone Star Army Ammunition Plant, which has a quantitative military value score of 0.0089 for storage (21st of 23 storage locations) and 0.0071 for demilitarization (12th of 13 demilitarization locations) to McAlester, which has quantitative military value score of 0.6168 for storage (1st of 23 storage locations) and 0.6995 for demilitarization (3rd of 13 demilitarization locations). This recommendation relocates various munitions production functions from Lone Star Army Ammunition Plant, which has a quantitative military value score of 0.5319 for munitions production (3rd of 16 munitions production locations) to Milan, which has a quantitative military value score of 0.5708 for munitions production (2nd of 16 munitions production locations); to Iowa, which has a quantitative military value score of 0.3144 for munitions production (6th of 16 munitions production locations); and to Crane, which has a quantitative military value score of 0.5219 for munitions production (4th of 16 munitions production locations). Although Lone Star has a higher quantitative military value score for production than Iowa or Crane, it is not as capable as those two. Military judgment demands a reduction of redundancies and the retention of sites that are currently producing commodities; therefore, the ongoing production output of Iowa and Crane outweighs the mostly idle capacity available at Lone Star. Furthermore, for demilitarization, Iowa has a quantitative military value score of 0.1420 and Crane has a score of 0.2971 compared to a score of 0.0071 for Lone Star. For storage and distribution, Iowa has a quantitative military value score of 0.0642 and Crane has a score of 0.4131 compared to a score of 0.0090 for Lone Star. Therefore, it is the military judgment of the Industrial Joint Cross Service Group that the multiple other functions performed at Iowa and Crane at significantly higher quantitative military value scores than Lone Star provide agility, efficiency and responsiveness commensurate with established BRAC 2005 principles and warrant the closure of Lone Star. Average Military Value score for all sites performing Demilitarization, Production, and Storage, with Lone Star in the calculation, is .2415. With the closure of Lone Star, the average Military Value score increases to .2451.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.