

COBRA Results

COBRA results were based on available data provided to the MJCSG by the Navy and Air Force as of 11 March 2005. In the case of MILCON, the MJCSG developed its own estimates for certain values. Due to the late requirement to develop recommendation MED-0057 as an enabler to TECH-009 and associated time constraints, the Navy and Air Force were unable to provide fully certified data to the MJCSG in time to complete the analysis. With the exception of costs for Environmental non-MILCON costs, all costs were developed from uncertified data provided directly to MJCSG subject matter experts by the Naval Health Research Center Electro-Magnetic Energy Detachment (NHRC EMR DET), or from field-certified data provided verbally to the MJCSG by the Navy BRAC office. Although no certified Navy or Air Force data was available, the Navy BRAC office has verbally informed MJCSG analysts that the activity-level data contained in the MJCSG analysis is fully expected to be certified by 14 Mar 05. The only deviation from Navy data is that the Navy analysts assumed that the move would be completed in FY08, whereas the scenario specified that the move would be completed in FY09 -- the MJCSG has adjusted all personnel moves and costs to occur in FY09, consistent with the scenario description. The Air Force was unable to complete an analysis of the scenario with respect to installation-level costs at the losing and receiving sites, and reserves the right to re-analyze/validate their results prior to candidate becoming a final recommendation. The Air Force did, however, complete and certify a Criterion 8 analysis identifying Environmental non-MILCON Requirements, based on the Navy's activity-level data. The following provides complete results of the COBRA analysis; additional explanations of Service or MJCSG-developed data are described in the footnotes contained in the COBRA Input Data Report section of the COBRA output.

SCENARIO ERROR REPORT (COBRA v6.08)
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Department :
Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar
05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

SCENARIO DATA:

No Department was specified for this scenario.
Brooks City-Base's Sustainment Non-Payroll (Total Sust-Sust Pay) is -532\$K

OVERHEAD/SUSTAINMENT:

Brooks City-Base had a Sustainment budget of \$0 with 1,585 KSF of facilities.

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.08) - Page 1/2
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Starting Year : 2006
Final Year : 2009
Payback Year : Never

NPV in 2025(\$K): 6,281
1-Time Cost(\$K): 6,544

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	472	0	5,250	0	0	0	5,723	0
Person	0	0	0	82	8	8	99	8
Overhd	35	26	109	24	0	0	195	0
Moving	0	0	0	518	0	0	518	0
Missio	0	0	0	4	0	0	4	0
Other	48	50	0	13	3	3	116	3
TOTAL	555	76	5,359	641	11	11	6,655	11

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

POSITIONS REALIGNED							
Off	0	0	0	3	0	0	3
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	15	0	0	15
TOT	0	0	0	18	0	0	18

Summary:

RECOMMENDATION: Realign Brooks City Base by relocating the Naval Health Research Center Electro-Magnetic Energy Detachment (NHRC EMR DET) from Brooks City-Base TX to Wright Patterson AFB, OH for co-location with the Air Force Research Lab, Human Effectiveness Division. Activation is contingent upon approval of TECH-0009.

DATA SOURCES: Due to the late requirement to develop recommendation MED-0057 as an enabler to TECH-009 and associated time constraint, all costs for 11 Mar 05 COBRA analysis were developed from uncertified data provided directly to MJCSG subject matter expert by NHRC EMR DET, or field-certified data provided verbally to the MJCSG by the Navy BRAC office. Although no certified Navy or Air Force data was available, the Navy BRAC office has verbally informed MJCSG analysts that the activity-level data contained in the MJCSG analysis is fully expected to be certified by 14 Mar 05. The only deviation from Navy data is that the Navy analysts assumed that the move would be completed in FY08, whereas the scenario specified that the move would be completed in FY09 -- the MJCSG has adjusted all personnel moves and costs to occur in FY09, consistent with the scenario description. The Air Force was unable to complete an analysis of the scenario with respect to installation-level costs at the losing and receiving sites, and reserves the right to re-analyze/validate their results prior to candidate becoming a final recommendation. The Air Force did, however, complete and certify a Criterion 8 analysis identifying Environmental non-MILCON Requirements, based on the Navy's activity-level data. The Air Force Criterion 8 analysis is contained in the certified file named 'MED0057-Criterion8-SSEI.doc' dated 11 March 05.

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.08) - Page 2/2
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Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	472	0	5,250	0	0	0	5,723	0
Person	0	0	0	110	36	36	181	36
Overhd	35	26	109	209	185	185	749	185
Moving	0	0	0	531	0	0	531	0
Missio	0	0	0	4	0	0	4	0
Other	48	50	0	13	3	3	116	3
TOTAL	555	76	5,359	866	223	223	7,304	223

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	27	27	27	82	27
Overhd	0	0	0	185	185	185	554	185
Moving	0	0	0	12	0	0	12	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	0	0	225	212	212	649	212

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.08) - Page 1/3
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(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	5,722,771	
Total - Construction		5,722,771
Personnel		
Civilian RIF	57,398	
Civilian Early Retirement	11,989	
Eliminated Military PCS	0	
Unemployment	4,451	
Total - Personnel		73,838
Overhead		
Program Management Cost	95,863	
Support Contract Termination	0	
Mothball / Shutdown	8,959	
Total - Overhead		104,823
Moving		
Civilian Moving	413,399	
Civilian PPP	0	
Military Moving	20,985	
Freight	44,393	
Information Technologies	3,000	
One-Time Moving Costs	49,000	
Total - Moving		530,778
Other		
HAP / RSE	0	
Environmental Mitigation Costs	98,000	
Mission Contract Startup and Termination	3,800	
One-Time Unique Costs	10,000	
Total - Other		111,800

Total One-Time Costs		6,544,010

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	12,565	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		12,565

Total Net One-Time Costs		6,531,446

COBRA ONE-TIME COST REPORT (COBRA v6.08) - Page 2/3
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Base: Brooks City-Base, TX (CNBC)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	57,398	
Civilian Early Retirement	11,989	
Eliminated Military PCS	0	
Unemployment	4,451	
Total - Personnel		73,838
Overhead		
Program Management Cost	95,863	
Support Contract Termination	0	
Mothball / Shutdown	8,959	
Total - Overhead		104,823
Moving		
Civilian Moving	413,399	
Civilian PPP	0	
Military Moving	20,985	
Freight	44,393	
Information Technologies	3,000	
One-Time Moving Costs	49,000	
Total - Moving		530,778
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	3,800	
One-Time Unique Costs	10,000	
Total - Other		13,800

Total One-Time Costs		723,239

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	12,565	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		12,565

Total Net One-Time Costs		710,675

COBRA ONE-TIME COST REPORT (COBRA v6.08) - Page 3/3
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Base: Wright-Patterson AFB, OH (ZHTV)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	5,722,771	
Total - Construction		5,722,771
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	98,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		98,000

Total One-Time Costs		5,820,771

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		5,820,771

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 1/9
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ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	472	0	5,250	0	0	0	5,723
O&M							
CIV SALARY							
Civ RIF	0	0	0	57	0	0	57
Civ Retire	0	0	0	12	0	0	12
CIV MOVING							
Per Diem	0	0	0	43	0	0	43
POV Miles	0	0	0	3	0	0	3
Home Purch	0	0	0	169	0	0	169
HHG	0	0	0	78	0	0	78
Misc	0	0	0	12	0	0	12
House Hunt	0	0	0	34	0	0	34
PPP	0	0	0	0	0	0	0
RITA	0	0	0	73	0	0	73
FREIGHT							
Packing	0	0	0	1	0	0	1
Freight	0	0	0	43	0	0	43
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	4	0	0	4
OTHER							
Info Tech	0	0	0	3	0	0	3
Prog Manage	35	26	20	15	0	0	96
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	9	0	0	9
1-Time Move	0	0	0	49	0	0	49
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	1	0	0	1
POV Miles	0	0	0	1	0	0	1
HHG	0	0	0	16	0	0	16
Misc	0	0	0	3	0	0	3
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	48	50	0	0	0	0	98
Misn Contract	0	0	0	4	0	0	4
1-Time Other	0	0	0	10	0	0	10
TOTAL ONE-TIME	555	76	5,270	642	0	0	6,544

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 2/9
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RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	42	42	42	42	169	42
Recap	0	0	47	47	47	47	189	47
BOS	0	0	0	95	95	95	287	95
Civ Salary	0	0	0	10	10	10	30	10
TRICARE	0	0	0	3	3	3	8	3
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	26	26	26	78	26
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	89	223	223	223	760	223
TOTAL COST	555	76	5,359	862	223	223	7,300	223
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$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	0	0	12	0	0	12	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	12	0	0	12	
RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-7	-7	-7	-20	-7
Recap	0	0	0	35	35	35	105	35
BOS	0	0	0	88	88	88	265	88
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	27	27	27	82	27
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	68	68	68	204	68
TOTAL RECUR	0	0	0	212	212	212	636	212
TOTAL SAVINGS	0	0	0	225	212	212	649	212

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 3/9
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ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	472	0	5,250	0	0	0	5,723	
O&M								
Civ Retir/RIF	0	0	0	69	0	0	69	
Civ Moving	0	0	0	458	0	0	458	
Info Tech	0	0	0	3	0	0	3	
Other	35	26	20	77	0	0	158	
MIL PERSONNEL								
Mil Moving	0	0	0	8	0	0	8	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	48	50	0	0	0	0	98	
Misn Contract	0	0	0	4	0	0	4	
1-Time Other	0	0	0	10	0	0	10	
TOTAL ONE-TIME	555	76	5,270	630	0	0	6,433	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	42	49	49	49	189	49
Recap	0	0	47	12	12	12	84	12
BOS	0	0	0	7	7	7	21	7
Civ Salary	0	0	0	10	10	10	30	10
TRICARE	0	0	0	3	3	3	8	3
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	-1	-1	-1	-4	-1
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	-68	-68	-68	-204	-68
TOTAL RECUR	0	0	89	11	11	11	123	11
TOTAL NET COST	555	76	5,359	637	11	11	6,651	11

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Base: Brooks City-Base, TX (CNBC)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	----	----	----	----	----	----	-----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	57	0	0	57
Civ Retire	0	0	0	12	0	0	12
CIV MOVING							
Per Diem	0	0	0	43	0	0	43
POV Miles	0	0	0	3	0	0	3
Home Purch	0	0	0	169	0	0	169
HHG	0	0	0	78	0	0	78
Misc	0	0	0	12	0	0	12
House Hunt	0	0	0	34	0	0	34
PPP	0	0	0	0	0	0	0
RITA	0	0	0	73	0	0	73
FREIGHT							
Packing	0	0	0	1	0	0	1
Freight	0	0	0	43	0	0	43
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	4	0	0	4
OTHER							
Info Tech	0	0	0	3	0	0	3
Prog Manage	35	26	20	15	0	0	96
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	9	0	0	9
1-Time Move	0	0	0	49	0	0	49
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	1	0	0	1
POV Miles	0	0	0	1	0	0	1
HHG	0	0	0	16	0	0	16
Misc	0	0	0	3	0	0	3
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	4	0	0	4
1-Time Other	0	0	0	10	0	0	10
TOTAL ONE-TIME	35	26	20	642	0	0	723

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Base: Brooks City-Base, TX (CNBC)								
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	35	26	20	642	0	0	723	0
ONE-TIME SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
-----(\$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	0	0	12	0	0	12	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	12	0	0	12	
RECURRINGSAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-7	-7	-7	-20	-7
Recap	0	0	0	35	35	35	105	35
BOS	0	0	0	88	88	88	265	88
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	27	27	27	82	27
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	68	68	68	204	68
TOTAL RECUR	0	0	0	212	212	212	636	212
TOTAL SAVINGS	0	0	0	225	212	212	649	212

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 6/9
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Department :
 Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Brooks City-Base, TX (CNBC)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	69	0	0	69	
Civ Moving	0	0	0	458	0	0	458	
Info Tech	0	0	0	3	0	0	3	
Other	35	26	20	77	0	0	158	
MIL PERSONNEL								
Mil Moving	0	0	0	8	0	0	8	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	4	0	0	4	
1-Time Other	0	0	0	10	0	0	10	
TOTAL ONE-TIME	35	26	20	630	0	0	711	
RECURRING NET								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M	0	0	0	0	0	0	0	0
Sustainment	0	0	0	7	7	7	20	7
Recap	0	0	0	-35	-35	-35	-105	-35
BOS	0	0	0	-88	-88	-88	-265	-88
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	-27	-27	-27	-82	-27
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	-68	-68	-68	-204	-68
TOTAL RECUR	0	0	0	-212	-212	-212	-636	-212
TOTAL NET COST	35	26	20	414	-212	-212	70	-212

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 7/9
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 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Wright-Patterson AFB, OH (ZHTV)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----							
CONSTRUCTION							
MILCON	472	0	5,250	0	0	0	5,723
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	48	50	0	0	0	0	98
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	520	50	5,250	0	0	0	5,821

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 8/9
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 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Wright-Patterson AFB, OH (ZHTV)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRINGCOSTS								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	42	42	42	42	169	42
Recap	0	0	47	47	47	47	189	47
BOS	0	0	0	95	95	95	287	95
Civ Salary	0	0	0	10	10	10	30	10
TRICARE	0	0	0	3	3	3	8	3
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	26	26	26	78	26
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	89	223	223	223	760	223
TOTAL COSTS	520	50	5,340	223	223	223	6,581	223
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$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	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.08) - Page 9/9
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 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Wright-Patterson AFB, OH (ZHTV)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	472	0	5,250	0	0	0	5,723	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	48	50	0	0	0	0	98	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	520	50	5,250	0	0	0	5,821	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	42	42	42	42	169	42
Recap	0	0	47	47	47	47	189	47
BOS	0	0	0	95	95	95	287	95
Civ Salary	0	0	0	10	10	10	30	10
TRICARE	0	0	0	3	3	3	8	3
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	26	26	26	78	26
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	89	223	223	223	760	223
TOTAL NET COST	520	50	5,340	223	223	223	6,581	223

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.08)
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Department :
Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Personnel					
Base	Start*	Finish*	Change	%Change	
Brooks City-Base	2,426	2,408	-18	-1%	
Wright-Patterson AFB	15,885	15,903	18	0%	
TOTAL	18,311	18,311	0	0%	

Square Footage					
Base	Start	Finish	Change	%Change	Chg/Per
Brooks City-Base	1,585,000	1,565,090	-19,910	-1%	1,106
Wright-Patterson AFB	13,341,000	13,362,158	21,158	0%	1,175
TOTAL	14,926,000	14,927,248	1,248	0%	0

Base Operations Support (2005\$)					
Base	Start*	Finish*	Change	%Change	Chg/Per
Brooks City-Base	26,837,314	26,748,807	-88,507	0%	4,917
Wright-Patterson AFB	100,469,454	100,565,053	95,599	0%	5,311
TOTAL	127,306,768	127,313,860	7,092	0%	0

Sustainment (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Brooks City-Base	-531,958	-525,276	6,682	-1%	-371
Wright-Patterson AFB	29,545,343	29,587,621	42,278	0%	2,349
TOTAL	29,013,385	29,062,345	48,960	0%	0

Recapitalization (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Brooks City-Base	2,789,472	2,754,432	-35,040	-1%	1,947
Wright-Patterson AFB	33,360,037	33,407,220	47,183	0%	2,621
TOTAL	36,149,509	36,161,652	12,143	0%	0

Sustain + Recap + BOS (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Brooks City-Base	29,094,828	28,977,964	-116,865	0%	6,492
Wright-Patterson AFB	163,374,834	163,559,894	185,060	0%	10,281
TOTAL	192,469,662	192,537,858	68,196	0%	0

Plant Replacement Value (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Brooks City-Base	337,526,171	333,286,331	-4,239,840	-1%	235,547
Wright-Patterson AFB	4,036,564,439	4,042,273,622	5,709,183	0%	317,177
TOTAL	4,374,090,610	4,375,559,953	1,469,343	0%	0

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.08) - Page 2
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Department :
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05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

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

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.08)
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 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
-----	-----	-----	-----
Brooks City-Base	0	0	0
Wright-Patterson AFB	5,722,771	0	5,722,771
-----	-----	-----	-----
Totals:	5,722,771	0	5,722,771

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

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.08) - Page 2
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 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

MilCon for Base: Wright-Patterson AFB, OH (ZHTV)

All values in 2005 Constant Dollars (\$K)

Total FAC Title Cost*	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*
-----	----	-----	-----	-----	-----
-					
3102 Medical Research Laboratory 5,558	SF	20,358	n/a**	0 Default	n/a**
3211 RDT&E Technical Service Facility 120	SF	800	120	0 Default	0
1131 Aircraft Apron, Surfaced 44	SY	400	44	0 Default	0

-					
5,723				Total Construction Cost:	
0				- Construction Cost Avoid:	
-				-----	
5,723				Total Net Milcon Cost:	

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

**No New Milcon / Rehabilitation Cost breakdown is available if Total Cost was entered by the user.

COBRA NET PRESENT VALUES REPORT (COBRA v6.08)

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Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB

Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
-----	-----	-----	-----
2006	555,581	547,032	547,032
2007	76,294	72,826	619,858
2008	5,359,430	4,959,588	5,579,445
2009	640,935	575,005	6,154,451
2010	11,334	9,857	6,164,308
2011	11,334	9,556	6,173,864
2012	11,334	9,264	6,183,129
2013	11,334	8,981	6,192,111
2014	11,334	8,707	6,200,818
2015	11,334	8,441	6,209,259
2016	11,334	8,183	6,217,443
2017	11,334	7,934	6,225,376
2018	11,334	7,691	6,233,068
2019	11,334	7,456	6,240,524
2020	11,334	7,229	6,247,753
2021	11,334	7,008	6,254,761
2022	11,334	6,794	6,261,555
2023	11,334	6,586	6,268,142
2024	11,334	6,385	6,274,527
2025	11,334	6,190	6,280,718

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.08) - Page 1/3
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	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	----
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	15	0	0	15
Early Retirement*	8.10%	0	0	0	1	0	0	1
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	1	0	0	1
Civs Not Moving (RIFs)*	6.00%	0	0	0	1	0	0	1
Civilians Moving (the remainder)		0	0	0	12	0	0	12
Civilian Positions Available		0	0	0	3	0	0	3
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	15	0	0	15
Civilians Moving		0	0	0	12	0	0	12
New Civilians Hired		0	0	0	3	0	0	3
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	1	0	0	1
TOTAL CIVILIAN RIFS		0	0	0	1	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	3	0	0	3

* 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 IMPACT REPORT (COBRA v6.08) - Page 2/3
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Department :
 Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Brooks City-Base, TX (CNBC)Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	15	0	0	15
Early Retirement*	8.10%	0	0	1	0	0	1
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	1	0	0	1
Civs Not Moving (RIFs)*	6.00%	0	0	1	0	0	1
Civilians Moving (the remainder)		0	0	12	0	0	12
Civilian Positions Available		0	0	3	0	0	3
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	1	0	0	1
TOTAL CIVILIAN RIFS		0	0	1	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0

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

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

COBRA PERSONNEL IMPACT REPORT (COBRA v6.08) - Page 3/3

Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :

Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR

Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB

Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Wright-Patterson AFB, OH (ZHTV)Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	0	0	15	0	0	15
Civilians Moving		0	0	12	0	0	12
New Civilians Hired		0	0	3	0	0	3
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	3	0	3

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

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

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.08)
 Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :
 Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Base: Brooks City-Base, TX (CNBC)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	50.00%	0	0.00%	0.00%
2007	0	0.00%	25.00%	0	0.00%	0.00%
2008	0	0.00%	25.00%	0	0.00%	0.00%
2009	0	0.00%	0.00%	18	100.00%	100.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	18	100.00%	100.00%

Base: Wright-Patterson AFB, OH (ZHTV)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	0.00%	0	0.00%	16.67%
2008	0	0.00%	100.00%	0	0.00%	16.67%
2009	18	100.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	18	100.00%	100.00%	0	0.00%	100.00%

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.08)
 Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :
 Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

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

Officers	Enlisted	Students	Civilians
2,815	3,196	180	12,120

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	3	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	18	0	0	18

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

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

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
2,815	3,196	180	12,120

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.08) - Page 2
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Department :
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 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Brooks City-Base, TX (CNBC)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Brooks City-Base, TX (CNBC)			
Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
427	668	152	1,179

PERSONNEL REALIGNMENTS:

To Base: Wright-Patterson AFB, OH (ZHTV)

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
Officers	0	0	0	3	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	18	0	0	18

TOTAL PERSONNEL REALIGNMENTS (Out of Brooks City-Base, TX (CNBC)):

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
Officers	0	0	0	3	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	18	0	0	18

BASE POPULATION (After BRAC Action) FOR: Brooks City-Base, TX (CNBC)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
424	668	152	1,164

PERSONNEL SUMMARY FOR: Wright-Patterson AFB, OH (ZHTV)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Wright-Patterson AFB, OH (ZHTV)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
2,388	2,528	28	10,941

PERSONNEL REALIGNMENTS:

From Base: Brooks City-Base, TX (CNBC)

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
Officers	0	0	0	3	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	18	0	0	18

TOTAL PERSONNEL REALIGNMENTS (Into Wright-Patterson AFB, OH (ZHTV)):

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----
Officers	0	0	0	3	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	18	0	0	18

BASE POPULATION (After BRAC Action) FOR: Wright-Patterson AFB, OH (ZHTV)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
2,391	2,528	28	10,956

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.08)
 Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :
 Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	42	49	49	49	189	49
Recap Change	0	0	47	12	12	12	84	12
BOS Change	0	0	0	7	7	7	21	7
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	89	68	68	68	294	68

Brooks City-Base, TX (CNBC)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	7	7	7	20	7
Recap Change	0	0	0	-35	-35	-35	-105	-35
BOS Change	0	0	0	-88	-88	-88	-265	-88
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	0	-117	-117	-117	-350	-117

Wright-Patterson AFB, OH (ZHTV)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	42	42	42	42	169	42
Recap Change	0	0	47	47	47	47	189	47
BOS Change	0	0	0	95	95	95	287	95
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	89	185	185	185	645	185

COBRA INPUT DATA REPORT (COBRA v6.08)

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INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

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

Base Name, ST (Code)	Strategy:
-----	-----
Brooks City-Base, TX (CNBC)	Realignment
Wright-Patterson AFB, OH (ZHTV)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

(Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----
Brooks City-Base, TX (CNBC)	Wright-Patterson AFB, OH (ZHTV)	1,244 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Brooks City-Base, TX (CNBC) to Wright-Patterson AFB, OH (ZHTV)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	0	3	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	0	15	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	20	0	0
Suppt Eqpt (tons):	0	0	0	28	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Brooks City-Base, TX (CNBC)

Total Officer Employees:	427	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	668	Total Sustainment (\$K/Year):	0
Total Student Employees:	152	Sustain Payroll (\$K/Year):	532
Total Civilian Employees:	1,179	BOS Non-Payroll (\$K/Year):	26,837
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	20,414
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	44
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	337,526
Starting Facilities(KSF):	1,585	Svc/Agcy Recap Rate (Years):	121
Officer BAH (\$/Month):	1,138	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	918		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.90		Admits Visits Prescrip
Per Diem Rate (\$/Day):	138	CostFactor	6,034.88 107.00 23.05
Freight Cost (\$/Ton/Mile):	0.16	Actv MTF	0 11,163 13,527
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	36 1,846
Latitude:	-98.440530	Retiree	0 5,025 15,775
Longitude:	29.343624	Retiree65+	0 480 8,503

COBRA INPUT DATA REPORT (COBRA v6.08) - Page 2
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 Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Wright-Patterson AFB, OH (ZHTV)

Total Officer Employees:	2,388	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	2,528	Total Sustainment (\$K/Year):	54,802
Total Student Employees:	28	Sustain Payroll (\$K/Year):	25,257
Total Civilian Employees:	10,941	BOS Non-Payroll (\$K/Year):	100,469
Accomp Mil not Receiving BAH:	10.8%	BOS Payroll (\$K/Year):	89,138
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	4,895
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	4,036,564
Starting Facilities(KSF):	13,341	Svc/Agcy Recap Rate (Years):	121
Officer BAH (\$/Month):	1,081	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	704		
Civ Locality Pay Factor:	1.120	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.96		Admits Visits Prescrip
Per Diem Rate (\$/Day):	107	CostFactor	5,767.77 89.23 14.74
Freight Cost (\$/Ton/Mile):	0.44	Actv MTF	1,247 139,459 138,428
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	308 20,005
Latitude:	-84.035764	Retiree	974 116,340 311,049
Longitude:	39.820750	Retiree65+	1,093 59,819 310,106

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Brooks City-Base, TX (CNBC)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	10	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	49	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	4	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	68	68	68
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%) :	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac	ShDn(KSF):	20	FH ShDn:	0.000%

COBRA INPUT DATA REPORT (COBRA v6.08) - Page 3

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 Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Wright-Patterson AFB, OH (ZHTV)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req(\$K):	48	50	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%) :	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: Wright-Patterson AFB, OH (ZHTV)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: Wright-Patterson AFB, OH (ZHTV)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
3102	SF	20,358	0 Default	5,558	256.80	4.24
3211	SF	800	0 Default	0	128.72	2.64
1131	SY	400	0 Default	0	94.44	0.90

COBRA INPUT DATA REPORT (COBRA v6.08) - Page 4

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STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

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

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
	-----	-----	-----	-----
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	3.15%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

COBRA INPUT DATA REPORT (COBRA v6.08) - Page 5

Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :
Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR
Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB
Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

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RECOMMENDATION: Realign Brooks City Base by relocating the Naval Health Research Center Electro-Magnetic Energy Detachment (NHRC EMR DET) from Brooks City-Base TX to Wright Patterson AFB, OH for co-location with the Air Force Research Lab, Human Effectiveness Division. Activation is contingent upon approval of TECH-0009.

DATA SOURCES: Due to the late requirement to develop recommendation MED-0057 as an enabler to TECH-009 and associated time constraint, all costs for 11 Mar 05 COBRA analysis were developed from uncertified data provided directly to MJCSG subject matter expert by NHRC EMR DET, or field-certified data provided verbally to the MJCSG by the Navy BRAC office. Although no certified Navy or Air Force data was available, the Navy BRAC office has verbally informed MJCSG analysts that the activity-level data contained in the MJCSG analysis is fully expected to be certified by 14 Mar 05. The only deviation from Navy data is that the Navy analysts assumed that the move would be completed in FY08, whereas the scenario specified that the move would be completed in FY09 -- the MJCSG has adjusted all personnel moves and costs to occur in FY09, consistent with the scenario description. The Air Force was unable to complete an analysis of the scenario with respect to installation-level costs at the losing and receiving sites, and reserves the right to re-analyze/validate their results prior to candidate becoming a final recommendation. The Air Force did, however, complete and certify a Criterion 8 analysis identifying Environmental non-MILCON Requirements, based on the Navy's activity-level data. The Air Force Criterion 8 analysis is contained in the certified file named 'MED0057-Criterion8-SSEI.doc' dated 11 March 05.

FOOTNOTES FOR SCREEN THREE

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BROOKS CITY BASE TO WRIGHT-PATTERSON AFB Table, Officer Positions: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates 3 authorized positions to be relocated.

BROOKS CITY BASE TO WRIGHT-PATTERSON AFB Table, Civilian Positions: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates 12 authorized positions to be relocated.

BROOKS CITY BASE TO WRIGHT-PATTERSON AFB Table, Non-Vehicle Mission Equipment: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates 20 tons of equipment to be moved.

BROOKS CITY BASE TO WRIGHT-PATTERSON AFB Table, Support Equipment: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates 28 tons of equipment to be moved.

FOOTNOTES FOR SCREEN FIVE

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BROOKS CITY BASE Dynamic Base Information, One-Time Unique Costs: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates a cost of \$10 K for replacement of simulated carrier deck.

BROOKS CITY BASE Dynamic Base Information, One-Time Moving Costs: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates a total cost of \$49 K broken out as follows: as follows: \$30K for disassembly and reassembly of 3 anechoic chambers, \$15 K for disassembly and reassembly of F/A-18 airframe, \$2 K for special packaging of a simulator display system, and \$2 K for special packaging of a high power laser system.

BROOKS CITY BASE Dynamic Base Information, Miscellaneous Contract Termination Costs: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates a cost of \$3.8 K for termination of a personnel services contract.

BROOKS CITY BASE Dynamic Base Information, Miscellaneous Recurring Savings: Field certified

COBRA INPUT DATA REPORT (COBRA v6.08) - Page 6

Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :

Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR

Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB

Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates a savings of \$68 K for reimbursible services.

BROOKS CITY BASE Dynamic Base Information, Facilities Shutdown: Field certified data verbally communicated to MJCSG by Navy BRAC office on 9 Mar 04 indicates a total facilities shutdown of 19.91 KSF.

WRIGHT-PATTERSON AFB Dynamic Base Information, Non-Environmental MILCON Required: Air Force certified data estimated \$48 K in 2006 for NEPA cost, and \$50 K in 2007 for Air Conformity Analysis.

FOOTNOTES FOR SCREEN SEVEN

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WRIGHT-PATTERSON AFB: All space requirements based on current square footage provided by NHRC EMR DET thru BUMED to MJCSG subject matter expert (see file 'NHRC DET DEBL MED-0057.doc'). Costs for Medical Research Laboratory (including 6,694 GSF laboratory, 2,048 GSF animal holding, 5,798 GSF administration, 1,618 classified storage and conference room, and 4,200 GSF storage space, administrative, and storage space) developed developed using MJCSG cost factors for construction in the National Capital Region (\$390/GSF for laboratory space, assuming BSL-2 type space; \$475/GSF for non-primate animal holding, and \$170/SF for administrative, storage, and other spaces identified). Total cost calculated Medical Research Laboratory using preceding cost factors was adjusted for Wright-Patterson AFB area, using ratio of Wright-Patterson AFB area cost factor to National Capital Region area cost factor of 1.09 as contained in COBRA static base information. Workshop space requirement identified by NHRC Detachment (800 SF) assumed to be FAC 3211 (RDT&E Technical Facility); Outdoor Ground Plane Simulated Carrier Deck facility requirement identified by NHRC Detachment (400 SY) assumed to be FAC 1131 (Aircraft Apron, Surfaced).

COBRA ECONOMIC IMPACT REPORT (COBRA v6.08)

Data As Of 3/11/2005 4:14:51 PM, Report Created 3/11/2005 4:14:54 PM

Department :

Scenario File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS CHANGES as of 10 Mar 05\COBRA Analyses\MED 0057 COBRA Data and Output\MED 0057 Realign NHRC Det from BCB to WPAFB.CBR

Option Pkg Name: MED-0057 Realign Navy Directed Energy Detachment to WPAFB

Std Fctrs File : C:\Documents and Settings\Feistera\Desktop\CANDIDATE RECOMMENDATIONS\COBRA 6.08\BRAC2005.SFF

Brooks City-Base, TX (CNBC)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	3	0	0	3
NET CHANGE-Mil	0	0	0	-3	0	0	-3
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	15	0	0	15
NET CHANGE-Civ	0	0	0	-15	0	0	-15
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

Wright-Patterson AFB, OH (ZHTV)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	3	0	0	3
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	3	0	0	3
Jobs Gained-Civ	0	0	0	15	0	0	15
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	15	0	0	15
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

MED0057a: DE to WPAFB

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

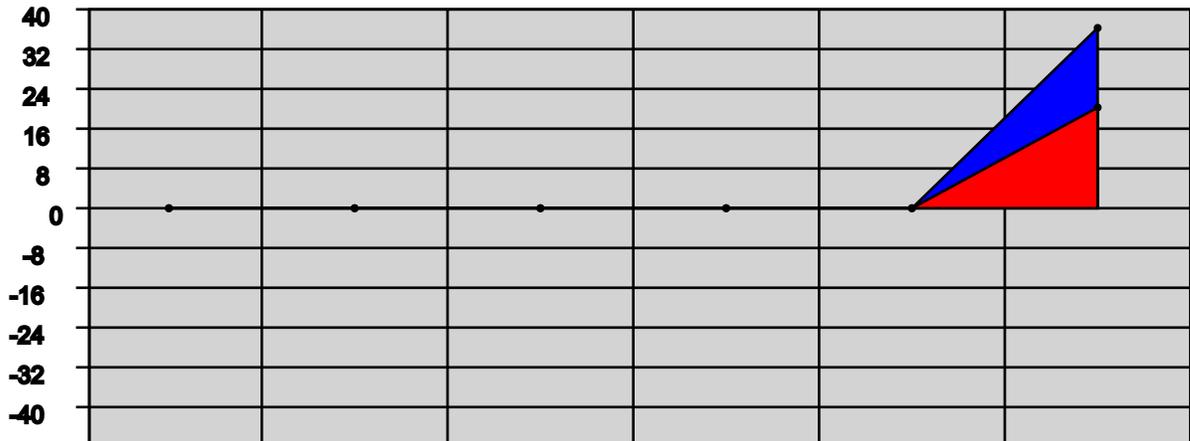
ECONOMIC IMPACT DATA

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

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 845,410
 ROI Employment (2002): 512,393
 Authorized Manpower (2005): 15,885
 Authorized Manpower(2005) / ROI Employment(2002): 3.1%
 Total Estimated Job Change: 40
 Total Estimated Job Change / ROI Employment(2002): 0.01%

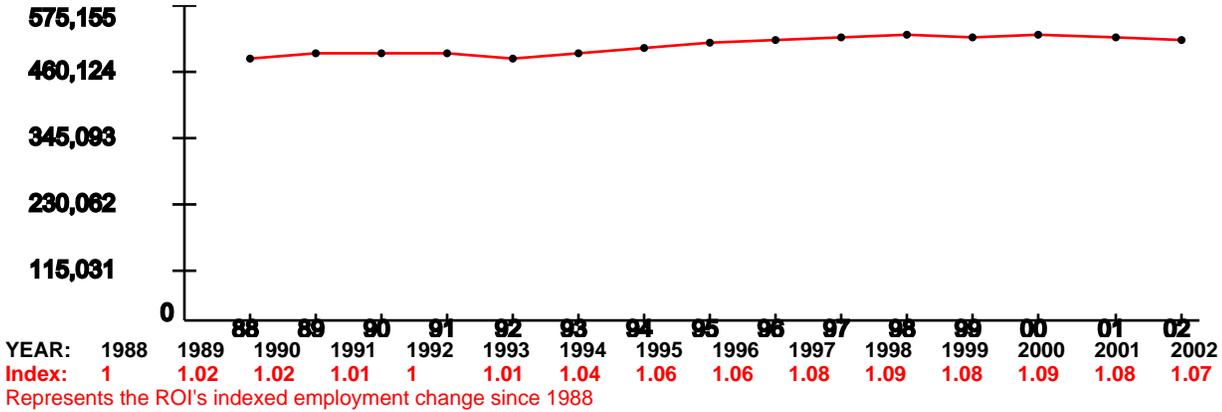
Cumulative Job Change (Gain/Loss) Over Time:



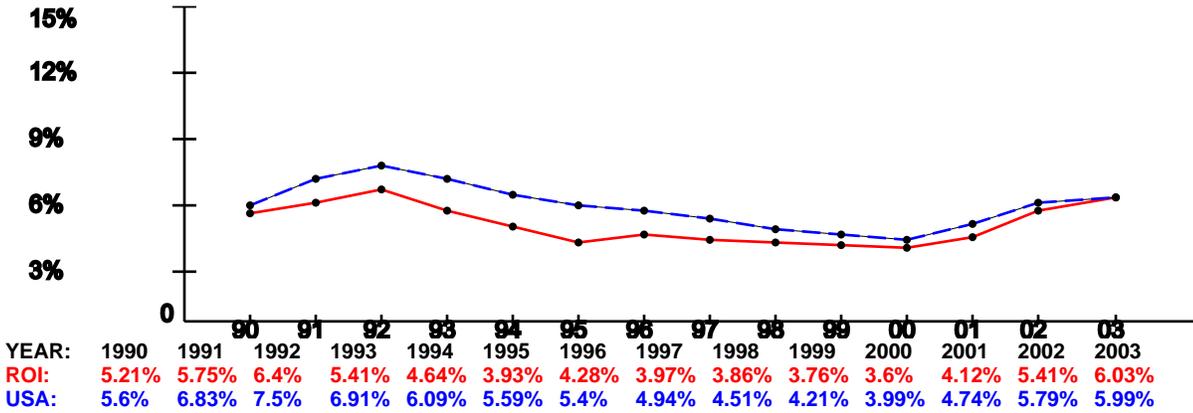
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	3
Direct Civilian:	0	0	0	0	0	12
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	7
Cumulative Direct:	0	0	0	0	0	22
Cum Indir/Induc:	0	0	0	0	0	18
Cumulative Total:	0	0	0	0	0	40

Dayton, OH Metropolitan Statistical Area Trend Data

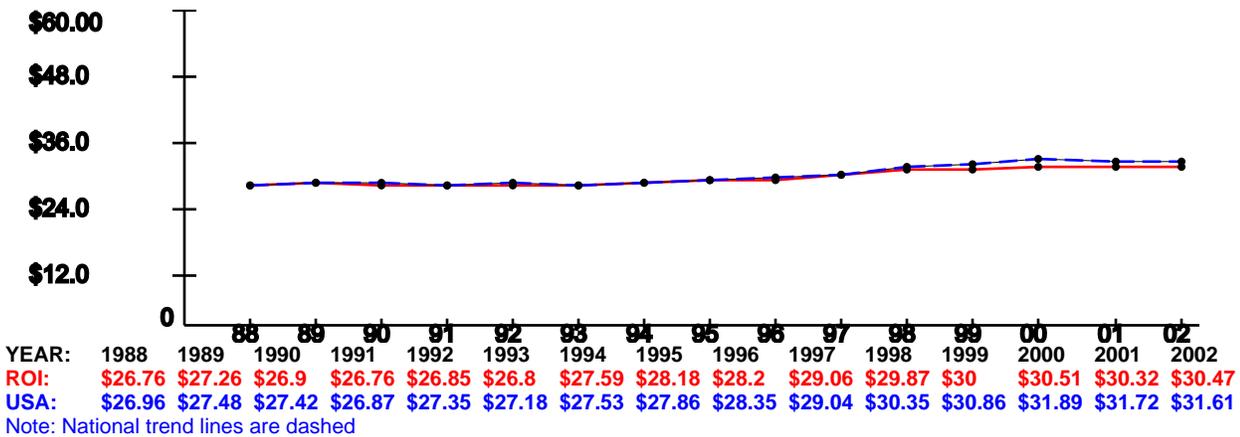
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



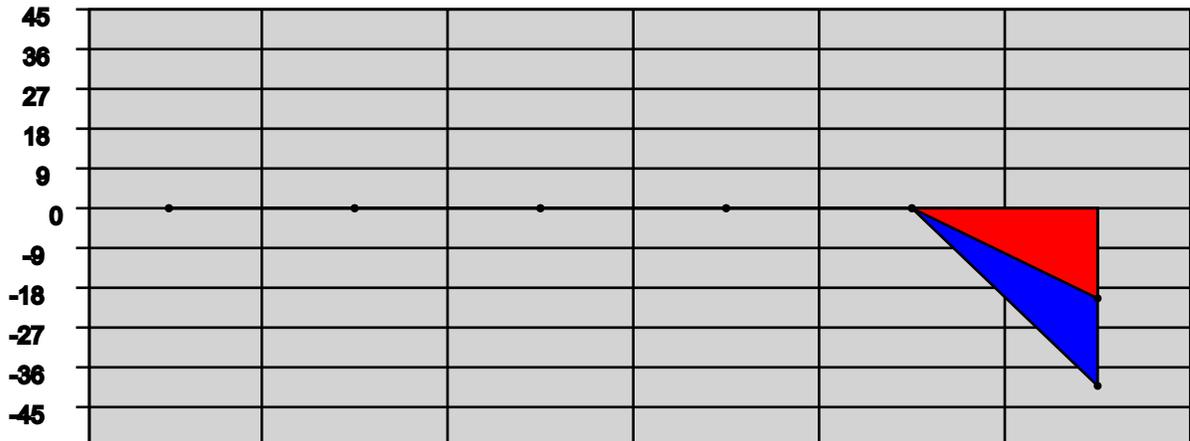
ECONOMIC IMPACT DATA

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

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 1,786,138
 ROI Employment (2002): 1,009,217
 Authorized Manpower (2005): 2,426
 Authorized Manpower(2005) / ROI Employment(2002): 0.24%
 Total Estimated Job Change: -44
 Total Estimated Job Change / ROI Employment(2002): -0%

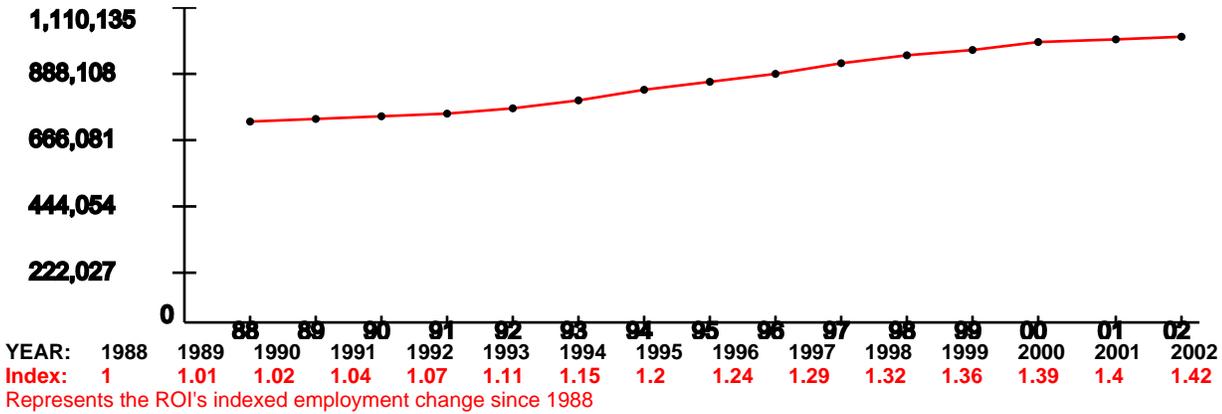
Cumulative Job Change (Gain/Loss) Over Time:



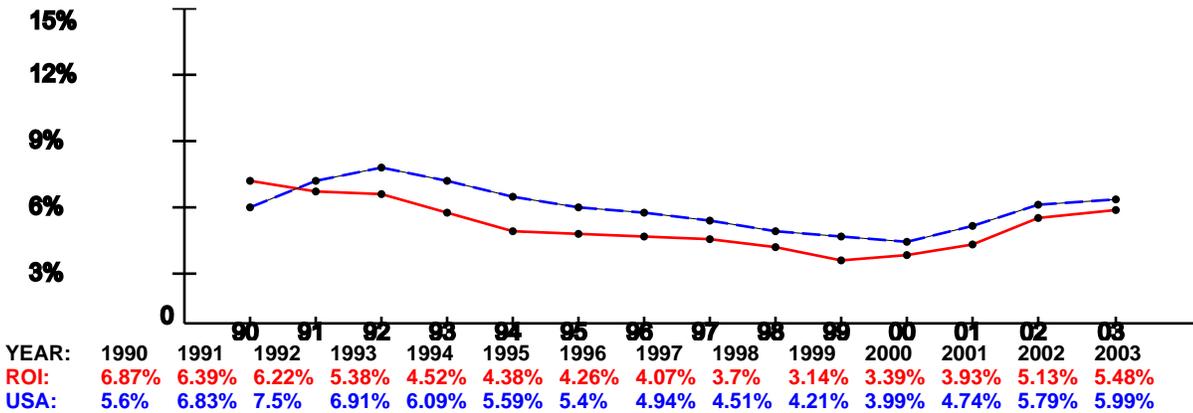
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	-3
Direct Civllian:	0	0	0	0	0	-12
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	-7
Cumulative Direct:	0	0	0	0	0	-22
Cum Indlr/Induc:	0	0	0	0	0	-22
Cumulative Total:	0	0	0	0	0	-44

San Antonio, TX Metropolitan Statistical Area Trend Data

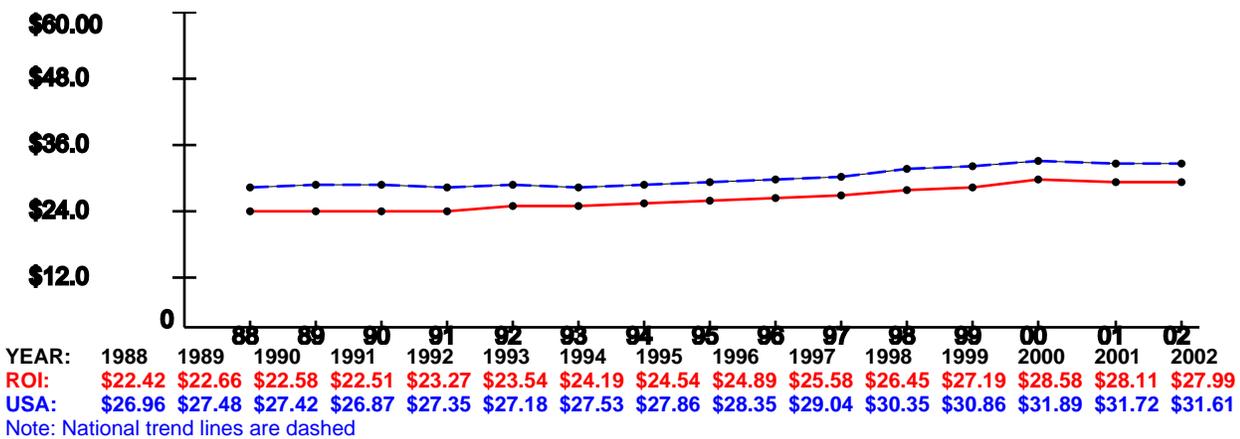
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



Wright-Patterson AFB, OH

Demographics

The following tables provide a short description of the area near the installation/activity. Wright-Patterson AFB is 15 miles from Dayton, OH, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Dayton-Springfield, OH MSA	950,558

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

County/City	Population
Clark	144742
Darke	53309
Greene	147886
Montgomery	559062
Preble	42337
Total	947,336

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 43

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)	\$41,550	Basis: MSA
Median House Value	(US Avg \$119,600)	\$99,000	
GS Locality Pay	("Rest of US" 10.9%)	12.0%	
O-3 with Dependents BAH Rate		\$1,081	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		Yes	

Education

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

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

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

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

		Basis
School District(s) Capacity	108,915	18 of 18 districts, 1 MFR
Students Enrolled	86,784	18 of 18 districts
Average Pupil/Teacher Ratio	17.9:1	18 of 18 districts
High School Students Enrolled	26,843	18 of 18 districts
Average High School Graduation Rate (US Avg 67.3%)	84.0%	18 of 18 districts
Average Composite SAT I Score (US Avg 1026)	1018	15 of 18 districts, 3 MFRs
Average ACT Score (US Avg 20.8)	21	15 of 18 districts, 3 MFRs
Available Graduate/PhD Programs	10	
Available Colleges and/or Universities	15	
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	3.8%	3.7%	4.3%	5.7%	6.2%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

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

	1999	2000	2001	2002	2003
Local Data	-.3%	.3%	1.2%	-2.6%	-.3%
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	28,651	Basis: MSA
Vacant Sale Units	5,285	
Vacant Rental Units	12,423	

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	2,392	2,724	950,558	Basis: MSA
Ratio	1:397	1:349		
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	4,928.7	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 Wright-Patterson AFB to nearest commercial airport: 18.6 miles

Is Wright-Patterson AFB 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

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT
RELEASABLE UNDER FOIA

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Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID #: MED0057

Brief Description: Realign Brooks City Base by relocating the Naval Health Research Center Electro-Magnetic Energy Detachment (NHRC EMR Det) from Brooks City-Base TX to Wright Patterson AFB, OH.

General Environmental Impacts	
Environmental Resource Area	Wright-Patterson (Gaining)
Air Quality	Wright-Patterson is in a maintenance area for ozone and a conformity analysis may be necessary. A preliminary analysis indicates a conformity determination may not be necessary.
Cultural/ Archeological/ Tribal Resources	On-military installation cemeteries impose limitations on fee-simple ownership, (e.g. access easements). 50 Archaeological sites are present, and some with high potential for archaeological sites. One constrains training/testing operations by restricting digging in the area. Another site constrains future construction. 22 Historic sites and 4 historic districts are present. Additional operations may impact these areas, which may restrict operations.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	No impact
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	No increase in off base is expected.
Threatened& Endangered Species/ Critical Habitat	The Indiana bat is a T&E specie and impacts operations. Tree cutting is prohibited between 15 April & 15 September to avoid incidental take of roosting bats. No training restrictions. Additional operations may further impact this T&E specie.
Waste Management	No impact
Water Resources	No impact
Wetlands	Wetlands restrict <1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

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<u>Impacts of Costs</u>	
Wright-Patterson (Gaining)	
Environmental Restoration	DERA money spent through FY03 (\$K): 156972 Estimated CTC (\$K): 34261 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 NEPA cost: \$48K FY07 Air Conformity Analysis \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Brooks City-Base
Air Quality	No impact
Cultural/ Archeological/ Tribal Resources	No impact
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	No impact
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	No impact
Threatened& Endangered Species/ Critical Habitat	No impact
Waste Management	No impact
Water Resources	No impact
Wetlands	No impact

<u>Impacts of Costs</u>	
Brooks City-Base	
Environmental Restoration	DERA money spent through FY03 (\$K): 41863 Estimated CTC (\$K): 4190 DO NOT ENTER IN COBRA

Waste Management	No impact
Environmental Compliance	No impact

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Criterion 8 JPAT Report

Purpose

This report summarizes and documents the approach and process used by the Base Realignment and Closure (BRAC) 2005 Selection Criterion 8 Joint Process Action Team (JPAT).

Criterion 8

“The environmental impact, including the impact of costs related to potential environmental restoration, waste management, and environmental compliance activities.”

Executive Summary

The Office of the Secretary of Defense (OSD)-authorized JPAT was established to develop a Department of Defense (DoD)-wide approach to application of

BRAC Final Selection Criterion 8. The JPAT was tasked to define the aspects of the criterion and develop a process that would appropriately analyze the environmental impacts specified in the criterion. The JPAT would also develop a process for arraying the certified environmental data gathered for use by the Military Departments (MilDeps) and Joint Cross-Service Groups (JCSGs) in their analyses.

Authority

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

Establishment

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 JPAT for Selection Criterion 8, commonly known as “Environmental Impact.” The Department of the Navy (DON) was designated the lead MilDep for the effort.

Direction

The BRAC DASs directed the JPAT to develop a DoD-wide approach to application of

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BRAC Selection Criterion 8. *Mission and Concept*

The JPAT was tasked to define the aspects of the criterion and identify a process for decision makers to appropriately consider environmental impact as required under Criterion 8. As to defining the criterion aspects, the fundamental difference between BRAC 1995 and BRAC 2005 is that additional language was added in the Defense Base Closure and Realignment Act of 1990, as amended through FY04 Authorization Act (Statute) to Criterion 8. In BRAC 1995, by DoD policy, Criterion 8 simply required

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that the decision makers consider “the environmental impact” with no further definition or clarification. For BRAC 2005, the Criterion 8 Final Selection Criteria language,

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the Statute, requires that the decision makers consider, “the environmental impact, including the impact of costs related to potential environmental restoration, waste management, and environmental compliance activities.” This criterion, in these terms, is not specifically defined in the statute. The JPAT’s

mission was therefore to establish the parameters of these terms for analysis and consideration by the decision makers. It was agreed that the terms “environmental impact”, “environmental restoration”, “waste management” and “environmental compliance” would be used and considered in the same context as they are defined in existing federal environmental laws and regulations, as well as in DoD and MilDep implementing policies

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The JPAT was also tasked with developing a process for meeting the requirements of Criterion 8. In this regard, the JPAT developed three primary deliverables:

A template for the Installation Environmental Profiles (Appendix 1 draft) to be compiled by the host MilDeps or host Defense Agency no later than 1

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August 2004, from the certified data call responses to the environmental questions

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and encroachment portion of the Capacity Data Call

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. The final template for Appendix 1 will be completed by the JPAT no later than 2 June 2004;

A template for the Summary of Scenario Environmental Impacts (Appendix 2) to be

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JCSG proposing the scenario and then finalized by the

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host MilDep upon receipt of a specific, viable scenario from the JCSG.

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The draft Summary provided by JCSG to the host MilDep or Defense Agency should include all pertinent information on the scenario and any environmental impacts anticipated by the JCSG.

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This Summary will only be required for viable scenarios

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that the JCSG and /or MilDep decide warrants a

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they want to pursue further after they have completed all

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COBRA analysis. The Summary

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on that particular scenario), and

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will be based on the impacted installation(s) Profile(s) as described above, and the environmental data contained in the first Data Call and the particular scenario data call; and,

A template for the Summary of Cumulative Scenarios' Environmental Impacts

(Appendix 3) which will document consideration of the cumulative environmental impacts of the final group of scenarios (namely, those scenarios that will be formally forwarded as recommendations) on a

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particular gaining installation.

Organization and Responsibilities

The Deputy Assistant Secretary of the Navy (Infrastructure Strategy and Analysis) DASN (IS&A) was designated the

Executive Agent for the JPAT. In that role, she was responsible for:

- a. Overseeing the work of the JPAT**
- b. Presenting an approach and suggested data questions to the ISG for approval**

The DASN (IS&A) subsequently identified the DON Infrastructure Analysis Team (IAT) Environmental Lead as the Executive Agent Functional Representative to provide day-to-day guidance and support to the JPAT.

The JPAT was composed of members from each of the MilDeps, along with members from the Office of the Secretary of Defense (Acquisition, Technology and Logistics). Representatives from the Defense Logistics Agency were added to the JPAT April 2004. The DoD IG, General Accounting Office, and the Naval Audit Service were process observers.

JPAT members were responsible for the following:

- a. Developing a process to support Criterion 8 requirements.**
- b. Reviewing the BRAC 2005 Public Law, existing DoD policy and guidance to ensure compliance.**
- c. Providing a draft report on the process, including recommended integration of the environmental questions from the first**

Data Call.

- d. Developing suggested templates for displaying data and assessing impacts for MilDep and JCSG consideration.**

Process Development Approach

Prior to the formal establishment of the JPAT, MilDep environmental experts worked together from September through December of 2003 to develop data call questions with deliberate focus on how the data gathered by these questions could be used by the decision makers and to meet the legal requirements under Criterion 8. The goal was also to create a common set of environmental questions that were not duplicative, overlapping or inconsistent. These joint MilDep environmental questions, once synthesized through the DoD Question Review Team (QRT) process, became the environment and encroachment questions (Appendix 4) in the first

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Data Call, which was approved by the Infrastructure Steering Group (ISG). The JPAT subsequently agreed that the answers to most of these questions provide sufficient data for use in the Profile portion of the Criterion 8 process.

It is important to note that the Criterion 8 process is not an Environmental Assessment or Impact Study under National Environmental Policy Act (NEPA). Per the BRAC statute (Section 2905(c) of the Defense Base Closure and Realignment Act of 1990,

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s amended through FY04 Authorization Act), the NEPA process is not triggered until the implementation of the BRAC recommendations. This Criterion 8 process is rather an effort to efficiently package and analyze the certified environmental data, thus making it easily accessible to the JCSGs and MilDep's for integration into their scenario formulation and recommendation development and analysis process.

The JPAT formed officially in January 2004 and met approximately every other week from inception. The initial tasks were to review process suggestions proposed by the MilDep representatives and develop consensus on the process between the services. After

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evaluation of numerous approaches proposed by the MilDep and OSD representatives, the JPAT reached consensus. The ISG was briefed generally on April 23, 2004 on the process.

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more specifically outlined in this report

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. The general philosophy of the analysis process is to gather sufficient comprehensive environmental data in key environmental resource areas and effectively array that data to allow the decision maker to integrate environmental considerations into the scenario and recommendation making process, and consider any impact of costs associated with

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potential, scenario-triggered environmental restoration, waste management, or environmental compliance costs.

The JPAT will conduct a mock scenario run in the May/June 2004 timeframe to exercise the Criterion 8 process and develop guidelines for compiling Appendices 1 and 2.

Criterion 8 Aspects Defined

Environmental Impact - Environmental Resource Areas

In order to assist the JCSGs' and MilDeps' analysis of the environmental impact of scenarios per Criterion 8, the JPAT developed a template (Appendix 1) that arrayed the environment and encroachment data from the first

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Data Call into ten environmental resource areas. The ten environmental resource areas represent the primary

environmental media areas that are regulated under federal environmental law. They also encompass the important aspects of environmental restoration, waste management, and environmental compliance. Based on the opinions of MilDep environmental experts, these ten areas provide BRAC decision makers

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with crucial environmental data needed to consider environmental impact under Criterion 8. These ten resource areas align with the questions in the environment/encroachment portion of the first

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Data Call:

Air Quality (DoD Question #210-225):

The Clean Air Act (CAA) establishes national standards for air quality. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance and is therefore subject to the CAA General Conformity Rule. The criteria pollutants of concern include: CO, O3 (1 hour & 8 Hour), and PM (PM10, and PM2.5). 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. State Implementation Program (SIP) Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate future growth in a manner that conforms to a state's SIP.

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

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 facilitates management of these sites.

Dredging (DoD Question # 226-228):

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.

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

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.

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

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.

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

This resource area addresses incompatible land use within various noise contours off the installation. With respect to the noise questions the identification of acres in the higher noise contours were thought to be the most important indicator of capacity. Noise abatement procedures are also a concern.

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

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.

Waste Management (DoD Question # 265-272):

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.

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

This section asks about the condition of ground and surface water, and the capacity of water resources and water related utilities, including Industrial Wastewater Treatment plants, non-potable water systems, potable water systems, pretreatment units and sanitary sewage treatment capacity.

Wetlands (DoD Question # 251, 257):

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.

How the Impact of Costs Related to Environmental Restoration

e Considered

The impact of costs related to potential

Candidate Recommendation #MED-0057

Candidate Recommendation: Realign Brooks City Base, TX, by relocating the Naval Health Research Center Electro-Magnetic Energy Detachment to Wright Patterson Air Force Base, OH.

Justification: This action will increase synergy, focus on joint needs, and efficient use of equipment and facilities by continuing the co-location implemented under Biomedical Reliance and BRAC91. This recommendation complements the relocation of the Air Force Research Laboratory from Brooks City-Base TX to Wright Patterson Air Force Base, OH.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$6.5M. The net of all costs and savings to the Department during the implementation period is a cost of \$6.7M. Annual recurring costs to the Department after implantation are \$0.01M with no payback expected. The estimated net present value of the costs and savings to the Department over 20 years is a cost of \$6.3M.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 44 jobs (22 direct jobs and 22 indirect jobs) over the 2006-2011 period in the San Antonio, TX Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces and personnel.

Environmental Impact: This recommendation could impact air quality at Wright-Patterson AFB, which is a maintenance area for ozone and a conformity analysis may be necessary, though preliminary analysis indicates that a conformity determination may not be necessary. On-military installation cemeteries at Wright-Patterson impose limitations on fee-simple ownership (e.g., access easements). In addition, 50 archaeological sites are present on Wright-Patterson, 2 of which constrain digging or future construction. 22 Historic sites and 4 historic districts are also present on Wright-Patterson. Additional operations may impact these areas, which may restrict operations. The Indian bat is a T&E specie on Wright-Patterson that impacts operations. Tree cutting is prohibited between 15 April & 15 September to avoid incidental take of roosting bats. No training restrictions. Additional operations may further impact this T&E specie. Wetlands restrict 1% of Wright-Patterson, but do not currently restrict operations, though additional operations may impact wetlands,

which could restrict operations. This recommendation has no impact on dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; waste management; or water resources. This recommendation will require spending approximately \$98K for National Environmental Policy Act documentation and an air conformity analysis at Wright-Patterson. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Supporting Information:

Conflicting, Competing, or Related Candidate Recommendations: This candidate recommendation is linked to MED-0024, USAF-0110, TECH-0058, and TECH-0009.

In MED-0012, the MJCSG recommends to relocate all of Aerospace Medicine Education and Training to Wright-Patterson AFB. In USAF-0110/TECH-0058 and TECH-0009, the Air Force and TJCSG developed a proposal to relocate all USAF Aerospace Medicine RDA to WPAFB as part of the consolidation of the Air Force Research Laboratory – Human Effectiveness Directorate and the relocation of the 311th Human Systems Wing. NAMRL and the activities included in the scenarios identified above are highly collaborative with those planned for relocation to WPAFB. Co-location ensures the viability of this relationship and promotes synergy among not only research but also education and training.

The EMR Det was part of the Tri-Service Directed Energy Bioeffects co-location established by the Biomedical Reliance Agreements enacted in BRAC91. The MJCSG had specifically identified that the Biomedical Reliance co-location should continue at Brooks City-Base. MJCSG analysis led to the conclusion that the costs and risks inherent in these multi-action proposals outweighed the benefits. Independently, in USAF-0110/TECH-0058 and TECH-0009, the Air Force and TJCSG developed a proposal to relocate all USAF Aerospace Medicine RDA to WPAFB as part of the consolidation of the Air Force Research Laboratory – Human Effectiveness Directorate and the relocation of the 311th Human Systems Wing. These actions conflicted with the MJCSG's initial desire to retain the bioeffects units at their BRAC91 co-location site. Negotiations between the JCSG's resulted in an agreement in principle on how to deconflict the scenarios. The scenario modifications required to deconflict the scenarios are based on an agreement for the Air Force to host, at WPAFB, both the Naval Aeromedical Laboratory (NAMRL), NAS Pensacola, and the Naval Health Research Center Electromagnetic Energy Research Detachment (EMR Det), Brooks City-Base.

The Army portion of the BRAC91 co-location is to be realigned to Fort Sam Houston for consolidation with the U. S. Army Institute of Surgical Research. The Army activity's mission focus has shifted from bioeffects assessment and development of health risk criteria to the development of FDA-regulated medical products for treatment of laser injuries, and is better aligned with the Tri-Service Battlefield Health and Trauma Center of Excellence described in scenario MED-0024.

In the event these linked scenarios are not approved, MED-0057 should be inactivated.

Force Structure Capabilities. The MJCSG assumed the existing medical force structure is, as detailed in the FY06 POM, required to sustain DoD capabilities.

Military Value Analysis Results. This recommendation relocates Naval directed energy bioeffects research (part of the Aerospace and Operational Medicine sub-function) from Brooks City Base to Wright-Patterson AFB. Because WPAFB did not perform the Medical/Dental RDA function, it does not have a Medical JCSG military value score and therefore relative quantitative military value scores were not a determining factor. The Medical JCSG quantitative military value scores for locations performing Aerospace and Operational Medicine research are at attachment 1. Military judgment was the primary consideration in making this recommendation. It was the military judgment of the MJCSG that continued collocation of the Navy and AF aerospace medical research activities performing directed energy bioeffects research offered positive synergies. Through a separate action the TJCSG is relocating AF human factors research and aerospace medicine functions (including AF directed energy bioeffects research elements) from Brooks AFB to WPAFB. Under the Technical JCSG military value model, WPAFB has a higher quantitative military value score for human factors research than Brooks (see attachment 2). These human factors research functions are closely related to Navy aerospace medical research, as they utilize similar personnel expertise and equipment, and the Air Force and Navy have heretofore shared directed energy bioeffects facilities and expertise at Brooks City-Base, to the mutual benefit of both research programs. For this reason, the MJCSG examined relocating Navy aerospace medical research to WPAFB rather than to another location currently performing the function. It was the judgment of the MJCSG that continuation of the co-location of these functions at WPAFB by the relocation of the NHRC EMR Det provides the highest overall military value to the Department.

Capacity Analysis Results. Capacity was broken out into sub-functional areas that define specific technical foci of research, development, or acquisition. Current capacity was assumed to be equivalent to FY03 usage, expressed as Full Time Equivalents (FTEs). A surge requirement of 10% above current capacity was also assumed. The determination of maximum capacity was based on each activity Commander's estimate of the maximum number of Full Time Equivalents that could be optimally supported by FY03 facilities. The table in attachment 2 summarizes MJCSG capacity results for the Aerospace and Operational Medicine sub-function. The site for co-location was identified in the linked TECH-0009 proposal. The Capacity Data Call did not provide detailed information about the space utilized by the functional elements incorporated in the MJCSG RDA scenarios. The specific, functionally-linked capacity (FTE) data reported by the activities in response to the scenario data call were considered as the final indicator of capacity affected by this recommendation.

Attachment 1: Medical Military Value Scores for Aerospace Medical Research

Medical Dental RDA Sub-Function: <i>Aerospace and Operational Medicine Research</i>		
Activity	Sub-function RDA MV score*	Total RDA MV score
Air Force Institute for Operational Health - Brooks City Base	27.81	27.81
Air Force School of Aerospace Medicine - Brooks City Base	24.72	26.85
Army Aeromedical Research Laboratory	18.22	19.00
Naval Aerospace Medical Research Laboratory	16.33	16.33
Air Force Research Laboratory/Human Effectiveness - Brooks City Base	14.75	16.30
Naval Health Research Center Detachment - Brooks AFB	10.76	10.76
Army Medical Research Detachment - Brooks City Base	9.14	11.43
Naval Health Research Center - San Diego	5.53	19.79
Naval Air Warfare Center - Pax River	5.26	5.26
Walter Reed Army Institute of Research - WRAMC	2.31	41.69
311th Human Systems Wing - Human Systems Program Office	1.10	12.09

**Pro-rated military value score for activity, based on percentage of workforce performing the function*

Attachment 2 – Technical JCSG Military Value Scores for Human Systems Research (from TJCSG Final MilVal Report dated 10 December 2004)

Human Systems Research			
Technical Capability & Function	Function Code	Facility Code	Final MilVal
Human Systems Research	45433 USAF	Wright-Patterson AFB	0.5101
Human Systems Research	78235 USAF	BROOKS CITY-BASE	0.424
Human Systems Research	20670 USN	USN_8_Pax	0.3894
Human Systems Research	36362 USA	FORT RUCKER	0.2476
Human Systems Research	92186 USN	NAVHLTHRSCHCEN_SAN_DIEGO_CA SAN DIEGO	0.1635

Attachment 3: Medical Dental Research, Development and Acquisition Capacity by Sub-Function

Medical Dental RDA Sub-Function: Aerospace and Operational Medicine Research							
Installation	Activity Name	Current Usage (FTEs)	Current Capacity (FTEs)	Surge Rqmt (FTEs)	Max Capacity (FTEs)	Excess Capacity (FTEs)*	Avail. Surge Capacity (FTEs)
BROOKS CITY-BASE	311th Human Systems Wing - Human Systems Program Office	4.00	4.00	4.40	4.00	-0.40	0.00
	Air Force Research Laboratory/Human Effectiveness - Brooks City Base	292.32	417.21	321.55	417.21	95.66	124.89
	Air Force School of Aerospace Medicine	121.52	238.13	133.68	238.13	104.45	116.61
	Army Medical Research Detachment - Brooks City Base	32.00	40.26	35.20	40.26	5.06	8.26
	Naval Health Research Center Detachment - Brooks AFB	14.00	14.00	15.40	14.00	-1.40	0.00
FORT RUCKER	Army Aeromedical Research Laboratory	117.00	165.00	128.70	165.00	36.30	48.00
NNMC San Diego	Naval Health Research Laboratory	6.43	18.20	7.07	18.20	11.13	11.77
PENSACOLA	Naval Aerospace Medical Research Laboratory	24.00	19.00	26.40	19.00	-7.40	-5.00
WALTER REED ARMY MEDICAL CENTER	Walter Reed Army Institute of Research - WRAMC	68.36	72.66	75.20	72.66	-2.54	4.30

*Negative values indicate that activity has reduced or no surge capacity for sub-function

Attachment 4: Technical Human Systems Research Capacity

TJCSG Locations Relevant to Medical Dental RDA Sub-Function: Aerospace and Operational Medicine Research							
Facility Code	Activity Name	Current Capacity (SF)	Current Usage (SF)	Max Capacity (SF)	Avail. Surge Capacity (SF)	Surge Rqmt (SF)	Excess Capacity (SF)
78235 USAF	BROOKS CITY-BASE	260,624	98,730	260,624	161,894	108,603	152,021
45433 USAF	Wright-Patterson AFB	2,759,806	1,156,913	2,759,806	1,602,893	1,272,604	1,487,202
36362 USA	FORT RUCKER	167,903	83,137	167,903	84,766	91,450	76,453
32508 USN	USN_3_Penasacola	65,942	31,747	65,942	34,195	34,921	31,020
92186 USN	NAVHLTHRSCHCEN_SAN_DIEGO_CA	56,156	20,523	56,156	35,633	22,576	33,580
20670 USN	USN_8_Pax	5,065,783	1,940,958	5,065,783	3,124,825	2,135,054	2,930,729

Brooks City-Base, TX

Demographics

The following tables provide a short description of the area near the installation/activity. Brooks City-Base is within San Antonio, TX, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
San Antonio, TX MSA	1,592,383

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

County/City	Population
Atascosa	38628
Bexar	1392931
Comal	78021
Guadalupe	89023
Kendall	23743
Medina	39304
Wilson	32408
Total	1,694,058

Child Care

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

Cost of Living

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

Median Household Income	(US Avg \$41,994)	\$39,140	Basis: MSA
Median House Value	(US Avg \$119,600)	\$77,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,138	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		Yes	

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	235,137	34 of 34 districts, 6 MFRs
Students Enrolled	208,879	34 of 34 districts
Average Pupil/Teacher Ratio	15.1:1	34 of 34 districts
High School Students Enrolled	96,632	52 of 52 districts
Average High School Graduation Rate (US Avg 67.3%)	80.9%	50 of 52 districts, 5 MFRs
Average Composite SAT I Score (US Avg 1026)	941	40 of 52 districts, 15 MFRs
Average ACT Score (US Avg 20.8)	20	39 of 52 districts, 15 MFRs
Available Graduate/PhD Programs	10	
Available Colleges and/or Universities	14	
Available Vocational and/or Technical Schools	9	

Employment

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

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.1%	3.4%	4.0%	5.2%	5.5%
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	2.1%	1.1%	.9%	.7%	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	39,826	Basis: MSA
Vacant Sale Units	6,699	
Vacant Rental Units	15,650	

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	4,405	3,995	1,592,383	Basis: MSA
Ratio	1:361	1:399		
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	6,775.3	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 Brooks City-Base to nearest commercial airport: 15.9 miles

Is Brooks City-Base 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

Candidate #MED-0057 - Disposition of the Tri-Service Directed Energy Bioeffects co-location implemented under Biomedical Reliance & BRAC91



Candidate Recommendation: Realign Brooks City Base, TX, by relocating the Naval Health Research Center Electro-Magnetic Energy Detachment to Wright Patterson Air Force Base, OH.

Justification

- ✓ Increase synergy and shared use of unique facilities through mission collocation
- ✓ Facilitate jointness
- ✓ Payback improves if combined with TECH-0009

Military Value

- ✓ Relative quantitative military value scores not determinative because moving to a location that does not currently perform the function
- ✓ Military Judgment favored Wright-Patterson because of synergy with AF human factors research

Payback

- ✓ One-time cost: \$ 6.5M
- ✓ Net implementation cost: \$ 6.7M
- ✓ Annual recurring savings: \$ 0.01M
- ✓ Payback time: never
- ✓ NPV (cost): \$ 6.3M

Impacts

- ✓ Criteria 6: -44 jobs (22 direct, 22 indirect); <0.1%
- ✓ Criteria 7: No issues
- ✓ Criteria 8: No impediments

✓ Strategy
✓ COBRA

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

✓ JCSG/MilDep Recommended
✓ Criteria 6-8 Analysis

✓ De-conflicted w/JCSGs
 De-conflicted w/MilDepts

Disposition of the Tri-Service Directed Energy Bioeffects co- location implemented under Biomedical Reliance & BRAC91– MED0057



TECH0009
AFRL/HE

MED0057
NHRC EMR Det

- ★ Gainers (1)
- MED0057 Donor (1)
- TECH0009 Donor (1)