

Aviation Logistics School

Recommendation: Realign Fort Eustis by relocating the Aviation Logistics School and consolidating it with the Aviation Center and School at Fort Rucker.

Justification: This recommendation consolidates Aviation training and doctrine development at a single location. Consolidating Aviation Logistics training with the Aviation Center and School fosters consistency, standardization and training proficiency. It consolidates both Aviation skill level I producing courses at one location, which allows the Army to reduce the total number of Military Occupational Skills (MOS) training locations (lessening 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, MTOE units, 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 \$492.3M. The net of all costs and savings to the Department of Defense during the implementation period is a cost of \$348.1M. Annual recurring savings to the Department after implementation are \$42.9M with a payback expected in 13 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$77.4M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 5000 jobs (2410 direct jobs and 2590 indirect jobs) over the 2006-2011 period in the Virginia Beach-Norfolk-Newport News, VA, metropolitan statistical area, which is 0.5 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 communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: This recommendation has no impact on air quality; cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; water resources; or wetlands. This recommendation will require spending approximately \$0.4M for environmental compliance activities. This cost was 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 ****

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Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\E&T 0062 v.6.10 Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fcsts File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFP

Starting Year : 2006
 Final Year : 2009
 Payback Year : 2022 (13 Years)

NPV in 2025(\$K) : -77,389
 1-Time Cost(\$K) : 492,261

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	37,910	314,956	44,058	0	0	0	397,424	0
Person	0	-379	-21,107	-45,326	45,438	-45,428	-167,668	-45,428
Overhd	2,961	9,353	4,583	2,961	1,679	1,679	23,217	1,679
Moving	117	527	3,847	564	0	0	5,055	0
Missile	0	0	0	0	0	0	0	0
Other	15,591	60,714	1,057	904	890	890	80,046	390
TOTAL	56,579	385,072	33,037	-40,898	-42,859	-42,859	348,073	-42,859

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	4	194	1	0	0	199
Enl	0	7	300	34	0	0	341
Civ	0	1	48	6	0	0	55
TOT	0	12	532	41	0	0	585

	2006	2007	2008	2009	2010	2011	Total
POSITIONS REALIGNED							
Off	0	1	18	2	0	0	21
Enl	0	10	303	34	0	0	347
Stu	0	18	1,556	215	0	0	1,789
Civ	0	1	81	11	0	0	93
TOT	0	30	1,958	162	0	0	2,150

Summary:

1. CR E&T 0062 -- Move the Aviation Log school to Rucker. This proposal realigns Ft. Rucker.
2. This proposal includes BPR personnel reductions resulting from consolidations and BASOPS adjustments in the population realignments at the installations above.

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 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	37,910	314,856	44,658	0	0	0	397,424	0
Person	0	265	9,774	11,777	13,338	13,338	47,492	13,338
Overhd	2,961	9,497	13,868	13,457	12,176	12,176	64,135	12,176
Moving	117	548	4,407	626	0	0	5,698	0
Missio	0	0	0	0	0	0	0	0
Other	15,591	60,714	1,357	904	690	890	80,045	890
TOTAL	56,579	385,879	72,764	26,764	26,403	26,403	594,794	26,403

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	643	29,882	57,103	58,766	58,766	205,160	58,766
Overhd	0	144	9,285	10,496	10,496	10,496	40,918	10,496
Moving	0	20	560	63	0	0	642	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	807	39,727	67,662	69,262	69,262	246,721	69,262

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 Option Pkg Name: Aviation Log (Ft Rucker)
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ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	----
CONSTRUCTION							
MILCON	37,910	314,856	44,658	0	0	0	397,424
OWM							
CIV SALARY							
Civ RIF	0	57	459	57	0	0	574
Civ Retire	0	0	132	12	0	0	144
CIV MOVING							
Per Diem	0	3	216	30	0	0	249
POV Miles	0	0	12	2	0	0	14
Home Purch	0	12	942	133	0	0	1,087
HHG	0	4	302	43	0	0	349
Misc	0	1	78	11	0	0	90
House Hunt	0	2	165	23	0	0	191
PPP	0	0	355	35	0	0	390
RITA	0	5	396	56	0	0	457
FREIGHT							
Packing	0	2	122	16	0	0	140
Freight	0	7	404	110	0	0	521
Vehicles	0	0	0	0	0	0	0
Unemployment	0	4	36	4	0	0	44
OTHER							
Info Tech	117	476	391	52	0	0	1,036
Prog Manage	2,845	2,134	1,600	1,200	0	0	7,779
Supt Contract	0	0	0	0	0	0	0
Mothball	0	10	616	81	0	0	707
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	2	61	7	0	0	70
POV Miles	0	2	49	5	0	0	57
HHG	0	21	592	66	0	0	679
Misc	0	11	321	36	0	0	368
OTHER							
Elim PCS	0	70	3,127	146	0	0	3,344
OTHER							
HAP / RSE	0	6	254	14	0	0	274
Environmental	420	0	0	0	0	0	420
Misc Contract	0	0	0	0	0	0	0
1-Time Other	15,171	60,662	0	0	0	0	75,833
TOTAL ONE-TIME	56,463	378,366	55,289	2,143	0	0	492,261

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 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	67	4,199	4,765	4,785	4,785	4,785	23,407	4,785
Recap	49	3,106	3,540	3,540	3,540	3,540	17,315	3,540
BOS	0	48	3,327	3,850	3,850	3,850	14,937	3,850
Civ Salary	0	133	5,020	10,307	10,839	10,839	37,137	10,839
TRICARE	0	26	803	890	890	890	3,498	890
MIL PERSONNEL								
Off Salary	0	0	0	1,250	2,499	2,499	6,248	2,499
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	116	7,513	17,475	24,622	26,403	26,403	102,533	26,403
TOTAL COST	56,579	185,879	72,764	26,764	26,403	26,403	594,794	26,403
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	20	560	63	0	0	642	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	20	560	63	0	0	642	
RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	39	2,526	2,856	2,856	2,856	11,132	2,856
Recap	0	26	1,717	1,941	1,941	1,941	7,567	1,941
BOS	0	28	5,042	5,700	5,700	5,700	22,219	5,700
Civ Salary	0	33	1,662	3,458	3,657	3,657	12,468	3,657
MIL PERSONNEL								
Off Salary	0	150	11,997	23,557	23,620	23,620	83,044	23,620
Enl Salary	0	288	12,937	26,897	28,098	28,098	96,118	28,098
House Allow	0	72	3,286	3,391	3,391	3,391	13,530	3,391
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	787	39,168	67,599	69,262	69,262	246,079	69,262
TOTAL SAVINGS	0	807	39,727	67,662	69,262	69,262	246,721	69,262

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 Option Pkg Name: Aviation Log (FT Rucker)
 Std Fairs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

ONE TIME NET	2006	2007	2008	2009	2010	2011	Total	
---(SK)---	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	37,910	314,856	44,658	0	0	0	397,424	
O&M								
Civ Retir/RIF	0	67	591	69	0	0	718	
Civ Moving	0	36	2,992	459	0	0	3,488	
Info Tech	117	476	391	52	0	0	1,036	
Other	2,845	2,149	2,252	1,286	0	0	8,531	
MIL PERSONNEL								
Mil Moving	0	65	3,591	198	0	0	3,855	
OTHER								
HAP / RSE	0	6	254	14	0	0	274	
Environmental	420	0	0	0	0	0	420	
Misc Contract	0	0	0	0	0	0	0	
1-Time Other	15,171	60,682	0	0	0	0	75,853	
TOTAL ONE TIME	56,463	378,346	54,729	2,590	0	0	491,159	
RECURRING NET								
---(SK)---	----	----	----	----	----	----	----	----
FAM HOUSE OPS								
	0	0	0	0	0	0	0	0
O&M								
Sustainment	67	4,160	2,259	1,930	1,930	1,930	12,075	1,930
Recap	49	3,090	1,823	1,599	1,599	1,599	9,748	1,599
BOS	0	30	-1,715	-1,849	-1,849	-1,849	-7,293	-1,849
Civ Salary	0	100	3,358	6,849	7,181	7,181	24,669	7,181
TRICARE	0	26	893	890	890	890	3,498	890
MIL PERSONNEL								
Mil Salary	0	-538	-24,904	-49,005	-49,218	-49,218	-172,914	-49,218
House Allow	0	-72	-3,286	-3,391	-3,391	-3,391	-13,530	-3,391
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	116	6,726	-21,692	-42,978	-42,859	-42,859	-143,546	-42,859
TOTAL NET COST	56,579	385,072	33,037	40,898	-42,859	-42,859	348,073	-42,859

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Department : Army
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 Option Pkg Name: Aviation Log (Ft Rucker)
 Sir Petri's File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC0005.SFF

Base: EUSTIS, VA (512811)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
(\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	57	459	57	0	0	574
Civ Retire	0	0	133	12	0	0	144
CIV MOVING							
Per Diem	0	3	216	30	0	0	249
POV Miles	0	0	12	2	0	0	14
Home Purch	0	12	942	133	0	0	1,087
HHS	0	4	302	43	0	0	349
Misc	0	1	78	11	0	0	90
House Hunt	0	2	165	23	0	0	191
PPP	0	0	350	35	0	0	385
RITA	0	5	396	56	0	0	457
FREIGHT							
Packing	0	2	122	16	0	0	140
Freight	0	7	404	110	0	0	521
Vehicles	0	0	0	0	0	0	0
Unemployment	0	4	36	4	0	0	44
OTHER							
Info Tech	0	6	391	52	0	0	449
Prog Manage	2,300	1,725	1,294	970	0	0	6,289
Supt Contract	0	0	0	0	0	0	0
Mothball	0	10	616	81	0	0	707
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	2	61	7	0	0	70
POV Miles	0	1	49	5	0	0	57
HHS	0	21	592	64	0	0	677
Misc	0	11	321	36	0	0	368
OTHER							
Elim PCS	0	8	430	46	0	0	484
OTHER							
HAP / RSE	0	0	0	0	0	0	0
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	2,300	1,882	7,175	1,798	0	0	11,354

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 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Base: EUSTIS, VA (51281)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRING COSTS	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	2,300	1,882	7,373	1,798	0	0	13,354	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	20	560	63	0	0	642	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	20	560	63	0	0	642	0

RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	39	2,926	2,856	2,856	2,856	11,132	2,856
Recap	0	26	1,717	1,941	1,941	1,941	7,567	1,941
BOS	0	78	5,042	5,700	5,700	5,700	22,219	5,700
Civ Salary	0	33	1,662	3,458	3,657	3,657	12,468	3,657
MIL PERSONNEL								
Off Salary	0	0	562	1,187	1,250	1,250	4,249	1,250
Enl Salary	0	82	3,625	7,457	7,828	7,828	26,821	7,828
House Allow	0	71	2,399	2,660	2,660	2,660	10,451	2,660
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	331	17,535	25,258	25,891	25,891	94,907	25,891
TOTAL SAVINGS	0	351	18,095	25,321	25,891	25,891	95,550	25,891

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 Option Pkg Name: Aviation Log (Ft Rucker)
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Base: EUSTIS, VA (51201)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	57	591	69	0	0	718	
Civ Moving	0	36	2,992	459	0	0	3,488	
Info Tech	0	6	391	52	0	0	449	
Other	2,300	1,739	1,945	1,056	0	0	7,040	
MIL PERSONNEL								
Mil Moving	0	23	894	98	0	0	1,016	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
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	2,300	1,862	6,813	1,736	0	0	12,711	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	-39	-2,526	-2,856	-2,856	-2,856	-11,132	-2,856
Recap	0	-26	-1,717	-1,941	-1,941	-1,941	-7,567	-1,941
BOS	0	-76	-5,042	-5,700	-5,700	-5,700	-22,219	-5,700
Civ Salary	0	-33	-1,662	-3,458	-3,657	-3,657	-12,468	-3,657
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-82	-4,188	-8,644	-9,078	-9,078	-31,078	-9,078
House Allow	0	-71	-2,399	-2,660	-2,660	-2,660	-10,451	-2,660
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	-331	-17,535	-25,258	-25,891	-25,891	-94,907	-25,891
TOTAL NET COST	2,300	1,531	-10,722	-23,523	-25,891	-25,891	-82,196	-25,891

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/9
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Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Base: RUCKER, AL (01767)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	37,910	314,856	44,658	0	0	0	397,424
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	117	470	0	0	0	0	587
Prog Manage	545	409	306	230	0	0	1,490
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	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	62	2,697	100	0	0	2,859
OTHER							
HAP / RSE	0	6	254	14	0	0	274
Environmental	420	0	0	0	0	0	420
Misc Contract	0	0	0	0	0	0	0
1-Time Other	15,171	60,682	0	0	0	0	75,853
TOTAL ONE-TIME	54,163	376,484	47,916	344	0	0	478,907

CORRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/9
 Data As Of 04/19/2005 5:55:14 PM. Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Pt Rucker)
 Std Petrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: FUCKER, AL (01767)

RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	67	4,199	4,785	4,785	4,785	4,785	23,407	4,785
Recap	49	3,106	3,540	3,540	3,540	3,540	17,315	3,540
BOS	0	48	3,327	3,850	3,850	3,850	14,927	3,850
Civ Salary	0	133	5,020	10,367	10,839	10,839	37,137	10,839
TRICARE	0	26	803	890	890	890	3,498	890
MIL PERSONNEL								
Off Salary	0	0	0	1,250	2,499	2,499	6,248	2,499
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	116	7,513	17,475	24,622	26,403	26,403	102,533	26,403
TOTAL COSTS	54,279	383,997	65,391	24,966	26,403	26,403	581,441	26,403

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	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							

RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	11,435	22,370	22,370	22,370	78,796	22,370
Enl Salary	0	0	9,311	19,240	20,290	20,270	69,298	20,270
House Allow	0	0	886	731	731	731	3,079	731
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	456	21,632	42,341	43,371	43,371	151,171	43,371
TOTAL SAVINGS	0	456	21,632	42,341	43,371	43,371	151,171	43,371

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 9/9
 Date As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:05 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC7005.SPF

Base: RUCKER, AL (01767)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
---- (\$K)----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	37,910	314,856	44,658	0	0	0	397,424	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	117	470	0	0	0	0	587	
Other	545	409	306	230	0	0	1,490	
MIL PERSONNEL								
Mil Moving	0	62	2,697	100	0	0	2,859	
OTHER								
HAP / RSE	0	6	254	14	0	0	274	
Environmental	420	0	0	0	0	0	420	
Misc Contract	0	0	0	0	0	0	0	
1-Time Other	15,071	60,682	0	0	0	0	75,853	
TOTAL ONE-TIME	54,163	376,484	47,916	344	0	0	478,907	
RECURRING NET								
----- (\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	67	4,199	4,785	4,785	4,785	4,785	23,407	4,785
Recap	49	3,105	3,540	3,540	3,540	3,540	17,315	3,540
BOS	0	48	3,327	3,850	3,850	3,850	14,927	3,850
Civ Salary	0	133	5,020	10,307	10,839	10,839	37,137	10,839
TRICARE	0	26	803	890	890	890	3,498	890
MIL PERSONNEL								
Mil Salary	0	-456	-20,746	-40,360	-40,141	-40,141	-141,844	-40,141
House Allow	0	-0	-886	-731	-731	-731	-3,079	-731
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	116	7,057	-4,157	-17,719	-16,967	-16,967	-48,638	-16,967
TOTAL NET COST	54,279	383,541	43,759	17,375	-16,967	-16,967	430,269	-16,967

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
 Data As Of 04/19/2005 5:55:14 PM. Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EA1 CD62 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05 Aviation
 Option Pkg Name: Aviation Log (Pt Rucker)
 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
EUSTIS	0	0	0
RUCKER	397,423,938	0	397,423,938
Totals:	397,423,938	0	397,423,938

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

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

MilCon for Base: RUCKER, AL (01767)

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	136,000	19,800	0	Default	0	19,800	
1712 Applied Instruction Building	SF	1,690,000	278,030	0	Default	0	278,030	
2111 Aircraft Maintenance Hangar	SF	210,000	38,721	0	Default	0	38,721	
6101 Small Unit Headquarters Building	SF	16,000	2,284	0	Default	0	2,284	
7213 Student Barracks	SF	386,000	51,552	0	Default	0	51,552	
7220 Dining Facility	SF	30,000	6,866	0	Default	0	6,866	
8521 Vehicle Parking, Surfaced	SY	4,000	171	0	Default	0	171	
Total Construction Cost:							397,424	
- Construction Cost Avoid:							0	
Total Net Milcon Cost:							397,424	

* 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 04/19/2005 5:55:14 PM. Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Fr Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Year	Cost (\$)	Adjusted Cost (\$)	NPV (\$)
2006	58,579,381	55,803,526	55,803,526
2007	385,072,604	369,447,109	425,250,635
2008	33,007,003	30,833,147	456,083,782
2009	-48,997,751	-37,139,879	418,953,904
2010	42,858,829	-37,850,470	381,103,433
2011	-42,858,829	-36,819,524	344,283,909
2012	42,858,829	-35,816,657	308,467,252
2013	42,858,829	-34,841,106	273,626,145
2014	-42,858,829	-33,892,127	239,734,018
2015	-42,858,829	-32,968,995	206,765,023
2016	-42,858,829	-32,071,007	174,694,017
2017	-42,858,829	-31,197,477	143,496,539
2018	-42,858,829	-30,347,741	113,148,799
2019	-42,858,829	-29,521,148	83,627,650
2020	-42,858,829	-28,717,071	54,310,579
2021	-42,858,829	-27,934,893	26,975,688
2022	-42,858,829	-27,174,021	-198,336
2023	-42,858,829	-26,433,872	-26,632,208
2024	-42,858,829	-25,713,884	-52,346,093
2025	-42,858,829	-25,013,506	-77,359,597

TOTAL CORRA ONE TIME COST REPORT (COBRA v6.10) - Page 1/3
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EAT 0062 v.6.10 - Avn Logistics - from Army TABE 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (FE Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPP

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	-----	-----
Construction		
Military Construction	397,423,938	
Total - Construction		397,423,938
Personnel		
Civilian RIF	573,882	
Civilian Early Retirement	142,869	
Eliminated Military PCS	3,343,758	
Unemployment	44,510	
Total - Personnel		4,106,118
Overhead		
Program Management Cost	7,779,255	
Support Contract Termination	0	
Morbidity / Shutdown	765,950	
Total - Overhead		8,486,205
Moving		
Civilian Moving	2,436,241	
Civilian PPP	390,456	
Military Moving	1,173,869	
Freight	660,947	
Information Technologies	1,036,400	
One-Time Moving Costs	0	
Total - Moving		5,697,913
Other		
HAP / RSE	274,126	
Environmental Mitigation Costs	420,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	75,853,000	
Total - Other		76,547,126
Total One-Time Costs		492,261,301
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	642,578	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		642,578
Total Net One-Time Costs		491,618,723

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Base: ENSTIS, VA (51281)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	573,982	
Civilian Early Retirement	143,868	
Eliminated Military PCS	484,635	
Unemployment	44,510	
Total - Personnel		1,246,996
Overhead		
Program Management Cost	6,288,914	
Support Contract Termination	0	
Mothball / Shutdown	706,950	
Total - Overhead		6,995,864
Moving		
Civilian Moving	2,416,241	
Civilian PPP	390,456	
Military Moving	1,173,869	
Freight	660,947	
Information Technologies	449,400	
One-Time Moving Costs	0	
Total - Moving		5,110,913
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		13,353,773
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	842,578	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		842,578
Total Net One-Time Costs		12,711,195

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\AET 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Patrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

Base: RUCKER, AL (01767)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	397,423,938	
Total - Construction		397,423,938
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	2,859,123	
Unemployment	0	
Total - Personnel		2,859,123
Overhead		
Program Management Cost	1,490,341	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		1,490,341
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	587,000	
One-Time Moving Costs	0	
Total - Moving		587,000
Other		
MAP / RSE	274,126	
Environmental Mitigation Costs	430,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	75,853,600	
Total - Other		76,547,726
Total One-Time Costs		478,997,528
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		478,997,528

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
 Data As Of 04/19/2005 5:55:14 PM. Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EST 0002 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Reg (Ft Rucker)
 Std Force File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2,010	7,348	5,645	4,702

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

	2006	2007	2008	2009	2010	2011	Total
Officers	-26	8	0	0	0	0	23
Enlisted	-120	23	0	0	0	0	-97
Students	128	-32	0	0	0	0	-160
Civilians	-1	0	0	0	0	0	-1
TOTAL	277	-1	0	0	0	0	-278

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

Officers	Enlisted	Students	Civilians
1,993	7,251	5,485	4,701

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	18	2	0	0	21
Enlisted	0	10	303	34	0	0	347
Students	0	18	1,556	215	0	0	1,789
Civilians	0	1	81	11	0	0	93
TOTAL	0	30	1,958	262	0	0	2,250

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-4	-184	12	0	0	-169
Enlisted	0	-7	300	-34	0	0	-31
Civilians	0	1	95	10	0	0	106
TOTAL	0	-8	-329	5	0	0	-402

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,824	6,910	5,485	4,809

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EST 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

PERSONNEL SUMMARY FOR: EUSTIS, VA (51281)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
880	5,499	2,937	2,569

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: EUSTIS, VA (51281)

	2006	2007	2008	2009	2010	2011	Total
Officers	-28	8	0	0	0	0	-20
Enlisted	-129	23	0	0	0	0	-97
Students	-104	-33	0	0	0	0	-136
Civilians	-1	0	0	0	0	0	-1
TOTAL	-252	-2	0	0	0	0	-254

BASE POPULATION (Prior to BRAC Action) FOR: EUSTIS, VA (51281)

Officers	Enlisted	Students	Civilians
860	5,402	2,801	2,568

PERSONNEL REALIGNMENTS:

To Base: RUCKER, AL (01767)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	18	2	0	0	21
Enlisted	0	10	303	34	0	0	347
Students	0	18	1,556	215	0	0	1,789
Civilians	0	1	81	11	0	0	93
TOTAL	0	30	1,958	262	0	0	2,250

TOTAL PERSONNEL REALIGNMENTS (Out of EUSTIS, VA (51281)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	18	2	0	0	21
Enlisted	0	10	303	34	0	0	347
Students	0	18	1,556	215	0	0	1,789
Civilians	0	1	81	11	0	0	93
TOTAL	0	30	1,958	262	0	0	2,250

SCENARIO POSITION CHANGES FOR: EUSTIS, VA (51281)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-9	-1	0	0	-10
Enlisted	0	-2	-84	-9	0	0	-95
Civilians	0	-1	48	-6	0	0	-55
TOTAL	0	-3	-141	-16	0	0	-160

BASE POPULATION (After BRAC Action) FOR: EUSTIS, VA (51281)

Officers	Enlisted	Students	Civilians
829	4,969	1,012	2,420

PERSONNEL SUMMARY FOR: RUCKER, AL (01767)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,133	1,849	2,708	2,133

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: RUCKER, AL (01767)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	-25	1	0	0	0	0	-24
Civilians	0	0	0	0	0	0	0

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : ARMY
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EA7 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

BASE POPULATION (Prior to BRAC Action) FOR: RUCKER, AL (01767)

Officers	Enlisted	Students	Civilians
1,133	1,849	2,684	2,133

PERSONNEL REALIGNMENTS:
 From Base: EUSTIS, VA (51281)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	18	2	0	0	21
Enlisted	0	10	303	34	0	0	347
Students	0	18	1,556	215	0	0	1,789
Civilians	0	1	81	11	0	0	93
TOTAL	0	30	1,958	262	0	0	2,250

TOTAL PERSONNEL REALIGNMENTS (Into RUCKER, AL (01767)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	18	2	0	0	21
Enlisted	0	10	303	34	0	0	347
Students	0	18	1,556	215	0	0	1,789
Civilians	0	1	81	11	0	0	93
TOTAL	0	30	1,958	262	0	0	2,250

SCENARIO POSITION CHANGES FOR: RUCKER, AL (01767)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	4	-175	20	0	0	159
Enlisted	0	5	-216	-25	0	0	-246
Civilians	0	4	143	16	0	0	163
TOTAL	0	-8	-248	11	0	0	-242

BASE POPULATION (After BRAC Action) FOR: RUCKER, AL (01767)

Officers	Enlisted	Students	Civilians
995	1,950	4,473	2,389

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EST 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 SUI Fcurs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: EUSTIS, VA (51281)

Year	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
	Total	Percent	TimePhase	Total	Percent	TimePhase
2006	0	0.00%	50.00%	0	0.00%	0.00%
2007	0	0.00%	25.00%	33	1.37%	1.37%
2008	0	0.00%	25.00%	2,099	87.10%	87.10%
2009	0	0.00%	0.00%	278	11.54%	11.54%
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%	2410	100.00%	100.00%

Base: RUCKER, AL (01767)

Year	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
	Total	Percent	TimePhase	Total	Percent	TimePhase
2006	0	0.00%	1.40%	0	0.00%	0.00%
2007	34	1.40%	86.35%	9	2.12%	2.12%
2008	2,101	86.35%	12.25%	391	92.00%	92.00%
2009	298	12.25%	0.00%	25	5.88%	5.88%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	2433	100.00%	100.00%	425	100.00%	100.00%

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	1	81	11	0	0	93
Early Retirement*	8.10%	0	0	7	1	0	0	8
Regular Retirement*	1.67%	0	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	0	7	1	0	0	8
Civs Not Moving (RIFs)*	6.00%	0	0	5	1	0	0	6
Civilians Moving (the remainder)		0	1	61	8	0	0	70
Civilian Positions Available		0	0	20	3	0	0	23
CIVILIAN POSITIONS ELIMINATED		0	1	48	6	0	0	55
Early Retirement	8.10%	0	0	4	0	0	0	4
Regular Retirement	1.67%	0	0	1	0	0	0	1
Civilian Turnover	9.16%	0	0	4	1	0	0	5
Civs Not Moving (RIFs)*	6.00%	0	0	3	0	0	0	3
Priority Placement#	39.97%	0	0	19	2	0	0	21
Civilians Available to Move		0	1	17	3	0	0	21
Civilians Moving		0	0	17	3	0	0	20
Civilian RIFs (the remainder)		0	1	0	0	0	0	1
CIVILIAN POSITIONS REALIGNING IN		0	1	81	11	0	0	93
Civilians Moving		0	1	78	11	0	0	90
New Civilians Hired		0	0	3	0	0	0	3
Other Civilian Additions		0	4	143	16	0	0	163
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	11	1	0	0	12
TOTAL CIVILIAN RIFs		0	1	8	1	0	0	10
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	19	2	0	0	21
TOTAL CIVILIAN NEW HIRES		0	4	146	16	0	0	166

* 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\EXT 0062 v.6.10 Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation L59 (Fc Rucker)
 Std Fcrrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC1005.SFF

Base: EUSTIS, VA (S1281)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	1	81	11	0	0	93
Early Retirement*	8.10%	0	0	7	1	0	0	8
Regular Retirement*	1.67%	0	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	0	7	1	0	0	8
Civs Not Moving (RIFs)*	6.00%	0	0	5	1	0	0	6
Civilians Moving (the remainder)		0	1	61	8	0	0	70
Civilian Positions Available		0	0	20	3	0	0	23
CIVILIAN POSITIONS ELIMINATED		0	1	48	6	0	0	55
Early Retirement	8.10%	0	0	4	0	0	0	4
Regular Retirement	1.67%	0	0	1	0	0	0	1
Civilian Turnover	9.16%	0	0	4	1	0	0	5
Civs Not Moving (RIFs)*	6.00%	0	0	3	0	0	0	3
Priority Placement#	39.97%	0	0	19	2	0	0	21
Civilians Available to Move		0	1	17	3	0	0	21
Civilians Moving		0	0	17	3	0	0	20
Civilian RIFs (the remainder)		0	1	0	0	0	0	1
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	11	1	0	0	12
TOTAL CIVILIAN RIFs		0	1	8	1	0	0	10
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	19	2	0	0	21
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\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctre File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Base: RUCKER, AL (01767)	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 (RIPs)*	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 (RIPs)*	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 RIPs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	1	81	11	0	0	93
New Civilians Hired		0	0	3	0	0	0	3
Other Civilian Additions		0	4	143	16	0	0	163
TOTAL CIVILIAN EARLY RETIREMENTS								
		0	0	0	0	0	0	0
TOTAL CIVILIAN RIPs								
		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#								
		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES								
		0	4	146	16	0	0	166

* 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 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BAGT 0061 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Pt Rucker)
 Std Fcbrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

Personnel				
Base	Start*	Finish*	Change	%Change
EUSTIS	11,631	9,221	-2,410	-21%
RUCKER	7,799	9,807	2,008	26%
TOTAL	19,430	19,028	-402	-2%

Square Footage					
Base	Start	Finish	Change	%Change	Chg/Per
EUSTIS	12,505,000	10,937,000	-1,571,000	-13%	652
RUCKER	9,415,000	11,863,000	2,448,000	26%	1,219
TOTAL	21,920,000	22,800,000	877,000	4%	-2,181

Base Operations Support (2005\$)					
Base	Start*	Finish*	Change	%Change	Chg/Per
EUSTIS	51,942,885	46,243,193	-5,699,693	-11%	2,365
RUCKER	34,768,197	38,618,759	3,850,562	11%	1,918
TOTAL	86,711,083	84,861,952	-1,849,131	-2%	4,600

Sustainment (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
EUSTIS	22,735,900	19,688,380	-3,047,520	-13%	1,165
RUCKER	17,782,270	22,567,513	4,785,243	27%	2,383
TOTAL	40,518,170	42,255,893	1,737,723	5%	-4,900

Recapitalization (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
EUSTIS	15,454,332	13,513,274	-1,941,058	-13%	805
RUCKER	16,789,149	20,329,644	3,539,894	21%	1,763
TOTAL	32,243,482	33,842,918	1,599,436	5%	-3,977

Sustain + Recap + BOS (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
EUSTIS	90,133,118	79,636,746	-10,496,371	-12%	4,355
RUCKER	69,339,617	81,515,316	12,175,699	18%	6,063
TOTAL	159,472,734	161,152,063	1,679,328	1%	-4,177

Plant Replacement Value (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
EUSTIS	1,591,796,020	1,391,867,026	-199,928,994	-13%	81,958
RUCKER	1,729,282,400	2,093,801,918	364,509,118	21%	181,578
TOTAL	3,321,078,420	3,485,758,944	164,680,123	5%	-409,652

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 3
Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army

Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation

Option Pkg Name: Aviation Log (Ft Rucker)

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

- * "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 04/10/2005 5:55:14 PM, Report Created 4/20/2005 11:31:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EWI CU02 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPP

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	67	4,160	2,259	1,930	1,930	1,930	12,275	1,930
Recap Change	49	3,080	1,823	1,599	1,599	1,599	9,748	1,599
BOS Change	0	-30	-1,715	-1,849	-1,849	-1,849	-7,293	-1,849
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	116	7,210	2,367	1,679	1,679	1,679	14,730	1,679

EUSTIS, VA (51281)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	-39	-2,526	2,856	2,856	-2,856	-11,132	-2,856
Recap Change	0	-26	-1,717	-1,941	1,941	-1,941	-7,567	-1,941
BOS Change	0	-73	-5,042	-5,700	-5,700	-5,700	-22,219	5,700
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-144	-9,285	-10,496	-10,496	-10,496	-40,518	-10,496

RUCKER, AL (01767)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	67	4,199	4,785	4,785	4,785	4,785	23,437	4,785
Recap Change	49	3,106	3,540	3,540	3,540	3,540	17,315	3,540
BOS Change	0	48	3,327	3,850	3,850	3,850	14,927	3,850
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	116	7,353	11,652	12,176	12,176	12,176	55,649	12,176

OSDA MULTILINGUAL INSTALLATION FORCES (OLMIA) v. 1.0
 Date: No. 04-19-2005 05:51:14 AM Report Created: 4/20/2005 11:23:06 AM

Department: Army
 Database File: BARRACQUERACODER v. 6.10 Apr 05:50:06 - Non Indicators - from Army TABS - 20 Apr 05:50:06 Log (User:cl) 04-19-05.OLM
 Update Prog Name: Aviation Log File Parser
 Log File Name: BARRACQUERACODER v. 6.10 Apr 05:50:06.BFF

BARCODE	Base Type	Military	Civilian	Military	Civilian	Realize	Realize	Delta	Basic	Suspension	Delta	Balance	Delta	Balance
4.884	205110	-105	158	-188	93	-93	93	-2,585,000	2,585,000	0	1,571,000	-198,928,894	198,928,894	0
11767	205000	-411	163	368	93	368	93	4,761,743	4,761,743	0	2,448,100	364,609,118	364,609,118	0

COBRA INPUT DATA REPORT (COBRA v6.10)
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BAT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Pckgs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

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

Base Name, ST (Code)	Strategy:
-----	-----
EUSTIS, VA (51281)	Realignment
RUCKER, AL (01767)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

(Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----
EUSTIS, VA (51281)	RUCKER, AL (01767)	772 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from EUSTIS, VA (51281) to RUCKER, AL (01767)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	1	16	2	0	0
Enlisted Positions:	0	10	303	34	0	0
Civilian Positions:	0	1	91	11	0	0
Student Positions:	0	16	1,556	215	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	179	157	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: EUSTIS, VA (51281)

Total Officer Employees:	880	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	5,499	Total Sustainment(\$K/Year):	22,736
Total Student Employees:	2,937	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	2,569	BOS Non-Payroll (\$K/Year):	52,544
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	60,879
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,591,796
Starting Facilities(KSF):	12,508	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,074	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	915		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.94		Admits Visits Prescrip
Per Diem Rate (\$/Day):	142	CostFactor	4,097.00 65.00 46.84
Freight Cost (\$/Ton/Mile):	0.33	Actv MTP	291 171,996 175,045
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	491 13,301
Latitude:	37.190000	Retiree	116 48,147 124,072
Longitude:	-76.583330	Retiree65+	10 8,298 69,026

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2
 Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EST 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Fu Rucker)
 Std Fcns File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: RUCKER, AL (01267)

Total Officer Employees:	1,133	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	1,849	Total Sustainment(\$K/Year):	17,782
Total Student Employees:	2,708	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	2,133	BOS Non Payroll (\$K/Year):	34,814
Accomp Mil Not Receiving BAH:	36.0%	BOS Payroll (\$K/Year):	65,511
Officer Housing Units Avail:	73	Family Housing (\$K/Year):	2,449
Enlisted Housing Units Avail:	75	Installation PRV(\$K):	1,729,282
Starting Facilities(KSF):	5,415	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	906	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	595		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.77		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	3,483.00 84.00 25.75
Freight Cost (\$/Ton/Mile):	0.33	Activ MTF	88 100,299 99,867
Vehicle Cost (\$/Lift/Mile):	4.84	Activ Parch	1,143 28,678
Latitude:	31.316670	Retiree	48 37,354 114,253
Longitude:	-85.733330	Retiree65+	7 8,215 101,071

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: EUSTIS, VA (51281)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Contract Start(\$K):	0	0	0	0	0	0
Misc 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%
Misc 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):		1,571	PH Shdn:	0.000%

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BAT 0062 v.6.10 Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: RUCKER, AL (01767)	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	15,131	60,662	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	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
Misc Contract Start(\$K):	0	0	0	0	0	0
Misc 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):	117	470	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misc Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac Shdn(\$K):	0	PH Shdn:	0.000%	

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: EUSTIS, VA (51281)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	-9	-1	0	0
Enl Scenario Change:	0	-2	-84	-9	0	0
Civ Scenario Change:	0	-1	-45	-6	0	0
Off Prog nonBRAC Change:	-28	8	0	0	0	0
Enl Prog nonBRAC Change:	-126	23	0	0	0	0
Civ Prog nonBRAC Change:	-1	0	0	0	0	0
Stu Prog nonBRAC Change:	-103	-33	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

Name: RUCKER, AL (01767)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	-4	-125	20	0	0
Enl Scenario Change:	0	-5	-216	-25	0	0
Civ Scenario Change:	0	4	143	16	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:	-25	1	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\AWT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Pt Rucker)
 Std Pctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: RUCKER, AL (01757)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FFG Con CF	FFG Sust CF
1711	SF	136,000	0 Default	0	154.99	3.65
1712	SF	1,690,000	0 Default	0	175.25	3.71
2111	SF	210,000	0 Default	0	195.52	2.03
6101	SF	16,000	0 Default	0	151.95	3.83
7213	SF	366,000	0 Default	0	149.92	3.86
7220	SF	30,000	0 Default	0	244.13	5.41
8521	EY	4,000	0 Default	0	45.83	1.07

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:	2.10%	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	8379.00	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 (Desc/Reain) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (R&B):	64.00%	MilCon SIGH Rate:	6.00%	
Rehab vs. MilCon (AS&R):	29.00%	Discount Rate for NPV/Payback:	2.80%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (lb):	710	Storage In Transit (\$/Pers):	173.76
HRS Per Off Accomp (lb):	15,390.00	PCV Reimburse(\$/Mile):	0.20
HRS Per Enl Accomp (lb):	9,204.00	Air Transport (\$/Pass Mile):	0.20
HRS Per Off Unaccomp (lb):	13,712.00	ET Connect (\$/Person):	200.00
HRS Per Enl Unaccomp (lb):	6,960.00	Misc Exp(\$/Direct Employee):	1,000.00
HRS Per Civilian (lb):	18,000.00	Avg Mil Tour Length (Months):	30.00
Total HRS Cost (\$/100lb):	8.78	One-Time Off PCS Cost(\$):	10,479.58
Equip Pack & Crate(\$/Ton):	180.67	One-Time Enl PCS Cost(\$):	3,993.72

Department : Army
Scenario File : D:\BRAC\COBRAN\COBRA v6.10 19 Apr 05\EXT 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
Option Pkg Name: Aviation Log (Ft Rucker)
Std Pckgs File : D:\BRAC\COBRAN\COBRA v6.10 19 Apr 05\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

1. CR EXT 0062 - Move the Aviation Log school to Rucker. This proposal realigns Ft. Eustis.
2. This proposal includes BPR personnel reductions resulting from consolidations and BASOPS adjustments in the population realignments at the installations above.

FOOTNOTES FOR SCREEN THREE

1. The inputs on this screen may differ from the installation(s) stationable package as a result of BPR personnel reductions and BASOPS adjustments taken as a result of consolidation/realignment effort recommended in this proposal.
2. Personnel movements account for non-BRAC programming actions occurring between the FY03 baseline and the out-years (FY05-FY11). In the event that planned programming actions add positions to an installation (results in a + error message), TABS adjusts the personnel movements on screen 3 to move these extra positions to Base X. In the event that planned programming actions delete positions from an installation (results in a negative error message), TABS adjusts the personnel movements on screen 3 to move fewer positions (add the negative error quantity to the original movement quantity that produced the error message).

FOOTNOTES FOR SCREEN FIVE

1. The one - time unique costs associated with this move is a result increases to core and community utility support facilities at Rucker, \$71,297,663 spread over a two year period.
 - a. Due cumulative to the impact the one - time unique costs associated with this move at Fort Rucker, decreased to \$70,267,436 spread over a two year period.
 - b. The RCI associated with this CR is \$5,585,106 and is included in the one time unique cost on screen 5.
2. The one time IT cost reflects an increase of personnel at Ft. Rucker of 2,247, which increased the installations total population from 7,794 to 10,041.
 - a. Due cumulative to the impact the ITcosts associated with this move increased to \$587,316 spread over a two year period.
3. Environmental non-military construction consists of:
NEFA (EA) - \$400K
 - a. Due to the cumulative impact environmental costs were increased to \$420K

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 25 of the 569 military positions reduced in this scenario have been converted to civilian positions.

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 04/19/2005 5:55:14 PM, Report Created 4/20/2005 11:21:06 AM

Department : Army
 Scenario File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\EST 0062 v.6.10 - Avn Logistics - from Army TABS - 20 Apr 05\Aviation
 Option Pkg Name: Aviation Log (Ft Rucker)
 Std Fctrs File : D:\BRAC\COBRA\COBRA v6.10 19 Apr 05\BRAC2005.SPF

EUSTIS, VA (51281)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	13	414	46	0	0	473
NET CHANGE-Mil	0	-13	-414	-46	0	0	-473
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	2	129	17	0	0	148
NET CHANGE-Civ	0	-2	-129	-17	0	0	-148
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	18	1,556	215	0	0	1,789
NET CHANGE-Stu	0	-18	-1,556	-215	0	0	-1,789

RUCKER, AL (01760)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	11	321	59	0	0	391
Jobs Lost-Mil	0	9	391	25	0	0	425
NET CHANGE-Mil	0	2	-70	31	0	0	-37
Jobs Gained-Civ	0	5	224	27	0	0	256
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	5	224	27	0	0	256
Jobs Gained-Stu	0	18	1,556	215	0	0	1,789
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	18	1,556	215	0	0	1,789

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

E T-0062: Moves AVLOG

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

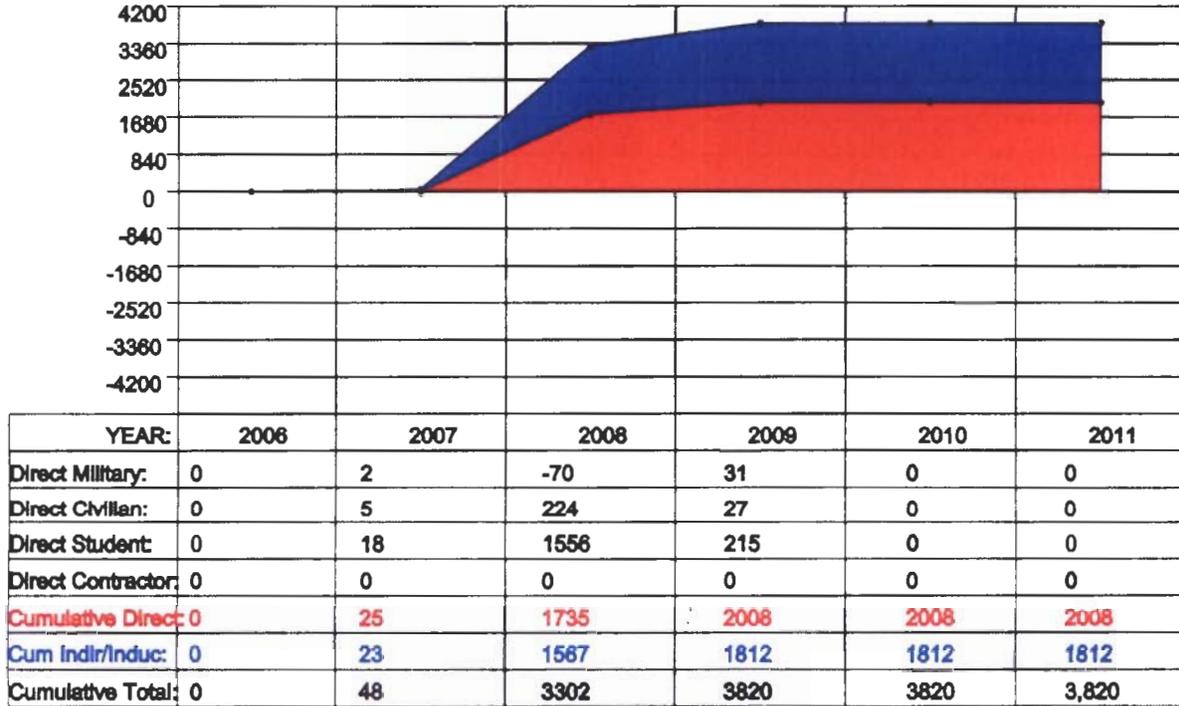
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
 Economic Region of Influence(ROI): Enterprise-Ozark, AL Micropolitan Statistical Area
 Base: All Bases
 Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

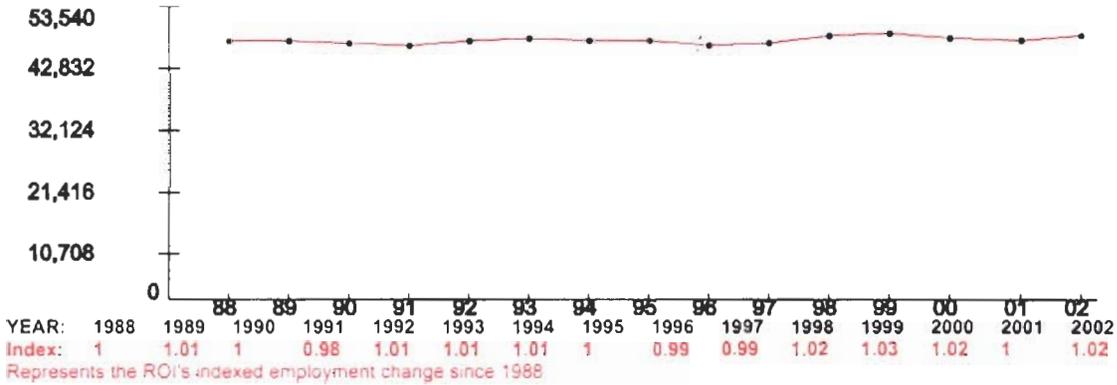
ROI Population (2002): 93,322
 ROI Employment (2002): 48,094
 Authorized Manpower (2005): 7,823
 Authorized Manpower(2005) / ROI Employment(2002): 16.27%
 Total Estimated Job Change: 3,820
 Total Estimated Job Change / ROI Employment(2002): 7.94%

Cumulative Job Change (Gain/Loss) Over Time:

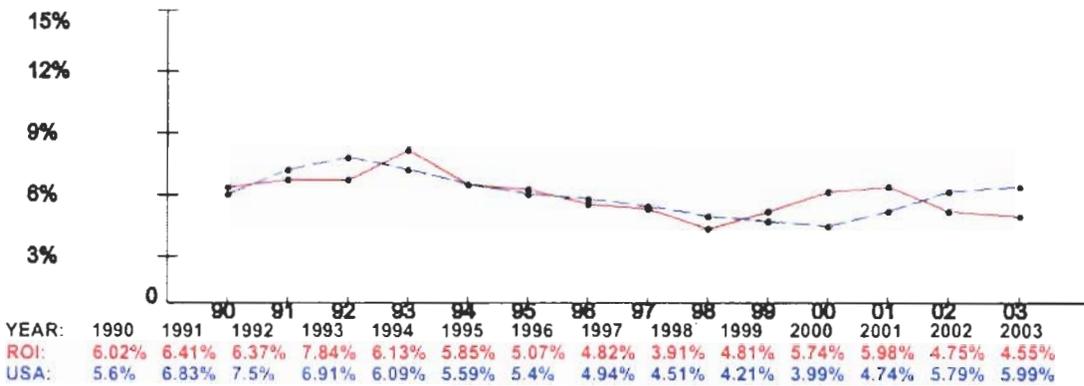


Enterprise-Ozark, AL Micropolitan Statistical Area Trend Data

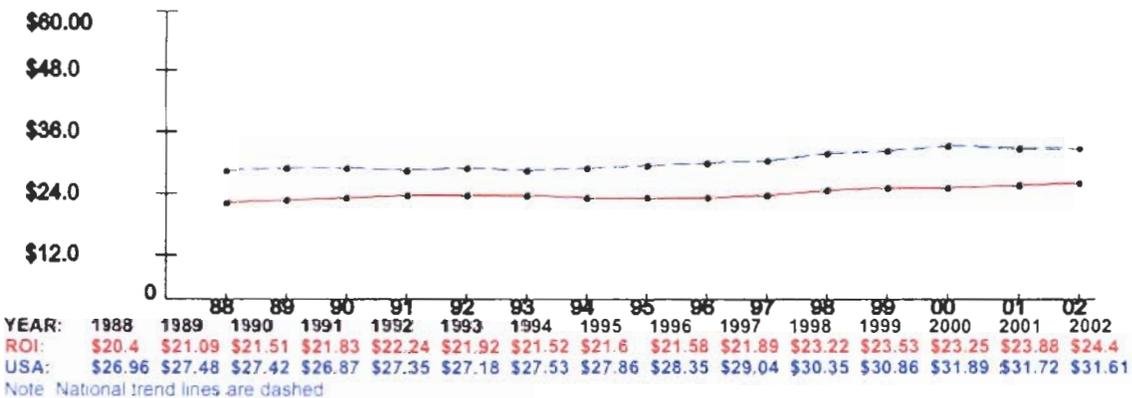
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



Deliberative Document - For Discussion Purposes Only - Do Not Release Under FOIA

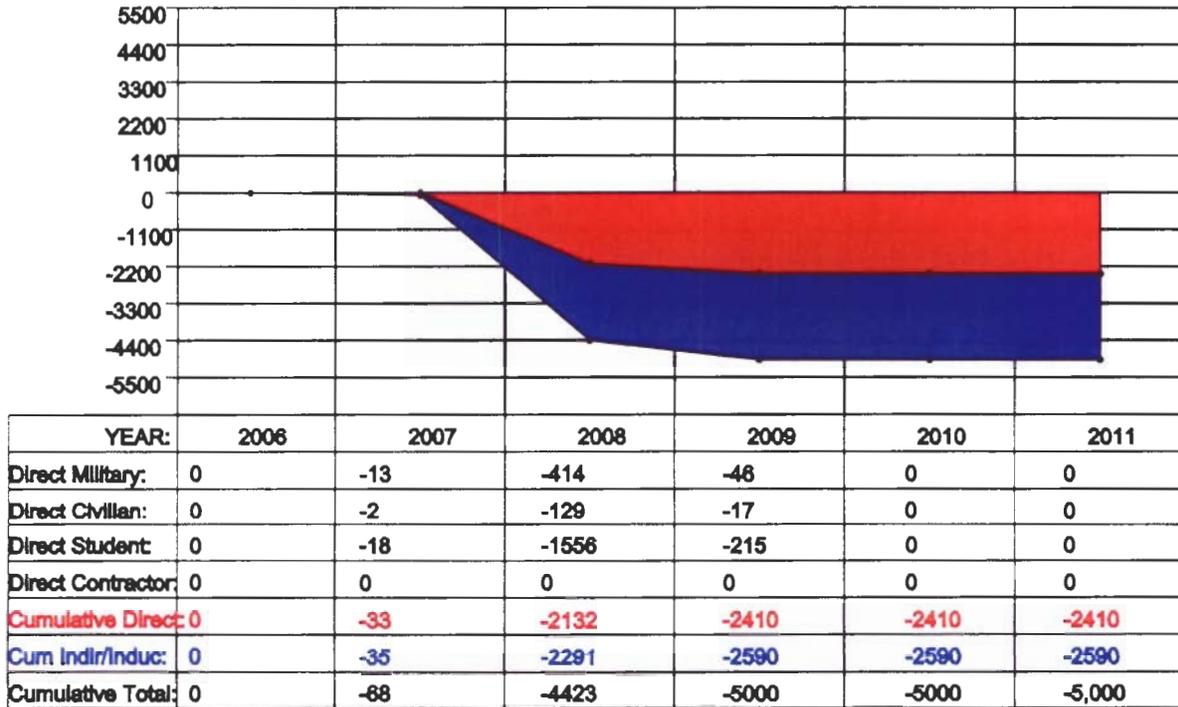
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
 Economic Region of Influence(ROI): Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area
 Base: All Bases
 Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

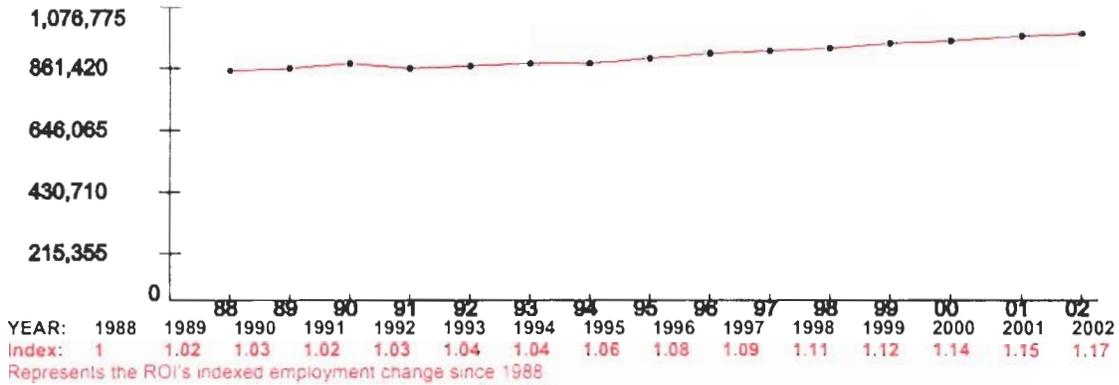
ROI Population (2002): 1,613,728
 ROI Employment (2002): 978,888
 Authorized Manpower (2005): 11,885
 Authorized Manpower(2005) / ROI Employment(2002): 1.21%
 Total Estimated Job Change: -5,000
 Total Estimated Job Change / ROI Employment(2002): -0.51%

Cumulative Job Change (Gain/Loss) Over Time:

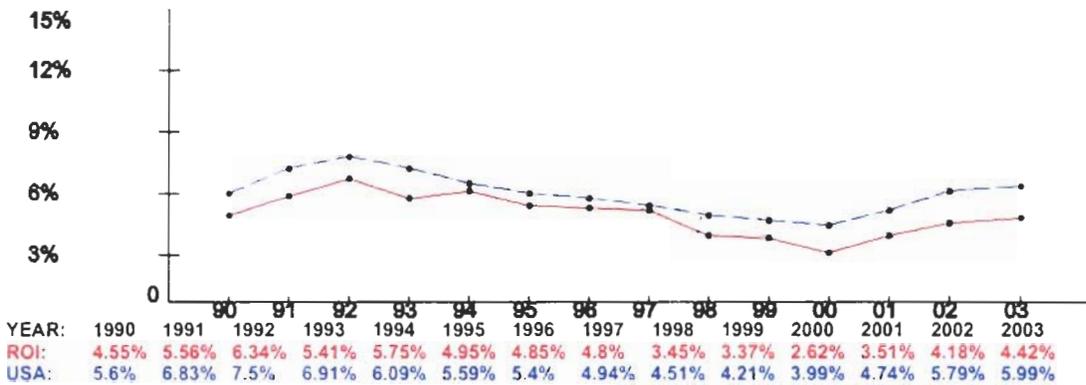


Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area Trend Data

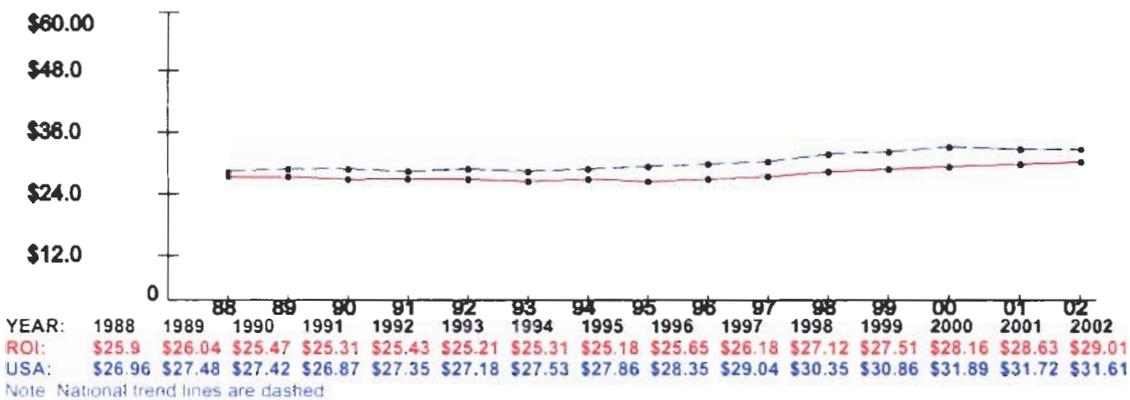
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



CRITERIA SEVEN EVALUATION TOOL

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

FORT EUSTIS, VA

Demographics

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

MSA	Population
Norfolk-VA Beach-Newport News MSA	1,569,541

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

County/City	Population
Gloucester	34780
Hampton	146437
James City	48102
Mathews	9207
Newport News	180150
Poquoson	11566
Williamsburg	11998
York	56297
Total	498,537

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 15

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)	\$42,448	Basis: MSA
Median House Value	(US Avg \$119,600)	\$110,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,074	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

FORT EUSTIS, VA

Demographics

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

MSA	Population
Norfolk-VA Beach-Newport News MSA	1,569,541

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

County/City	Population
Gloucester	34780
Hampton	146437
James City	48102
Mathews	9207
Newport News	180150
Poquoson	11566
Williamsburg	11998
York	56297
Total	498,537

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 15

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)	\$42,448	Basis: MSA
Median House Value	(US Avg \$119,600)	\$110,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,074	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

Education

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

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	292,261	12 of 12 districts
Students Enrolled	275,446	12 of 12 districts
Average Pupil/Teacher Ratio	15.6:1	12 of 12 districts
High School Students Enrolled	76,159	12 of 12 districts
Average High School Graduation Rate (US Avg 67.3%)	87.4%	12 of 12 districts
Average Composite SAT I Score (US Avg 1026)	889	12 of 12 districts
Average ACT Score (US Avg 20.8)	11	12 of 12 districts
Available Graduate/PhD Programs	14	
Available Colleges and/or Universities	6	
Available Vocational and/or Technical Schools	11	

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	3.4%	2.6%	3.5%	4.2%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

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

	1999	2000	2001	2002	2003
Local Data	.1%	1.3%	1.0%	1.8%	1.9%
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	41,676	Basis: MSA
Vacant Sale Units	7,856	
Vacant Rental Units	13,560	

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	3,599	2,936	1,569,541	Basis: MSA
Ratio	1:436	1:535		
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	4,479.0	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 EUSTIS to nearest commercial airport: 8.0 miles
Is FORT EUSTIS 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 RUCKER, AL

Demographics

The following tables provide a short description of the area near the installation/activity. FORT RUCKER is 93.8 miles from Montgomery, AL, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
DOTHAN, AL MSA	137,916

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

County/City	Population
Coffee	43615
Dale	49129
Geneva	25764
Henry	16310
Holmes	18564
Houston	88787
Total	242,169

Child Care

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

Cost of Living

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

Median Household Income	(US Avg \$41,994)	\$35,455	Basis: MSA
Median House Value	(US Avg \$119,600)	\$77,500	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 906	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

Education

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

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	41,112	10 of 10 districts
Students Enrolled	35,319	10 of 10 districts
Average Pupil/Teacher Ratio	15.9:1	10 of 10 districts
High School Students Enrolled	7,553	10 of 10 districts
Average High School Graduation Rate (US Avg 67.3%)	93.7%	10 of 10 districts
Average Composite SAT I Score (US Avg 1026)	52	10 of 10 districts
Average ACT Score (US Avg 20.8)	20	10 of 10 districts
Available Graduate/PhD Programs	2	
Available Colleges and/or Universities	6	
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	4.1%	4.9%	4.5%	4.6%	4.5%
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	.0%	.3%	-.1%	-1.5%	3.2%
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	6,638	Basis: MSA
Vacant Sale Units	943	
Vacant Rental Units	2,655	

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	Basis: 6 of 6 counties
Local Community	323	673	137,916	
Ratio	1:427	1:205		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

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

Local UCR	3,062.6	Basis: 6 of 6 counties
National UCR	4,118.8	

Transportation

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

Distance from FORT RUCKER to nearest commercial airport: 20.0 miles

Is FORT RUCKER served by regularly scheduled public transportation? No

Utilities

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

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

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

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.

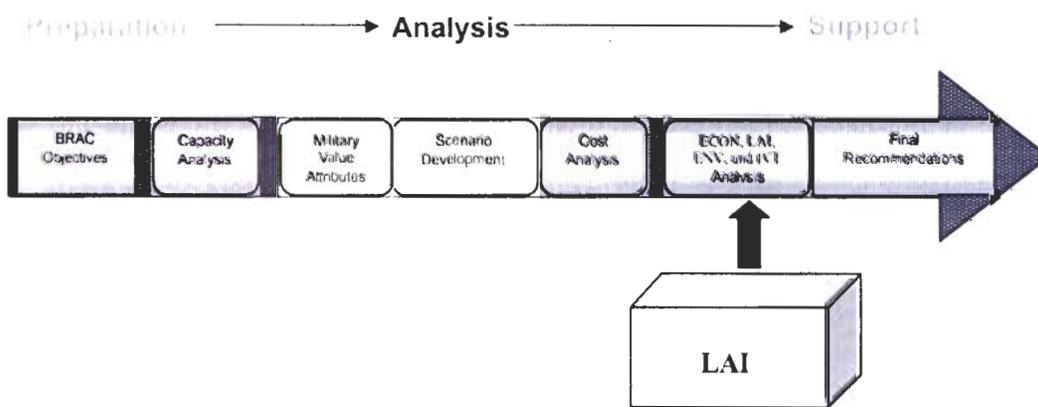


Figure M-1. TABS Process

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.

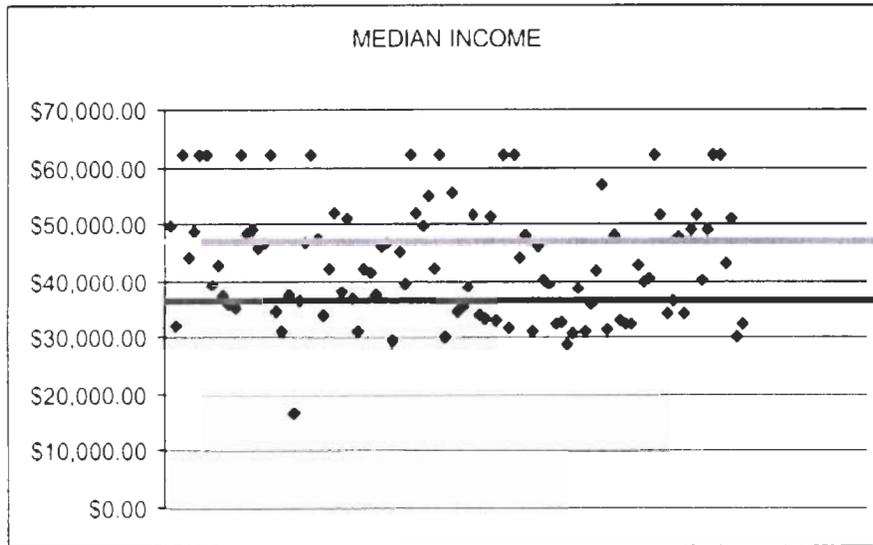
- **Safety:** The community Uniform Crime Reports (UCR) Index per 100,000 persons. If community cannot be determined, then the state average is considered.
- **Transportation:** The distance to the closest airport that provides regularly scheduled commercial airline service and checking to see whether 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	Losing Installation	Gaining Installation	Risk Evaluation
	FORT B	FORT A	HIGH
Child Care	2	3	DECLINE
Housing	2	2	SUSTAIN
Cost of Living	3	2	IMPROVE
Education	2	2	SUSTAIN
Employment	2	3	DECLINE
Medical Health	1	3	DECLINE
Safety	2	3	DECLINE
Population Center	1	3	DECLINE
Transportation	2	3	DECLINE
Utilities	2	3	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 JCSCGs 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-0062V3 TITLE: E&T-0062V3 AVN LOG TO RUCKER

GENERAL DESCRIPTION: Moves the Aviation Log School from Fort Eustis to Fort Rucker. Fort Eustis loses approximately 2,500 personnel. Proposal moves approximately 1,500 personnel and constructs approximately 2,500,000 SF new MILCON to Ft Rucker.

ANALYST: _____

LAST UPDATE: 26 APRIL 2005

Env Resource Area	<i>Gaining Installation Assessment</i> Inst Name: Fort Rucker	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact. Installation is in attainment for all criteria pollutants. Additional operations appear to be within operating permit buffers.	#213 – Installation is in attainment area for all criteria pollutants. #211 – Major Source thresholds not projected to be exceeded (based on 20% of emissions at Ft Eustis). #220 -Major Operating Permit held #218/ISR2 - No mission impact indicated.
Cultural/Archeological/Tribal Resources	10 arch/cultural resources, but no restrictions to tng/operations/construction. Due to interest from Native American tribes, a potential impact may occur as a result of increased time delays and negotiated restrictions. Also resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs since there is no Programmatic Agreement in place. Likely no impact due to sufficient buildable acres to accommodate new construction.	#229- No limitations to fee simple ownership #230, 10 arch resources (pre-historic Indian camp sites), but no restrictions to training/operations reported 231-No Native People sites 232 – No areas with high potential for archaeological resources identified. #233, 100% surveyed #234 - No tribes assert interest #236 - No programmatic agreement ISR2 - no adverse impact to mission.
Dredging	No Impact	#228 - No impacts to dredging expected w/ proposal.
Land Use Constraints/Sensitive Resources	No Impact	Buildable Acres –approximately 800 req'd, (based on 1 large school) approx 1,141 acres available. #201, 254, 256 - no restr., no SRAs
Marine Mammals/Marine Resources	No Impact	
Noise	No Impact	#239 - No noise contours off-installation. ISR II – No impacts to missions due to noise restrictions
Threatened & Endangered Species/Critical Habitat	No Impact. TES include American Alligator, but no restrictions in place.	#259 lists American Alligator as TES but no restrictions #260-264 - No critical habitat/ no biological opinions/candidate species ISR2 shows no impact.
Waste Management	No Impact	#269 No RCRA Subpart X Permit, none needed since AV Log school does not need to manage waste munitions

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Water Resources</p>	<p>No impact.</p>	<p>#276 – Not over sole source aquifer #279 – No discharges to imp waterways #276,278 - No restrictions IREM – infrastructure can support 20,000 additional personnel #822 - Dom & Ind ww treatment plant #291-1 On Military Installation Gov't Owned Plant for potable water #297-2 On Military Installation Gov't Owned Plants for sewage treatment #282- 2 On Military Installation Gov't Owned Plants for industrial wastewater</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wetlands</p>	<p>Wetlands already restrict operations. Additional operations may impact wetlands, which may lead to operations that are restricted. Likely no impact due to sufficient buildable acres to accommodate new construction.</p>	<p>#251 -survey completed 12/95 #257 – 5.9% wetland restricted acres, with normal restrictions (constr, dredging, tng).</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)
SCENARIO # E&T-0062V3

Env Resource Area	<i> Losing Installation Assessment</i> Inst Name: Ft Eustis	Analyst Comments (& data source(s) that drive assessment)
Air Quality	None.	Impacts to losing installations are considered neutral or positive for all environmental areas.
Cultural/ Archeological Resources	None.	
Dredging	None.	
Land Use Constraints/Sensitive Resource Areas	None.	
Marine Mammals/ Marine Resources / Marine Sanctuaries	None.	
Noise	None.	
Threatened & Endangered Species/ Critical Habitats	None.	
Waste Management	None.	
Water Resources	None.	
Wetlands	None.	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO # E&T-0062V3

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Ft Rucker	Losing Installation Inst Name: Ft Eustis
Environmental Restoration*	None.	None. Installation is not closing.
Waste Management	None.	None.
Environmental Compliance	-Conduct Tribal gov't-to-gov't meetings\$500-\$2,000 per meeting -Develop PA -\$10K -Endangered Species Management (includes monitoring) \$20K-\$2M -Re-alignment NEPA (EA) - \$400K.	None.
COBRA Costs:	NEPA (EA) - \$400K.	None.

INSTALLATION ENVIRONMENTAL PROFILE
FORT RUCKER

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

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

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

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

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. FORT RUCKER 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 RUCKER reports that 999 unconstrained acres are available for development out of 62972 total acres. FORT RUCKER has spent \$8.8000000000000007M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$10M. FORT RUCKER has Explosive Safety Quantity Distance Arcs, none 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 RUCKER 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 RUCKER does not have noise contours that extend off the installation's property. It does not have published noise abatement procedures for the main installation. It does not have published noise abatement procedures for the training and/or RDT&E range. It has noise contours that extend off of auxiliary airfield property. Of the 125191 acres that extend to off-auxiliary field property, 148 acres have incompatible land uses. It does not have published noise abatement procedures for the auxiliary airfield.

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

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

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

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.

- d. FORT RUCKER does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF). FORT RUCKER does not have an interim or final RCRA Part X facility. FORT RUCKER does not have an on-base solid waste disposal facility.

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

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.

- b. FORT RUCKER does not discharge to an impaired waterway. Groundwater contamination is not reported. Surface water contamination is reported. The state requires permits for the withdrawal of groundwater.

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

FORT RUCKER has 4996 Acre-Feet of surplus water potentially available for expansion. On average, it uses 2.0895329999999999 MGD of potable and non-potable water, with the capacity to produce 5.18255 MGD. It processed on average 0 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 4 MGD. It processed on average 2.1000000000000001 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 4 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 RUCKER reported 5.9% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE
FORT EUSTIS

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 EUSTIS is in Marginal Maintenance for Ozone (1 hr). FORT EUSTIS is proposed to be in Nonattainment for Ozone (8 hour). It holds 2 CAA Synthetic Minor Operating Permits. No emission credit program available. No SIP growth allowance has been allocated for this installation. FORT EUSTIS is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS.

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

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

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. FORT EUSTIS has no impediments to dredging. It has spoil disposal site(s) with 1300000 CY of capacity remaining.

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 EUSTIS reports that 675 unconstrained acres are available for development out of 9679 total acres. FORT EUSTIS has spent \$42.199999999999996M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$7M. FORT EUSTIS 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. It reports constraints associated with other factors.

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

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

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. FORT EUSTIS reported that federally-listed TES are present that have delayed or diverted operations/training/testing, candidate species are not present, critical habitat is present that do not restrict operations, and the installation 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 EUSTIS does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF) . FORT EUSTIS does not have an interim or final RCRA Part X facility . FORT EUSTIS does not have an on-base solid waste disposal facility .

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

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. FORT EUSTIS 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 following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
FORT EUSTIS has 11037.4 Acre-Feet of surplus water potentially available for expansion. On average, it uses 1.7436 MGD of potable and non-potable water, with the capacity to produce 11.332799999999999 MGD. It processed on average 1.46 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 6.0999999999999996 MGD. It processed on average 0.08 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 6.0999999999999996 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 EUSTIS reported 25% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.