

Net Fires Center

Recommendation: Realign Fort Bliss, TX, by relocating the Air Defense Artillery (ADA) Center & School to Fort Sill, OK. Consolidate the Air Defense Artillery Center & School with the Field Artillery Center & School to establish a Net Fires Center.

Justification: This recommendation consolidates Net Fires training and doctrine development at a single location. The moves advance the Maneuver Support Center (MANSCEN) model, currently in place at Ft. Leonard Wood, which consolidated the Military Police, Engineer, and Chemical Centers and Schools. This recommendation improves the MANSCEN concept by consolidating functionally related Branch Centers & Schools, which fosters consistency, standardization, and training proficiency. It also facilitates task force stabilization, by combining operational forces with institutional training. In addition, it consolidates both ADA and Field Artillery skill level I courses at one location, which allows the Army to reduce the total number of Military Occupational Skills training locations (reducing the TRADOC footprint). Additionally, it enhances military value, supports the Army's force structure plan, and maintains sufficient surge capability to address future unforeseen requirements. It improves training capabilities while eliminating excess capacity at institutional training installations. This provides the same or better level of service at a reduced cost. This recommendation supports Army Transformation by collocating institutional training, Modification Table of organization and Equipment (MTOE) units, Research, Development, Test and Evaluation (RDTE) organizations and other TDA units in large numbers on single installations to support force stabilization and engage training.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$247.0M. The net of all costs and savings to the Department of Defense during the implementation period is a cost of \$93.0M. Annual recurring savings to the Department after implementation are \$42.6M with a payback expected in 6 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$319.1M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 6,020 jobs (3369 direct jobs and 2651 indirect jobs) over the 2006-2011 period in the El Paso, TX, metropolitan economic area, which is 1.9 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered.

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

Environmental Impact: Development of a Programmatic Agreement will be necessary at Fort Sill to formalize mitigation measures and restrictions and evaluations to determine significance of cultural and historical resources. Tribal/government-to-government consultations may be required. A Noise Analysis and continuous monitoring efforts will likely be required at Fort Sill. Additional operations at Fort Sill may impact the Black-capped Vireo, possibly leading to

restrictions on operations. Significant mitigation measures to limit releases may be required at Fort Sill to reduce impacts to water quality and achieve USEPA Water Quality Standards. This recommendation has no impact on dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; waste management; or wetlands. This recommendation will require spending approximately \$0.4M for environmental compliance costs. These costs were included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

21-Apr-05

Recommendation Supporting Information

Aviation Log to Rucker

Competing Recommendations and Other Information:

There are no competing recommendations.

Force Structure Capabilities:

This recommendation ensures that the Department will retain the necessary capabilities to support the Force Structure Plan. Retained capacity at the Fort Rucker for institutional training facilities is 998,000 SF. This includes; General purpose Instructional, Applied Instructional and General Administrative Buildings. The addition of the Air Defense Artillery Center and School as this recommendation proposes would require MILCON of 2,336,000 SF; additionally, there are 1,142 acres available for new construction which is sufficient to meet the requirements of this candidate recommendation.

MVA Results:

This candidate recommendation enhances the military value of the Army by improving force structure training and readiness. It moves activities from a lower Military Value installation (Fort Eustis #33) to a higher ranked one (Fort Rucker #28) on Army's military value evaluation for overall capability. See attached Army installations Military Value rankings.

It uses excess training capacity at Fort Rucker while creating space for additional TDA activities at Fort Eustis (better utilizing each installations capabilities), which improves the current and future mission capabilities and the impact on operational readiness of the Department of Defense's total force, including the impact on joint war-fighting, training and readiness.

Other installations were considered, but not found cost effective. This recommendation improves the Army's training and readiness capability by providing Aviation training at one location, which fosters consistency, standardization and training proficiency. It also facilitates task force stabilization.

Capacity Analysis Results:

The consolidation of the Aviation training at Fort Rucker ensures the Army has the surge capability necessary to accommodate unforeseen requirements for both institutional training and for future force structure changes. By leaving Fort Eustis, the Army has created space for additional activities, such as operational units and other TDA activities. This recommendation has taken advantage of excess Aircraft Maintenance Hangar, Unit Headquarters Building, Enlisted Unaccompanied Personnel Housing, Dining Facility, Vehicle Parking space at Fort Rucker.

This consolidation of institutional training with other TDA units at a single installation

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promotes force stabilization and creates future stationing alternatives at reduced costs. Reduced costs are possible due to cross installation assignments, an overall smaller footprint, which requires fewer sustainment dollars and a smaller Army recap program. This recommendation will also improve the condition of facilities while creating cost and manpower savings through consolidation of mission and functions in instructors and school support elements in the institutional training area.

See attached Army installations capacity analysis chart.

**** End of Report ****

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
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Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2008
 Payback Year : 2014 (6 Years)

NPV in 2025(\$K): -319,067
 1-Time Cost(\$K): 246,996

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	32,456	156,144	0	0	0	0	188,600	0
Person	0	-4,385	-31,430	-54,310	-54,310	-54,310	-198,746	-54,310
Overhd	3,099	6,913	8,821	7,297	7,297	7,297	40,726	7,297
Moving	73	726	8,621	0	0	0	9,420	0
Missio	0	0	0	0	0	0	0	0
Other	6,841	25,883	7,062	4,392	4,392	4,392	52,962	4,392
TOTAL	42,469	185,281	-6,925	-42,621	-42,621	-42,621	92,962	-42,621

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	15	60	0	0	0	75
Enl	0	87	345	0	0	0	432
Civ	0	22	90	0	0	0	112
TOT	0	124	495	0	0	0	619

	2006	2007	2008	2009	2010	2011	Total
POSITIONS REALIGNED							
Off	0	3	273	0	0	0	276
Enl	0	11	1,134	0	0	0	1,145
Stu	0	271	1,083	0	0	0	1,354
Civ	0	2	221	0	0	0	223
TOT	0	287	2,711	0	0	0	2,998

Summary:

1. CR E&T 0061 - Realign Ft. Bliss and create a Net Fires Center at Sill by consolidating the FA Center and School (Sill) with the ADA Center and School (Bliss).
2. This proposal includes BPR personnel reductions resulting from consolidations and BASOPS adjustments in the population realignments at the installations above.

Operational Logic:

Consolidates Net Fires training and doctrine development at a single location. The move advances the MANSCEN model, currently in place at Ft. Leonard Wood, promoting training effectiveness and functional efficiencies. Supports TF Stabilization. Creates room at Bliss for other activities.

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Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	32,456	156,144	0	0	0	0	188,600	0
Person	0	1,451	10,107	8,182	8,182	8,182	36,105	8,182
Overhd	3,099	7,489	13,847	12,324	12,324	12,324	61,407	12,324
Moving	73	756	11,577	0	0	0	12,406	0
Missio	0	0	0	0	0	0	0	0
Other	6,841	25,883	7,062	4,392	4,392	4,392	52,962	4,392
TOTAL	42,469	191,724	42,594	24,898	24,898	24,898	351,480	24,898

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	0	0	0	0	0	0	0	0
Person	0	5,836	41,537	62,492	62,492	62,492	234,851	62,492
Overhd	0	576	5,026	5,026	5,026	5,026	20,681	5,026
Moving	0	30	2,956	0	0	0	2,986	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	6,443	49,519	67,519	67,519	67,519	258,518	67,519

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9
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 Option Pkg Name: Net Fires Center (S111)
 Std Patrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

ONE-TIME COSTS --(\$K)	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	32,456	156,144	0	0	0	0	188,600
O&M							
CIV SALARY							
Civ RIF	0	516	1,033	0	0	0	1,550
Civ Retire	0	24	300	0	0	0	324
CIV MOVING							
Per Diem	0	5	540	0	0	0	545
POV Miles	0	0	24	0	0	0	24
Home Purch	0	18	1,834	0	0	0	1,853
HHG	0	7	664	0	0	0	671
Misc	0	2	198	0	0	0	200
House Hunt	0	4	392	0	0	0	396
PPP	0	177	639	0	0	0	816
RITA	0	8	837	0	0	0	845
FREIGHT							
Packing	0	18	167	0	0	0	185
Freight	0	61	929	0	0	0	990
Vehicles	0	61	547	0	0	0	608
Unemployment	0	40	80	0	0	0	120
OTHER							
Info Tech	73	350	538	0	0	0	961
Prog Manage	2,626	1,970	1,477	0	0	0	6,074
Supt Contract	0	0	0	0	0	0	0
Mothball	0	12	46	0	0	0	58
1 Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	2	206	0	0	0	208
POV Miles	0	2	168	0	0	0	170
HHG	0	25	2,486	0	0	0	2,511
Misc	0	14	1,407	0	0	0	1,421
OTHER							
Elim PCS	0	505	2,008	0	0	0	2,513
OTHER							
HAP / RSE	0	156	2,671	0	0	0	2,827
Environmental	420	0	0	0	0	0	420
Misn Contract	0	0	0	0	0	0	0
1 Time Other	6,421	25,683	0	0	0	0	32,104
TOTAL ONE TIME	41,996	185,807	19,192	0	0	0	246,996

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RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	309	3,167	3,167	3,167	3,167	3,167	16,145	3,167
Recap	164	1,680	1,680	1,680	1,680	1,680	8,563	1,680
BOS	0	661	7,477	7,477	7,477	7,477	30,568	7,477
Civ Salary	0	366	2,227	3,724	3,724	3,724	13,764	3,724
TRICARE	0	43	4,392	4,392	4,392	4,392	17,611	4,392
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	4,458	4,458	4,458	4,458	17,834	4,458
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	473	5,917	23,401	24,898	24,898	24,898	104,484	24,898
TOTAL COST	42,469	191,724	42,594	24,898	24,898	24,898	351,480	24,898
ONE TIME SAVES								
--- (\$K) ----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	30	2,956	0	0	0	2,986	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	30	2,956	0	0	0	2,986	0
RECURRINGSAVES								
---- (\$K) ----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	48	240	240	240	240	1,010	240
Recap	0	33	162	162	162	162	681	162
BOS	0	495	4,624	4,624	4,624	4,624	18,991	4,624
Civ Salary	0	731	4,455	7,447	7,447	7,447	27,529	7,447
MIL PERSONNEL								
Off Salary	0	937	5,624	9,373	9,373	9,373	34,680	9,373
Enl Salary	0	3,584	21,382	35,596	35,596	35,596	131,756	35,596
House Allow	0	583	10,076	10,076	10,076	10,076	40,886	10,076
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	6,413	46,563	67,519	67,519	67,519	255,532	67,519
TOTAL SAVINGS	0	6,443	49,519	67,519	67,519	67,519	258,518	67,519

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ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(SK)-----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	32,456	156,144	0	0	0	0	188,600	
O&M								
Civ Retir/RIF	0	540	1,333	0	0	0	1,873	
Civ Moving	0	362	6,772	0	0	0	7,134	
Info Tech	73	350	538	0	0	0	961	
Other	2,626	2,021	1,603	0	0	0	6,252	
MIL PERSONNEL								
Mil Moving	0	518	3,320	0	0	0	3,837	
OTHER								
HAP / RSE	0	156	2,671	0	0	0	2,827	
Environmental	420	0	0	0	0	0	420	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	6,421	25,683	0	0	0	0	32,104	
TOTAL ONE-TIME	41,996	185,777	16,236	0	0	0	243,589	
RECURRING NET								
-----(SK)-----	----	----	----	----	----	----	----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	309	3,119	2,927	2,927	2,927	2,927	15,135	2,927
Recap	164	1,647	1,518	1,518	1,518	1,518	7,882	1,518
BOS	0	165	2,853	2,853	2,853	2,853	11,577	2,853
Civ Salary	0	366	-2,227	-3,724	-3,724	-3,724	-13,764	-3,724
TRICARE	0	43	4,392	4,392	4,392	4,392	17,611	4,392
MIL PERSONNEL								
Mil Salary	0	4,522	-27,006	-44,969	44,969	44,969	166,436	-44,969
House Allow	0	583	-5,617	-5,617	-5,617	-5,617	23,052	-5,617
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	473	-496	-23,162	-42,621	-42,621	-42,621	-151,048	-42,621
TOTAL NET COST	42,469	185,281	-6,925	-42,621	-42,621	-42,621	92,962	-42,621

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 Option Pkg Name: Net Fires Center (Sill)
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Base: BLISS, TX (48083)

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	516	1,033	0	0	0	1,550
Civ Retire	0	24	300	0	0	0	324
CIV MOVING							
Per Diem	0	5	540	0	0	0	545
POV Miles	0	0	24	0	0	0	24
Home Purch	0	18	1,834	0	0	0	1,853
HHG	0	7	664	0	0	0	671
Misc	0	2	198	0	0	0	200
House Hunt	0	4	392	0	0	0	396
PPP	0	177	639	0	0	0	816
RITA	0	8	837	0	0	0	845
FREIGHT							
Packing	0	18	167	0	0	0	185
Freight	0	61	929	0	0	0	990
Vehicles	0	61	547	0	0	0	608
Unemployment	0	40	80	0	0	0	120
OTHER							
Info Tech	0	57	538	0	0	0	595
Prog Manage	2,439	1,829	1,372	0	0	0	5,641
Supt Contract	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	2	206	0	0	0	208
POV Miles	0	2	168	0	0	0	170
HHG	0	25	2,486	0	0	0	2,511
Misc	0	14	1,407	0	0	0	1,421
OTHER							
Elim PCS	0	253	1,015	0	0	0	1,269
OTHER							
HAP / RSE	0	126	2,552	0	0	0	2,678
Environmental	0	0	0	0	0	0	0
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE TIME	2,439	3,253	17,930	0	0	0	23,622

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Base: BLISS, TX (48083)

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	2,439	3,253	17,930	0	0	0	23,622	0

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	30	2,956	0	0	0	2,986	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	30	2,956	0	0	0	2,986	0

RECURRINGSAVES	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	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	495	4,624	4,624	4,624	4,624	18,991	4,624
Civ Salary	0	731	4,455	7,447	7,447	7,447	27,529	7,447
MIL PERSONNEL								
Off Salary	0	437	2,687	4,499	4,499	4,499	16,621	4,499
Enl Salary	0	1,854	11,041	18,375	18,375	18,375	68,020	18,375
House Allow	0	387	10,076	10,076	10,076	10,076	40,690	10,076
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	3,905	32,883	45,021	45,021	45,021	171,851	45,021
TOTAL SAVINGS	0	3,935	35,839	45,021	45,021	45,021	174,837	45,021

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Base: BLISS, TX (48083)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----- (\$K) -----								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIP	0	540	1,333	0	0	0	1,873	
Civ Moving	0	362	6,772	0	0	0	7,134	
Info Tech	0	57	538	0	0	0	595	
Other	2,439	1,869	1,452	0	0	0	5,761	
MIL PERSONNEL								
Mil Moving	0	266	2,327	0	0	0	2,593	
OTHER								
HAP / RSE	0	126	2,552	0	0	0	2,678	
Environmental	0	0	0	0	0	0	0	
Misc Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,439	3,222	14,974	0	0	0	20,635	
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	-495	-4,624	-4,624	-4,624	-4,624	-18,991	-4,624
Civ Salary	0	-731	-4,455	-7,447	-7,447	-7,447	-27,529	-7,447
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-2,291	13,728	-22,874	-22,874	-22,874	-84,642	-22,874
House Allow	0	-387	-10,076	-10,076	-10,076	-10,076	-40,690	-10,076
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	-3,905	32,883	-45,021	-45,021	-45,021	-171,851	-45,021
TOTAL NET COST	2,439	682	-17,909	45,021	-45,021	-45,021	-151,215	-45,021

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/9
 Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\NET 0061 v.6.10 Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: SILL, OK (40801)

ONE-TIME COSTS (\$K)	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	32,456	156,144	0	0	0	0	188,600
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	73	293	0	0	0	0	366
Prog Manage	187	140	105	0	0	0	433
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	12	46	0	0	0	58
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	252	992	0	0	0	1,244
OTHER							
HAP / RSE	0	30	119	0	0	0	149
Environmental	420	0	0	0	0	0	420
Misn Contract	0	0	0	0	0	0	0
1 Time Other	6,421	25,683	0	0	0	0	32,104
TOTAL ONE-TIME	39,557	182,554	1,263	0	0	0	223,374

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: SILL, OK (40801)

RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	399	3,167	3,167	3,167	3,167	3,167	16,145	3,167
Recap	164	1,680	1,680	1,680	1,680	1,680	8,563	1,680
BOS	0	661	7,477	7,477	7,477	7,477	30,568	7,477
Civ Salary	0	366	2,227	3,724	3,724	3,724	13,764	3,724
TRICARE	0	43	4,392	4,392	4,392	4,392	17,611	4,392
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	4,458	4,458	4,458	4,458	17,834	4,458
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	473	5,917	23,401	24,898	24,898	24,898	104,484	24,898
TOTAL COSTS	40,030	188,471	24,664	24,898	24,898	24,898	327,858	24,898
ONE-TIME SAVES								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE TIME	0	0	0	0	0	0	0	0
RECURRING SAVES								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	48	240	240	240	240	1,010	240
Recap	0	33	162	162	162	162	681	162
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	500	2,937	4,874	4,874	4,874	18,058	4,874
Enl Salary	0	1,730	10,341	17,221	17,221	17,221	63,736	17,221
House Allow	0	196	0	0	0	0	196	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	2,508	13,680	22,498	22,498	22,498	83,681	22,498
TOTAL SAVINGS	0	2,508	13,680	22,498	22,498	22,498	83,681	22,498

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: SILL, OK (40801)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(SK)----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	32,456	156,144	0	0	0	0	188,600	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	73	293	0	0	0	0	366	
Other	187	152	151	0	0	0	491	
MIL PERSONNEL								
Mil Moving	0	252	992	0	0	0	1,244	
OTHER								
HAP / RSE	0	30	119	0	0	0	149	
Environmental	420	0	0	0	0	0	420	
Misc Contract	0	0	0	0	0	0	0	
1-Time Other	6,421	25,683	0	0	0	0	32,104	
TOTAL ONE TIME	39,557	182,554	1,263	0	0	0	223,374	
RECURRING NET								
---(SK)---	---	---	---	---	---	---	---	---
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	309	3,119	2,927	2,927	2,927	2,927	15,135	2,927
Recap	164	1,647	1,518	1,518	1,518	1,518	7,882	1,518
BOS	0	661	7,477	7,477	7,477	7,477	30,568	7,477
Civ Salary	0	366	2,227	3,724	3,724	3,724	13,764	3,724
TRICARE	0	43	4,392	4,392	4,392	4,392	17,611	4,392
MIL PERSONNEL								
Mil Salary	0	-2,230	-13,278	22,095	-22,095	-22,095	-81,794	-22,095
House Allow	0	-196	4,458	4,458	4,458	4,458	17,637	4,458
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	473	3,409	9,721	2,400	2,400	2,400	20,803	2,400
TOTAL NET COST	40,030	185,963	10,984	2,400	2,400	2,400	244,177	2,400

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
 Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T C061 v.6.10 Netfires - from Army TABS - 20 Apr 05\Net Fires Cent:
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
BLISS	0	0	0
SILL	188,600,267	0	188,600,267
Totals:	188,600,267	0	188,600,267

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

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005 SFF

MilCon for Base: SILL, CK (40801)

All values in 2005 Constant Dollars (\$K)

FAC Title	UM	New MilCon	New Cost*	Using Rehab	Rehab Type	Rehab Cost*	Total Cost*	
1711 General Purpose Instruction Building	SF	139,000	24,157	0	Default	0	24,157	
1712 Applied Instruction Building	SF	131,000	25,729	0	Default	0	25,729	
1717 Organizational Classroom	SF	18,000	2,600	0	Default	0	2,600	
6101 Small Unit Headquarters Building	SF	118,000	20,107	0	Default	0	20,107	
7213 Student Barracks	SF	285,000	47,918	0	Default	0	47,918	
7220 Dining Facility	SF	11,000	3,006	0	Default	0	3,006	
7346 Exchange Sales Facility	SF	23,000	2,827	0	Default	0	2,827	
7110 Family Housing Dwelling	SF	615,000	49,396	0	Default	0	49,396	
1724 General Purpose Simulator Facility	SF	42,900	6,819	0	Default	0	6,819	
2141 Vehicle Maintenance Shop	SF	35,000	5,687	0	Default	0	5,687	
6102 Large Unit Headquarters Building	SF	2,000	352	0	Default	0	352	
Total Construction Cost:							188,600	
- Construction Cost Avoid:							0	
Total Net Milcon Cost:							188,600	

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

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
2006	42,469,505	41,887,134	41,887,134
2007	185,280,708	177,762,655	219,649,790
2008	-6,925,450	6,463,462	213,186,327
2009	-42,620,964	-38,694,333	174,491,994
2010	-42,620,964	-37,640,402	136,851,593
2011	-42,620,964	-36,615,177	100,236,416
2012	-42,620,964	-35,617,876	64,618,540
2013	-42,620,964	-34,647,739	29,970,801
2014	-42,620,964	-33,704,027	-3,733,226
2015	-42,620,964	-32,786,018	-36,519,244
2016	-42,620,964	-31,893,014	-68,412,258
2017	-42,620,964	-31,024,332	-99,436,590
2018	-42,620,964	-30,179,312	-129,615,902
2019	-42,620,964	-29,357,307	-158,973,209
2020	-42,620,964	-28,557,692	-187,530,901
2021	-42,620,964	-27,779,856	-215,310,757
2022	-42,620,964	-27,023,206	-242,333,963
2023	-42,620,964	-26,287,165	-268,621,128
2024	42,620,964	25,571,172	294,192,301
2025	-42,620,964	-24,874,681	319,066,982

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	188,600,267	
Total Construction		188,600,267
Personnel		
Civilian RIF	1,549,753	
Civilian Early Retirement	323,703	
Eliminated Military PCS	2,513,179	
Unemployment	120,177	
Total Personnel		4,506,812
Overhead		
Program Management Cost	6,073,840	
Support Contract Termination	0	
Mothball / Shutdown	57,600	
Total - Overhead		6,131,440
Moving		
Civilian Moving	4,534,224	
Civilian PPP	816,408	
Military Moving	4,310,306	
Freight	1,783,848	
Information Technologies	961,000	
One Time Moving Costs	0	
Total - Moving		12,405,785
Other		
HAP / RSE	2,827,299	
Environmental Mitigation Costs	420,000	
Mission Contract Startup and Termination	0	
One Time Unique Costs	32,104,000	
Total - Other		35,351,299
Total One-Time Costs		246,995,603
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	2,986,056	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One Time Unique Savings	0	
Total One-Time Savings		2,986,056
Total Net One-Time Costs		244,009,547

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Base: BLISS, TX (48083)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	1,549,753	
Civilian Early Retirement	323,703	
Eliminated Military PCS	1,268,863	
Unemployment	120,177	
Total - Personnel		3,262,496
Overhead		
Program Management Cost	5,640,811	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		5,640,811
Moving		
Civilian Moving	4,534,224	
Civilian PPP	816,408	
Military Moving	4,310,306	
Freight	1,783,848	
Information Technologies	595,000	
One-Time Moving Costs	0	
Total - Moving		12,039,785
Other		
HAP / RSE	2,678,538	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		2,678,538
Total One Time Costs		23,621,630
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	2,986,056	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One Time Savings		2,986,056
Total Net One Time Costs		20,635,574

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: SILL, OK (40801)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	188,600,267	
Total - Construction		188,600,267
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	1,244,316	
Unemployment	0	
Total - Personnel		1,244,316
Overhead		
Program Management Cost	433,029	
Support Contract Termination	0	
Mothball / Shutdown	57,600	
Total - Overhead		490,629
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	366,000	
One-Time Moving Costs	0	
Total - Moving		366,000
Other		
HAP / RSE	148,760	
Environmental Mitigation Costs	420,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	32,104,000	
Total - Other		32,672,760
Total One-Time Costs		223,373,973
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		223,373,973

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6 10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2,799	17,735	10,128	5,299

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

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	-5	-1	-1	-7
Enlisted	0	0	0	-137	0	0	137
Students	-462	156	0	0	0	0	-306
Civilians	0	0	0	0	0	0	0
TOTAL	462	156	0	-142	-1	1	450

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

Officers	Enlisted	Students	Civilians
2,792	17,598	9,822	5,299

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	3	273	0	0	0	276
Enlisted	0	11	1,134	0	0	0	1,145
Students	0	271	1,083	0	0	0	1,354
Civilians	0	2	221	0	0	0	223
TOTAL	0	287	2,711	0	0	0	2,998

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-15	-60	0	0	0	-75
Enlisted	0	87	-345	0	0	0	-432
Civilians	0	-11	-45	0	0	0	-56
TOTAL	0	-113	-450	0	0	0	-563

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
2,717	17,166	9,822	5,243

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\NET 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

PERSONNEL SUMMARY FOR: BLISS, TX (48083)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,551	8,245	2,153	2,970

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: BLISS, TX (48083)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	4	-15	0	0	0	0	19
Civilians	0	0	0	0	0	0	0
TOTAL	-4	-15	0	0	0	0	-19

BASE POPULATION (Prior to BRAC Action) FOR: BLISS, TX (48083)

Officers	Enlisted	Students	Civilians
1,551	8,245	2,134	2,970

PERSONNEL REALIGNMENTS:

To Base: SILL, OK (40801)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	3	273	0	0	0	276
Enlisted	0	11	1,134	0	0	0	1,145
Students	0	271	1,083	0	0	0	1,354
Civilians	0	2	221	0	0	0	223
TOTAL	0	287	2,711	0	0	0	2,998

TOTAL PERSONNEL REALIGNMENTS (Out of BLISS, TX (48083)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	3	273	0	0	0	276
Enlisted	0	11	1,134	0	0	0	1,145
Students	0	271	1,083	0	0	0	1,354
Civilians	0	2	221	0	0	0	223
TOTAL	0	287	2,711	0	0	0	2,998

SCENARIO POSITION CHANGES FOR: BLISS, TX (48083)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-7	-29	0	0	0	36
Enlisted	0	-45	-178	0	0	0	-223
Civilians	0	-22	-90	0	0	0	-112
TOTAL	0	-74	-297	0	0	0	371

BASE POPULATION (After BRAC Action) FOR: BLISS, TX (48083)

Officers	Enlisted	Students	Civilians
1,239	6,877	780	2,635

PERSONNEL SUMMARY FOR: SILL, OK (40801)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,248	9,490	7,975	2,329

PROGRAMMED INSTALLATION (NON BRAC) CHANGES FOR: SILL, OK (40801)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	-5	1	1	-7
Enlisted	0	0	0	-137	0	0	-137
Students	458	171	0	0	0	0	-287
Civilians	0	0	0	0	0	0	0

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

BASE POPULATION (Prior to BRAC Action) FOR: SILL, OK (40801)

Officers	Enlisted	Students	Civilians
1,241	9,353	7,688	2,329

PERSONNEL REALIGNMENTS:
 From Base: BLISS, TX (48083)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	3	273	0	0	0	276
Enlisted	0	11	1,134	0	0	0	1,145
Students	0	271	1,083	0	0	0	1,354
Civilians	0	2	221	0	0	0	223
TOTAL	0	287	2,711	0	0	0	2,998

TOTAL PERSONNEL REALIGNMENTS (Into SILL, OK (40801)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	3	273	0	0	0	276
Enlisted	0	11	1,134	0	0	0	1,145
Students	0	271	1,083	0	0	0	1,354
Civilians	0	2	221	0	0	0	223
TOTAL	0	287	2,711	0	0	0	2,998

SCENARIO POSITION CHANGES FOR: SILL, OK (40801)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-8	-31	0	0	0	-39
Enlisted	0	42	167	0	0	0	209
Civilians	0	11	45	0	0	0	56
TOTAL	0	-39	-153	0	0	0	-192

BASE POPULATION (After BRAC Action) FOR: SILL, OK (40801)

Officers	Enlisted	Students	Civilians
1,478	10,289	9,042	2,608

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
 Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: BLISS, TX (48083)

Year	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
	Total	Percent	TimePhase	Total	Percent	TimePhase
2006	0	0.00%	66.67%	0	0.00%	0.00%
2007	0	0.00%	33.33%	361	10.72%	10.72%
2008	0	0.00%	0.00%	3,008	89.28%	89.28%
2009	0	0.00%	0.00%	0	0.00%	0.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	3369	100.00%	100.00%

Base: SILL, OK (40801)

Year	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
	Total	Percent	TimePhase	Total	Percent	TimePhase
2006	0	0.00%	9.76%	0	0.00%	0.00%
2007	298	9.76%	90.24%	50	20.16%	20.16%
2008	2,756	90.24%	0.00%	198	79.84%	79.84%
2009	0	0.00%	0.00%	0	0.00%	0.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	3054	100.00%	100.00%	248	100.00%	100.00%

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	2	221	0	0	0	223
Early Retirement*	8.10%	0	0	18	0	0	0	18
Regular Retirement*	1.67%	0	0	4	0	0	0	4
Civilian Turnover*	9.16%	0	0	20	0	0	0	20
Civs Not Moving (RIFs)*	6.00%	0	0	13	0	0	0	13
Civilians Moving (the remainder)		0	2	166	0	0	0	168
Civilian Positions Available		0	0	55	0	0	0	55
CIVILIAN POSITIONS ELIMINATED		0	22	90	0	0	0	112
Early Retirement	8.10%	0	2	7	0	0	0	9
Regular Retirement	1.67%	0	0	2	0	0	0	2
Civilian Turnover	9.16%	0	2	8	0	0	0	10
Civs Not Moving (RIFs)*	6.00%	0	1	5	0	0	0	6
Priority Placement#	39.97%	0	9	36	0	0	0	45
Civilians Available to Move		0	8	32	0	0	0	40
Civilians Moving		0	0	32	0	0	0	32
Civilian RIFs (the remainder)		0	8	0	0	0	0	8
CIVILIAN POSITIONS REALIGNING IN		0	2	221	0	0	0	223
Civilians Moving		0	2	198	0	0	0	200
New Civilians Hired		0	0	23	0	0	0	23
Other Civilian Additions		0	11	45	0	0	0	56
TOTAL CIVILIAN EARLY RETIREMENTS		0	2	25	0	0	0	27
TOTAL CIVILIAN RIFS		0	9	18	0	0	0	27
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	9	36	0	0	0	45
TOTAL CIVILIAN NEW HIRES		0	11	68	0	0	0	79

* 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 : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: BLISS, TX (48083)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	8.10%	0	2	221	0	0	0	223
Regular Retirement*	1.67%	0	0	4	0	0	0	4
Civilian Turnover*	9.16%	0	0	20	0	0	0	20
Civs Not Moving (RIFs)*	6.00%	0	0	13	0	0	0	13
Civilians Moving (the remainder)		0	2	166	0	0	0	168
Civilian Positions Available		0	0	55	0	0	0	55
CIVILIAN POSITIONS ELIMINATED								
Early Retirement	8.10%	0	2	90	0	0	0	112
Regular Retirement	1.67%	0	0	2	0	0	0	2
Civilian Turnover	9.16%	0	2	8	0	0	0	10
Civs Not Moving (RIFs)*	6.00%	0	1	5	0	0	0	6
Priority Placement#	39.97%	0	9	36	0	0	0	45
Civilians Available to Move		0	8	32	0	0	0	40
Civilians Moving		0	0	32	0	0	0	32
Civilian RIFs (the remainder)		0	8	0	0	0	0	8
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS								
		0	2	25	0	0	0	27
TOTAL CIVILIAN RIFS								
		0	9	18	0	0	0	27
TOTAL CIVILIAN PRIORITY PLACEMENTS#								
		0	9	36	0	0	0	45
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 : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: SILL, OK (40801)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT								
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								
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								
Civilians Moving		0	2	198	0	0	0	200
New Civilians Hired		0	0	23	0	0	0	23
Other Civilian Additions		0	11	45	0	0	0	56
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	11	68	0	0	0	79

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

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

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
 Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Personnel					
Base	Start*	Finish*	Change	%Change	
BLISS	14,900	11,531	-3,369	-23%	
SILL	20,611	23,417	2,806	14%	
TOTAL	35,511	34,948	-563	-2%	

Square Footage					
Base	Start	Finish	Change	%Change	Chg/Per
BLISS	22,140,000	22,140,000	0	0%	0
SILL	21,722,000	23,013,900	1,291,900	6%	460
TOTAL	43,862,000	45,153,900	1,291,900	3%	-2,295

Base Operations Support (2005\$)					
Base	Start*	Finish*	Change	%Change	Chg/Per
BLISS	34,629,853	30,006,043	-4,623,810	-13%	1,372
SILL	82,448,922	89,925,627	7,476,705	9%	2,664
TOTAL	117,078,776	119,931,670	2,852,895	2%	5,067

Sustainment (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
BLISS	49,894,040	49,894,040	0	0%	0
SILL	40,794,640	43,721,410	2,926,770	7%	1,043
TOTAL	90,688,680	93,615,450	2,926,770	3%	-5,198

Recapitalization (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
BLISS	39,315,423	39,315,423	0	0%	0
SILL	27,495,930	29,013,787	1,517,857	6%	541
TOTAL	66,811,352	68,329,210	1,517,857	2%	2,696

Sustain + Recap + BOS (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
BLISS	123,839,316	119,215,506	-4,623,810	-4%	1,372
SILL	150,739,492	162,660,825	11,921,333	8%	4,248
TOTAL	274,578,808	281,876,331	7,297,523	3%	-12,962

Plant Replacement Value (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
BLISS	4,049,488,530	4,049,488,530	0	0%	0
SILL	2,832,080,760	2,988,420,086	156,339,326	6%	55,716
TOTAL	6,881,569,290	7,037,908,616	156,339,326	2%	277,690

Department : Army
Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires from Army TABS - 20 Apr 05\Net Fires Cen:
Option Pkg Name: Net Fires Center (Sill)
Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

- "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.

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
 Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	309	3,119	2,927	2,927	2,927	2,927	15,135	2,927
Recap Change	164	1,647	1,518	1,518	1,518	1,518	7,882	1,518
BOS Change	0	165	2,853	2,853	2,853	2,853	11,577	2,853
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	473	4,931	7,297	7,297	7,297	7,297	34,594	7,297

BLISS, TX (48083)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	-495	-4,624	-4,624	-4,624	-4,624	-18,991	-4,624
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-495	-4,624	-4,624	-4,624	-4,624	-18,991	-4,624

SILL, OK (40801)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	309	3,119	2,927	2,927	2,927	2,927	15,135	2,927
Recap Change	164	1,647	1,518	1,518	1,518	1,518	7,882	1,518
BOS Change	0	661	7,477	7,477	7,477	7,477	30,568	7,477
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	473	5,427	11,921	11,921	11,921	11,921	53,585	11,921

COBRA INPUT DATA REPORT (COBRA v6.10)

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\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:
-----	-----
BLISS, TX (48083)	Realignment
SILL, OK (40801)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

(Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----
BLISS, TX (48083)	SILL, OK (40801)	597 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BLISS, TX (48083) to SILL, OK (40801)

	2006	2007	2008	2009	2010	2011
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	0	3	273	0	0	0
Enlisted Positions:	0	11	1,134	0	0	0
Civilian Positions:	0	2	221	0	0	0
Student Positions:	0	271	1,083	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	93	374	0	0	0
Mil Light Vehic (tons):	0	6	51	0	0	0
Heavy/Spec Vehic (tons):	0	18	164	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BLISS, TX (48083)

Total Officer Employees:	1,551	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	8,245	Total Sustainment(\$K/Year):	49,894
Total Student Employees:	2,153	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	2,970	BOS Non-Payroll (\$K/Year):	34,656
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	73,363
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	4,049,488
Starting Facilities(KSF):	22,140	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,031	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	807		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.92		Admits Visits Prescrip
Per Diem Rate (\$/Day):	113	CostFactor10,135.00	184.00 48.58
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	2,953 150,310 241,059
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	522 20,461
Latitude:	31.800000	Retiree	1,874 86,329 196,382
Longitude:	-106.416670	Retiree65+	1,708 48,138 198,248

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SILL, OK (40801)

Total Officer Employees:	1,248	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	9,490	Total Sustainment(\$K/Year):	40,795
Total Student Employees:	7,975	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	2,329	BOS Non-Payroll (\$K/Year):	83,597
Accomp Mil not Receiving BAH:	18.0%	BOS Payroll (\$K/Year):	75,283
Officer Housing Units Avail:	4	Family Housing (\$K/Year):	3,397
Enlisted Housing Units Avail:	18	Installation PRV(\$K):	2,832,081
Starting Facilities(KSF):	21,722	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	801	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	650		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.92		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	4,979.00 129.00 52.09
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	2,432 329,976 223,483
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	438 19,486
Latitude:	34.650000	Retiree	416 43,223 117,440
Longitude:	-98.400000	Retiree65+	406 23,527 120,908

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: BLISS, TX (48083)

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

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 3

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

INPUT SCREEN FIVE DYNAMIC BASE INFORMATION

Name: SILL, OK (40801)

	2006	2007	2008	2009	2010	2011
1 Time Unique Cost (\$K):	6,421	25,683	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 Req'd(\$K):	420	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	73	293	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):			128	FH ShDn:	0.000%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: BLISS, TX (48083)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	7	-29	0	0	0
Enl Scenario Change:	0	-45	-178	0	0	0
Civ Scenario Change:	0	22	90	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:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	-4	15	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

Name: SILL, OK (40801)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	-8	-31	0	0	0
Enl Scenario Change:	0	-42	-167	0	0	0
Civ Scenario Change:	0	11	45	0	0	0
Off Prog nonBRAC Change:	0	0	0	-5	-1	-1
Enl Prog nonBRAC Change:	0	0	0	-137	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	-458	171	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: SILL, OK (40801)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
1711	SF	139,000	0 Default	0	154.99	3.65
1712	SF	131,000	0 Default	0	175.25	2.71
1717	SF	18,000	0 Default	0	128.72	4.49
6101	SF	118,000	0 Default	0	151.95	3.83
7213	SF	285,000	0 Default	0	149.92	3.86
7220	SF	11,000	0 Default	0	244.13	5.41
7346	SF	23,000	0 Default	0	109.40	3.15
7110	SF	615,000	0 Default	0	71.24	1.74
1724	SF	42,900	0 Default	0	141.69	3.40
2141	SF	35,000	0 Default	0	144.86	3.01
6102	SF	2,000	0 Default	0	157.22	4.24

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

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

STANDARD FACTORS SCREEN TWO - FACILITIES

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

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent
Option Pkg Name: Net Fires Center (Sill)
Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

=====

1. CR E&T 0061-- Realign Ft. Bliss and create a Net Fires Center at Sill by consolidating the FA Center and School (Sill) with the ADA Center and School (Bliss).
2. This proposal includes BPR personnel reductions resulting from consolidations and BASOPS adjustments in the population realignments at the installations above.

Operational Logic:

Consolidates Net Fires training and doctrine development at a single location. The move advances the MANSCEN model, currently in place at Ft. Leonard Wood, promoting training effectiveness and functional efficiencies. Supports TF Stabilization. Creates room at Bliss for other activities.

FOOTNOTES FOR SCREEN THREE

=====

Data Call:

1. What military light vehicles, support equipment, and military and heavy vehicles must be retained and transferred to a gaining installation?

Response: The USAADA School has 57 light and 182 heavy vehicles.

FOOTNOTES FOR SCREEN FIVE

=====

1. The one - time unique costs associated with this move are the result of increased construction for core and community utility/support facilities at Ft. Sill (\$24,543,053 spread opver a two year period).
 - a. Due to the cumulative impact the one - time unique costs associated with this move increased to \$32,104,095 spread over a two year period.
2. The one time IT cost reflects an increase of personnel at Ft Sill of 2,814 increasing the total personnel from 21,253 to 24,067.
 - a. Due to the cumulative impact the one - time IT cost associated with this move increased to \$366,690
3. Environmental non-military construction consists of:
NEPA (EA) - \$400K
Noise Analysis - \$20K
 - a. Due to the cumulative impact the cost for environmental non-military construction decreased tp \$277,662

FOOTNOTES FOR SCREEN SIX

=====

1. The personnel inputs on this screen are taken from the Stationable packages, which are based on ASIP, and include BPR personnel reductions resulting from consolidations and BASOPS adjustments in the population realignments at the installation(s) presented in this proposal.
2. The military reductions shown do not include the Army initiative to convert military positions to civilian in the TDA Army. Approximately 36 of the 467 military positions reduced in this scenario have been converted to civilian positions.
3. Due to the cumulative impact the the number of US Civilians was added to Ft Sill was reduced by 8.

FOOTNOTES FOR SCREEN SEVEN

=====

Based on the unit specific data call 42,900 SF of FAC Code 1724 General Purpose Simulator Facility is required the specific requirements are:

- a. Patriot COnduct of Fire Trainer Facility-10,300 sqft
- b. Unit Conduct of Fire Trainer Facility 1,600 sqft
- c. 88M Simulators Facility 13000 sqft
- d. Avenger Institutional Conduct of Fire Trainer Facility 1,500 sqft

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army

Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS - 20 Apr 05\Net Fires Cent

Option Pkg Name: Net Fires Center (Sill)

Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

e. Improved Moving Target Simulator Facility 2,500 sqft

f. Patriot Org. Maintenance Trainer Facility 14,000 sqft

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 04/20/2005 11:22:41 AM, Report Created 4/21/2005 11:24:17 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0061 v.6.10 - Netfires - from Army TABS 20 Apr 05\Net Fires Cent
 Option Pkg Name: Net Fires Center (Sill)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

BLISS, TX (48083)	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	66	1,614	0	0	0	1,680
NET CHANGE-Mil	0	66	-1,614	0	0	0	-1,680
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	24	311	0	0	0	335
NET CHANGE-Civ	0	-24	-311	0	0	0	-335
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	271	1,083	0	0	0	1,354
NET CHANGE-Stu	0	271	-1,083	0	0	0	-1,354

SILL, OK (40801)	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	14	1,407	0	0	0	1,421
Jobs Lost-Mil	0	50	198	0	0	0	248
NET CHANGE-Mil	0	-36	1,209	0	0	0	1,173
Jobs Gained-Civ	0	13	266	0	0	0	279
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	13	266	0	0	0	279
Jobs Gained-Stu	0	271	1,083	0	0	0	1,354
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	271	1,083	0	0	0	1,354

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

E T-0061: Net Fires

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

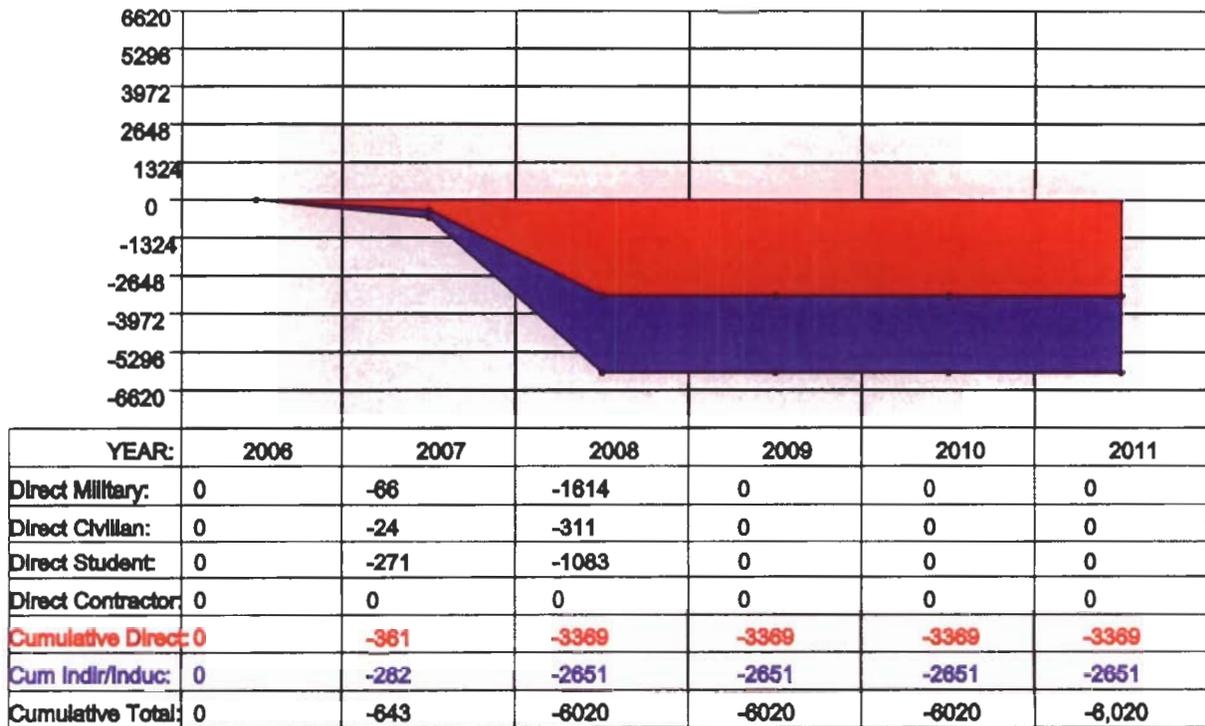
ECONOMIC IMPACT DATA

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

Overall Economic Impact of Proposed BRAC-05 Action:

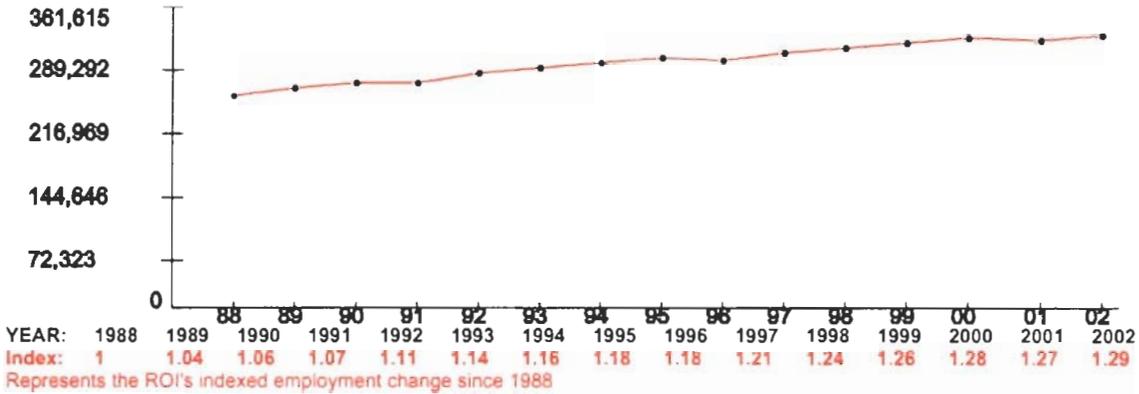
ROI Population (2002):	695,123
ROI Employment (2002):	328,741
Authorized Manpower (2005):	14,919
Authorized Manpower(2005) / ROI Employment(2002):	4.54%
Total Estimated Job Change:	-6,020
Total Estimated Job Change / ROI Employment(2002):	-1.83%

Cumulative Job Change (Gain/Loss) Over Time:

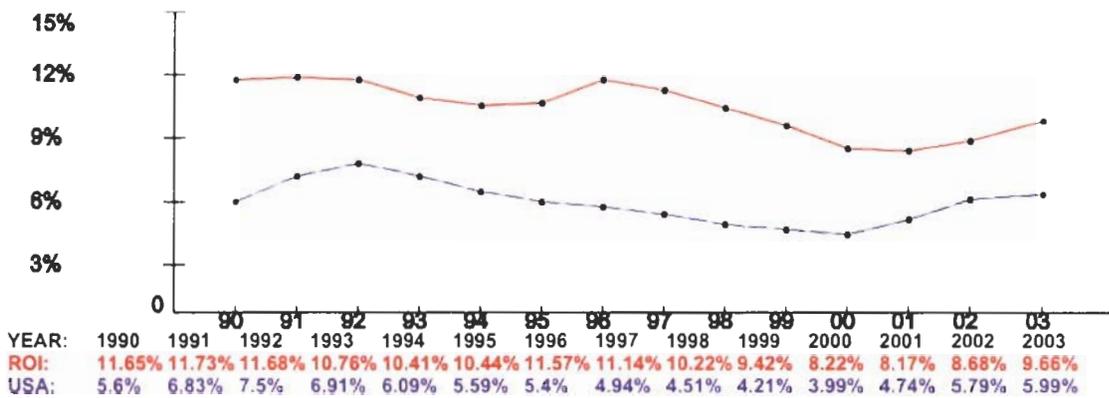


El Paso, TX Metropolitan Statistical Area Trend Data

Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



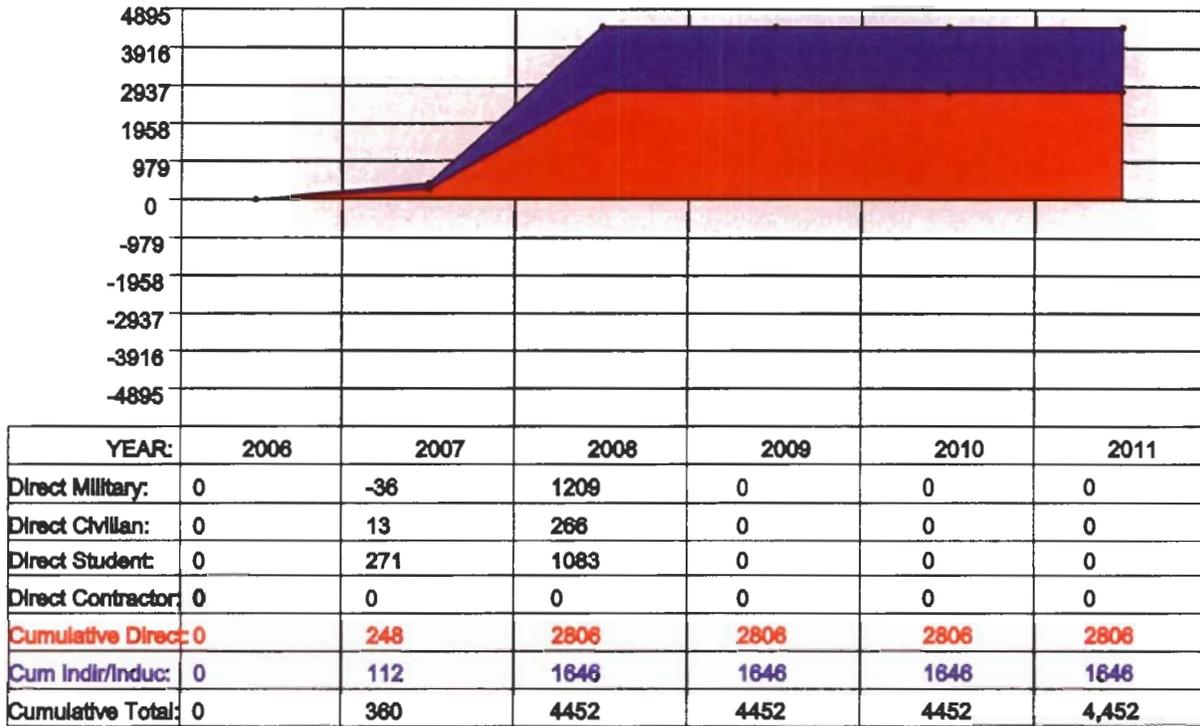
ECONOMIC IMPACT DATA

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

Overall Economic Impact of Proposed BRAC-05 Action:

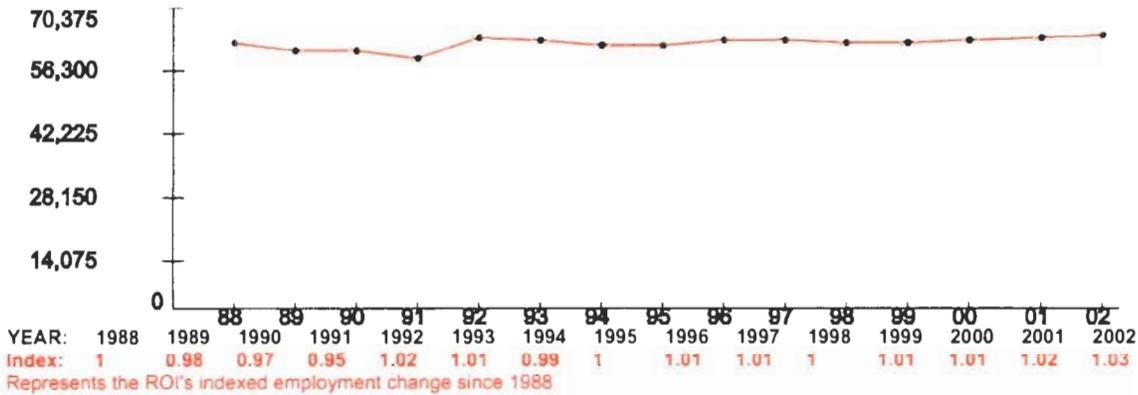
ROI Population (2002): 113,195
 ROI Employment (2002): 63,978
 Authorized Manpower (2005): 21,042
 Authorized Manpower(2005) / ROI Employment(2002): 32.89%
 Total Estimated Job Change: 4,452
 Total Estimated Job Change / ROI Employment(2002): 6.96%

Cumulative Job Change (Gain/Loss) Over Time:

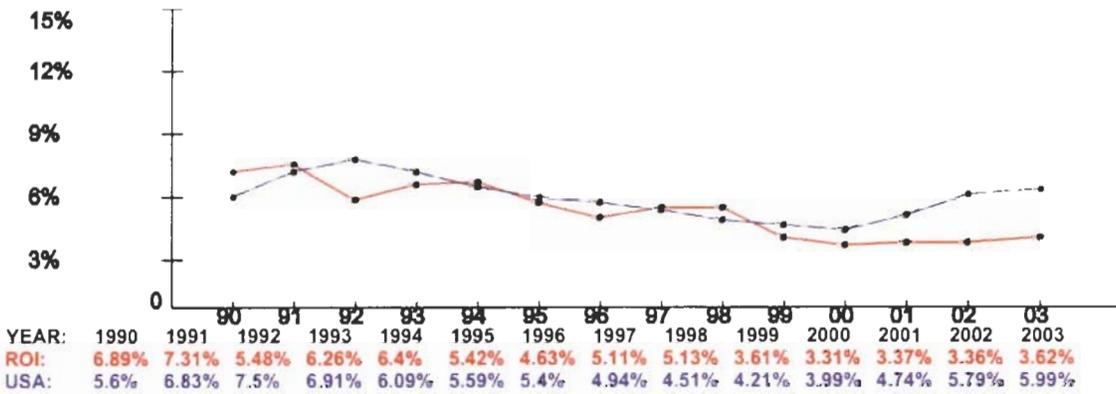


Lawton, OK Metropolitan Statistical Area Trend Data

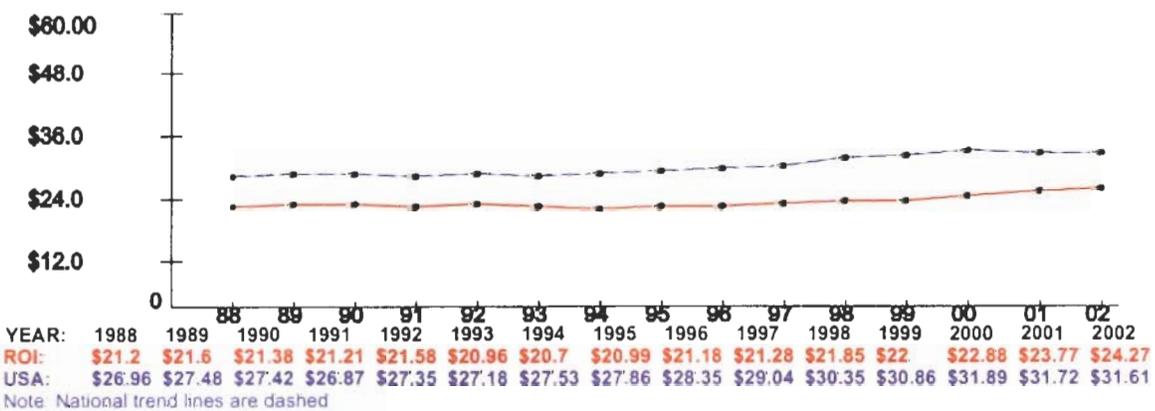
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



CRITERIA SEVEN EVALUATION TOOL

			Risk Evaluation
Losing Installation		Gaining Installation	MEDIUM
Attribute	FORT BLISS	FORT SILL	Attribute Change
Child Care			SUSTAIN
Housing			DECLINE
Cost of Living			IMPROVE
Education			SUSTAIN
Employment			IMPROVE
Medical Health			DECLINE
Safety			DECLINE
Population Center			DECLINE
Transportation			SUSTAIN
Utilities			DECLINE

FORT BLISS, TX

Demographics

The following tables provide a short description of the area near the installation/activity. FORT BLISS is within El Paso, TX, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
El Paso MSA	679,622

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

County/City	Population
El Paso	679622
Total	679,622

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 30

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)	\$31,051	Basis: MSA
Median House Value	(US Avg \$119,600)	\$69,600	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,031	
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.

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	182,598	9 of 9 districts
Students Enrolled	160,959	9 of 9 districts
Average Pupil/Teacher Ratio	15.2:1	9 of 9 districts
High School Students Enrolled	45,297	9 of 9 districts
Average High School Graduation Rate (US Avg 67.3%)	78.5%	9 of 9 districts
Average Composite SAT I Score (US Avg 1026)	873	9 of 9 districts
Average ACT Score (US Avg 20.8)	19	9 of 9 districts
Available Graduate/PhD Programs	2	
Available Colleges and/or Universities	4	
Available Vocational and/or Technical Schools	3	

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%	8.2%	8.2%	8.7%	9.7%
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	.1%	.8%	-.5%	1.0%	1.6%
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	14,425	Basis: MSA
Vacant Sale Units	2,322	
Vacant Rental Units	7,115	

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	1,114	1,596	679,622	Basis: MSA
Ratio	1:610	1:426		
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	4,228.0	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 FORT BLISS to nearest commercial airport: 4.3 miles
Is FORT BLISS served by regularly scheduled public transportation? Yes

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

FORT SILL, OK

Demographics

The following tables provide a short description of the area near the installation/activity. FORT SILL is 65.2 miles from Wichita Falls, TX, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Lawton MSA	114,996

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

County/City	Population
Caddo	30150
Commanche	114996
Kiowa	10227
Stephens	43182
Total	198,555

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 9

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)	\$33,867	Basis: MSA
Median House Value	(US Avg \$119,600)	\$71,600	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 801	
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.

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	22,400	5 of 5 districts
Students Enrolled	19,364	5 of 5 districts
Average Pupil/Teacher Ratio	16.0:1	5 of 5 districts
High School Students Enrolled	6,978	3 of 3 districts
Average High School Graduation Rate (US Avg 67.3%)	80.8%	3 of 3 districts
Average Composite SAT I Score (US Avg 1026)		3 of 3 districts
Average ACT Score (US Avg 20.8)	19	3 of 3 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	3.6%	3.3%	3.4%	3.4%	3.6%
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	3.9%	-1.3%	-2.2%	4.9%	1.1%

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	5,608	Basis: MSA
Vacant Sale Units	1,194	
Vacant Rental Units	2,432	

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	204	440	114,996	Basis: MSA
Ratio	1:564	1:261		
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	5,103.0	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 FORT SILL to nearest commercial airport: 5.0 miles

Is FORT SILL served by regularly scheduled public transportation? Yes

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?

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

M. LOCAL AREA INFRASTRUCTURE MODEL, CRITERION #7 (LAI)

M.1 INTRODUCTION

The Local Area Infrastructure (LAI) model fulfills Criterion 7 requirements, specifically it examines “the ability of existing and potential receiving communities’ infrastructure to support forces, missions, and personnel.” LAI analysis supports the scenario development process by helping to define possible risks the Army would take if it assigned a unit to an installation with a given level of infrastructure ability.

LAI analysis is part of the TABS analytical framework, as depicted in Figure M-1.

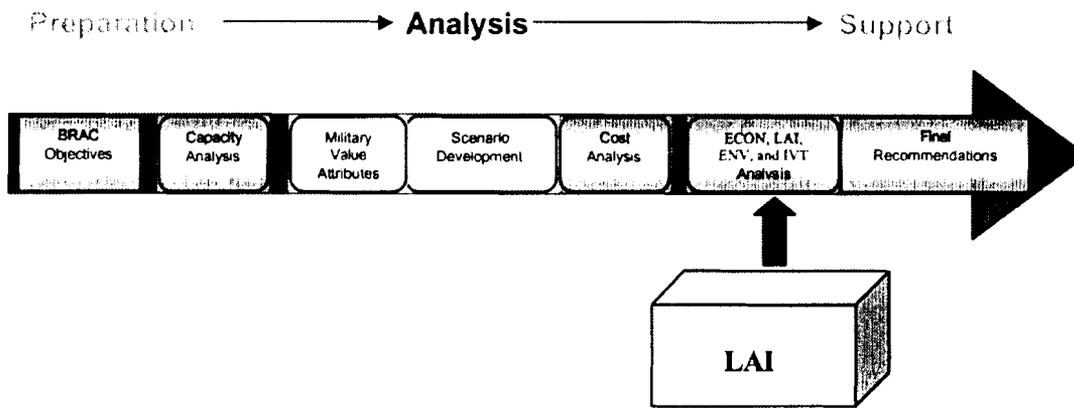


Figure M-1. TABS Process

M.2 HISTORY

The BRAC statute requires that the foundation for BRAC recommendations be “the force structure plan and infrastructure inventory prepared by the Secretary under section 2912 and the final selection criteria prepared by the Secretary under section 2913.” As such, the JCSGs and MILDEPs need to ensure that all eight selection criteria are considered in developing recommendations that will be forwarded to the Secretary of Defense.

Exercising authority provided by the BRAC 2005 Infrastructure Steering Group (ISG), the OSD BRAC Director and the MILDEP Deputy Assistant Secretaries responsible for the BRAC process (known as the “BRAC DASs”) established a Joint Process Action Team (JPAT) for Criterion 7. The Air Force was designated as the lead MILDEP for the effort.

The JPAT was tasked to develop and execute an approach to define Criterion 7 and identify attributes, metrics, and questions that would appropriately assess a community’s ability to support missions, forces, and personnel. The JPAT was also tasked to produce a report on the data gathered in support of the analysis, for use by the Military

Departments (MILDEPs) and Joint Cross Service Groups (JCSGs). The JPAT did not, however, establish a method to analyze or combine the LAI data. The Army Basing Study (TABS) Group developed a LAI model to assist in analyzing LAI data.

M.3 THE MODEL

The TABS LAI model allows the analyst to compare the value of selected attributes at the gaining and losing installations, determine whether the move improves or worsens the attribute level, and make an overall risk assessment of the gaining community's ability relative to the losing community's ability to absorb additional units. The model groups the JPAT data into ten different attributes and then compares the gaining and losing installations using these attributes in order to determine a comparative local area infrastructure, which TABS then uses in a comparative assessment.

TABS consolidated Criterion 7 metrics into the following 10 soldier-issues-based attributes:

- **Child Care:** The total number of accredited facilities within the designated counties around the installation.
- **Cost of Living:** The basic allowance for housing (BAH). The JPAT collected data for median household income, median value of owner-occupied housing, BAH, and GS locality pay rate. Since there was a strong correlation between BAH and median household income, TABS used the BAH in the final assessment.
- **Education:** Determined by examining the state policy on in-state tuition for military dependents, the average SAT score for the school districts in the surrounding counties, the student-teacher ratio, and the number of post-secondary-education institutions within the area. Some school districts reported ACT scores instead of SAT scores. When this happened, the scores were converted to SAT scores using a formula developed by the California Department of Education.
- **Employment:** The region's unemployment rate.
- **Housing:** Determined based on the vacancies available and the median home price.
- **Medical Health:** The number of hospital beds available. The JPAT also collected data on the number of doctors available but since there was a strong and consistent correlation between the number of hospital beds and the number of doctors, only the hospital bed factor needed to be considered within the final assessment.
- **Population Center:** Determined by finding the distance to the nearest city with a population that exceeds 100,000 persons.

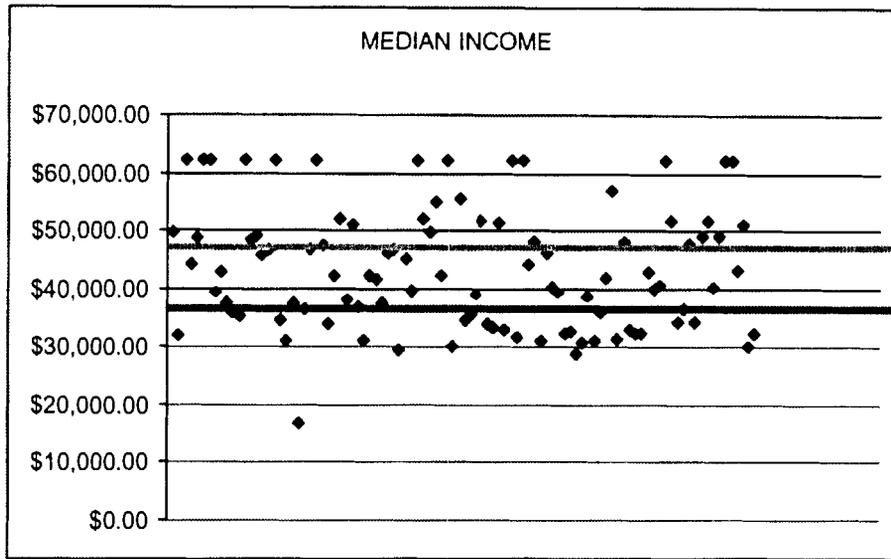
- **Safety:** The community Uniform Crime Reports (UCR) Index per 100,000 persons. If community cannot be determined, then the state average is considered.
- **Transportation:** The distance to the closest airport that provides regularly scheduled commercial airline service and checking to see whether the public transportation system provides transportation to or near the installation
- **Utilities:** The local community's ability to provide water and sewage disposal for 1,000 additional people.

The assessment determines if the local area infrastructure at a unit's proposed location has the same, better, or worse ability to support Army units when compared to another location. The assessment is based on a scale that allows TABS to compare installations; TABS assumes that more of a metric is better and all metrics are valued equally. Thus, if the new installation has higher (better) values in all metrics, then the Army has little risk in relocating the unit as far as the local area's ability to support it.

RC scenarios were not subject to the LAI model. These scenarios consisted of relocating units, but usually within commuting distance. Since few relocated their residences, there will not be a change in the status of their local area infrastructure, rendering Criterion 7 insignificant. The RC approach to Criterion 7 is described in the RC appendix of the TAF.

M.3.1 Data Analysis

For each metric, TABS conducted data analysis to determine the variability and grouping of the installation data. TABS used scatter plots to look for natural breaks in the data and, when these breaks were discovered, grouped data according to these breaks (see figure below). If there were no obvious natural breaks but significant variation in the data existed, then the data was broken into thirds. The top group (all points above the green line), or most desirable, was given a value of 1, while the bottom group (all points below the red line), the least desirable, was given a value of 3. The value of 2 was given to the values in the middle group (points between the green and red line).



If the metric was based on a binary answer (yes or no), then a “yes” was assigned 1 while “no” was assigned 3. If there was more than one metric assigned to an attribute, then the attribute value was determined by averaging the metric values and rounding the result off to the nearest integer. The Criterion 7 Evaluation Model then used these factors to compare the gaining installation’s capability with the losing installation.

M.4 ANALYSIS

To use the Criterion 7 Evaluation Model, the analyst chooses for analysis the potential losing installation and the potential gaining installation from a drop-down menu. After the installations are chosen, the model displays either a red (lower group), amber (middle group), or a green (upper group) rectangle under the installation column for each attribute. For instance, the below graphic shows that Fort B is amber, or is in the middle group of all installations, for the Child Care attribute. It also shows that Fort A is red, i.e., in the lower group of all installations, for the same attribute. Further to the right under Attribute Change, the tool indicates that there is a “Decline” in child care capability if an activity is moved from Fort B to Fort A. Attribute Change also indicates an “Improve” in Cost of Living and a “Sustain” in Education. There is also an overall “Risk Evaluation” box that determines the overall community impact for the relocation to Fort A. In this case there is a “High” because there are six “Decline”s in the “Attribute Change” column.

CRITERIA 7 EVALUATION TOOL

Attribute	Risk Evaluation		Risk Evaluation
	Losing Installation	Gaining Installation	
	FORT B	FORT A	HIGH
Child Care	2		DECLINE
Housing	2	2	SUSTAIN
Cost of Living		2	IMPROVE
Education	2	2	SUSTAIN
Employment	2		DECLINE
Medical Health			DECLINE
Safety	2		DECLINE
Population Center			DECLINE
Transportation	2		DECLINE
Utilities	2		DECLINE

If an analyst is considering such a move, then, in the Criterion 7 portion of the Proposal Information Management System (PIMS), he or she would check the box of each criterion that indicates a “Decline.” In this case the analyst would check the Child Care, Employment, Medical Health, Safety, Population Center, and Transportation boxes. Also, on the PIMS “Risk to Move” drop-down menu, the analyst would choose “High” based on the risk evaluation. If there are multiple stationing actions in the scenario, then the analyst must compose each origin and destination pair. If there is a decline in any of the installation pairs, then that box should be checked in PIMS. Also, the risk evaluation should indicate the highest level of all of the pairs. For instance, if one installation pair has a “High” and all of the others have a “Low,” the analyst should still choose an overall “High” risk evaluation.

M.5 REVIEW

A quality control (QC) review will be performed on each scenario. An assigned analyst will verify Criterion 7 model results for each scenario to ensure accurate results. Analysts can comment on the outcome of the analysis. None of the Criterion 7 attributes are “show-stoppers” in the sense that a scenario should not go forward, but QC must ensure that metrics with comparatively lower rankings are properly recorded, so that they are fully considered within the scenario assessment process.

The analysis is comparative in nature, and a “High” risk does not automatically nullify a proposal. It portrays that the gaining installation is not as robust as the losing installation in several of the chosen metrics. It outlines factors that may need to be improved or constructed before the gaining installation’s population can increase.

M.6 SUMMARY

Criterion 7 ensures that MILDEPs and JCSGs analyze the ability of a gaining installation’s community and its infrastructure to support forces, missions, and personnel in comparison to other installations. The JPAT will issue a report to the MILDEPs and

JCSGs outlining the installation answers to the Criterion 7 questions¹. The report will contain an entry for each installation and each installation will have a data summary table. The data supporting production of these reports will be maintained in a single database that allows the MILDEPs and JCSGs to analyze the data further during scenario development. The MILDEPs, Joint Cross Service Groups, and Defense Agencies are responsible for final review and editing of the output reports for their scenarios.

TABS uses the Criterion 7 report to conduct comparative assessments. TABS built a spreadsheet model to help analysts compare data between installations and rate the movement of a unit from one installation to another as high, medium, or low risk. The intent is to relocate units to installations that have the capacity to absorb additional unit missions and assess whether Army installations require additional support to attain a certain level of local-area infrastructure support.

¹ INCLUDE LOCATION OF THIS REPORT WHEN COMPLETED.

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]
SCENARIO #E&T-0061v3 TITLE: E&T-0061v3 NET FIRES CENTER (SILL)

GENERAL DESCRIPTION: Moves the ADA Center and School (Bliss) to Fort Sill (FA Center and School)
 Consolidates the Net Fires training and doctrine development at a single location.

Notes:

- 1). Fort Bliss loses approximately 3,500 personnel
- 2). Fort Sill gains approximately 3,000 personnel and requires approximately 800,000 SF new MILCON.

ANALYST: _____

LAST UPDATE: 20 APRIL 2005

Env Resource Area	<i>Gaining Installation Assessment</i> Inst Name: Ft Sill	Analyst Comments (& data source(s) that drive assessment)
Air Quality	In attainment for all criteria pollutants. No impact.	#212 - No HAPS #213 - In attainment for all criteria pollutants #211 Added emissions for SO2 are close to, but under, the permit limit. #218/ISR No mission impacts
Cultural/Archeological/Tribal Resources	365 historic sites and 337 archeological sites are reported, which currently restrict future construction/training/testing. 8 Native American Tribes assert interest in archeological sites. Due to interest from Native American Tribes, a potential impact may occur as a result of increased time delays and negotiated restrictions. Since there is no Programmatic Agreement in place, potential impacts may occur, since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs. Cultural/archeological/tribal resources currently restrict operations. Additional operations may impact these resources, which may lead to increased delays and costs.	#230 - 337 total arch sites, some restrict constr & operations/training/testing #232 - High potential for Archeological sites #231 - Native People's sites present #233 - 60% surveyed #234 - 8 Native tribes assert interest & in formal consultation (Apache Tribe of Oklahoma, Comanche Nation, Cheyenne-Arapahoe Tribes, Ft. Sill Apache Tribes, Kiowa Tribe, Caddo Indian Nation of Oklahoma, Delaware Tribe of Western Oklahoma, Wichita and Affiliated Tribes #235 -365 historic resources listed #236 - No programmatic agreement ISR - Arch site restrictions impact mission
Dredging	No Impacts	#226, 227, 228 - N/A
Land Use Constraints/Sensitive Resource Areas	No Impacts. Aircraft training around Ft Sill are restricted by nearby sensitive habitat. Aircraft overflight limited to daytime only and altitude must remain above 2000 over the Wichita Mountain Wildlife Refuge.	#30- Buildable Acres -approximately 109 acres req'd (based on 6 small schools) >800 non-training acres available. #254, #256-Sensitive Resource Areas restrictions reported CERL Study - Moderate Encroachment
Marine M	No Impact	#248, 249, 250, 252, 253 - N/A
Noise	1551 acres of Noise Zone II extend outside of installation boundary. Increased noise may result in operational restrictions on the installation. Further evaluation is required.	#239 - 1551 acres of Noise Zone II extend off installation, which is moderately encroached by development

Threatened & Endangered Species/Critical Habitat	Installation has 1 TES (Black-Capped Vireo) which results in restrictions on training land at high altitudes. 1 candidate species present with minimal current impact on operations. Additional operations may further impact threatened / endangered species leading to additional restrictions on training or operations.	#259 - Black-capped Vireo. Some restrictions on high altitude training (orienteeing) #261- Biological opinions for Vireo in place that restrict installation operations and range operation. 262 - No critical habitat #263 - 1 candidate species (Prairie Dog) no restriction for this species. #264 - No proposed critical habitat restrictions ISR2 shows no impact.
Waste Management	No Impact	#269 - Ft Sill does not have a RCRA Subpart X permit, but not an issue since ADA school is likely not performing waste munitions management and if it is, it is occurring on an active range.
Water Resources	Water quality impaired by pollutant loadings. Current operations may contribute to impaired water quality. Significant mitigation measures to limit releases may be required to reduce impacts to water quality and achieve USEPA Water Quality Standards.	#276 - Not over recharge zone #278 - McCarren Amendment does not apply #293 - 14 days of water controls/restr reported in FY02 IREM indicates water infrastructure has ample surplus #279 Discharges to 2 impaired waterways, but does not impair the waterway, which is not a source of potable water. ISR - No impact to mission
Wetlands	No Impact	#251 - Survey completed in 04/95 #257 - 1.25% wetland restricted acres

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

SCENARIO # E&T-0061V3

Env Resource Area	<i>Losing Installation Assessment</i> Inst Name: Ft Bliss	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact	Installation is not closing. Environmental impact to losing installation is considered neutral or positive to all 10 resource areas.
Cultural/ Archeological Resources	No Impact	
Dredging	No Impact	
Land Use Constraints/Sensitive Resource Areas	No Impact	
Marine Mammals/ Marine Resources / Marine Sanctuaries	No Impact	
Noise	No Impact	
Threatened & Endangered Species/ Critical Habitat	No Impact	
Waste Management	No Impact	
Water Resources	No Impact	
Wetlands	No Impact	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO # E&T-0061V3

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Ft Sill	Losing Installation Inst Name: Ft Bliss
Environmental Restoration*	None.	None. Installation is not closing.
Waste Management	None.	None.
Environmental Compliance	<ul style="list-style-type: none"> -Conduct Tribal govt to govt consultations - \$2K-\$10K per meeting. -Evaluation to determine if archeological/tribal site(s) are significant - \$15,000K - \$40,000K depending on size, complexity, and location -Evaluation to determine if historic building is significant - \$1K-\$2K per building depending on size, complexity and location -Develop Programmatic Agreement - \$10K -Endangered Species Management (including monitoring) \$20K - \$2M. -ESA Consultation (Biological Assessment Prep) - \$10K to \$100K/2 - 12 months -Realignment NEPA at gaining installation - \$400K (EA) -Install BMPs to protect impaired waterways and reduce non-point source runoff from tanning areas. -Noise analysis - \$5K-\$75K 	None.
COBRA Costs:	Realignment NEPA at gaining installation (EA) - \$400K Noise analysis - \$20K	None.

INSTALLATION ENVIRONMENTAL PROFILE

FORT SILL

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. FORT SILL is in Attainment for all Criteria Pollutants. It holds a CAA Synthetic Minor 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 FORT SILL. There is no 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. Formal consultation with Native Tribes is currently occurring.

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. FORT SILL 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. FORT SILL reports that 28495 unconstrained acres are available for development out of 93829 total acres. FORT SILL has spent \$21.899999999999999M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$2M. FORT SILL 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. It reports constraints associated with threatened and endangered species/habitat. It has restrictions due to adjacent or nearby Sensitive Resource Area. FORT SILL 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. FORT SILL 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. FORT SILL does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation. It has noise contours that extend off of the range property. Of the 1603 acres that extend to off-range property, 23 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. FORT SILL reported that federally-listed TES are present, candidate species are present, critical habitat is not present, 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. FORT SILL does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF) . FORT SILL does not have an interim or final RCRA Part X facility . FORT SILL has an on-base solid waste disposal facility that is 29% 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. FORT SILL discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is not reported. The state requires permits for the withdrawal of groundwater. The installation reported restrictions or controls that limited the production or distribution of potable water.

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

FORT SILL has 9653.2999999999993 Acre-Feet of surplus water potentially available for expansion. On average, it uses 3.274 MGD of potable and non-potable water, with the capacity to produce 14.472 MGD. It processed on average 2.6899999999999999 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 6.5399999999999991 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 2.2787499999999996 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. FORT SILL reported 1.2% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

FORT BLISS

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. FORT BLISS is in Serious Nonattainment for Ozone (1 hr). FORT BLISS is in Marginal Nonattainment for CO. FORT BLISS is in Marginal Nonattainment for PM₁₀. FORT BLISS is proposed to be in Nonattainment for Ozone (8 hour). FORT BLISS is proposed to be in Nonattainment for PM 2.5. No emission credit program available. No SIP growth allowance has been allocated for this installation.

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 FORT BLISS. 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. Formal consultation with Native Tribes is currently occurring.

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. FORT BLISS 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. FORT BLISS reports that 882682 unconstrained acres are available for development out of 1118734 total acres. FORT BLISS has spent \$19.80000000000001M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$2M. FORT BLISS has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and all 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. FORT BLISS 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. FORT BLISS 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. It has 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. FORT BLISS 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. FORT BLISS has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. FORT BLISS has an interim or final RCRA Part X facility that accepts off-site waste. FORT BLISS has an on-base solid waste disposal facility that is 93.7% 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. FORT BLISS does not discharge to an impaired waterway. Groundwater contamination is not reported. Surface water contamination is not reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
FORT BLISS has 9400974.9000000004 Acre-Feet of surplus water potentially available for expansion. On average, it uses 4.7400000000000002 MGD of potable and non-potable water, with the capacity to produce 12.5 MGD. It processed on average 3.4100000000000001 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 58.75 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process (No Capacity Reported) MGD.

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

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