

Langley Air Force Base, VA

Recommendation: Realign Langley Air Force Base, Virginia. Realign base-level F-15 avionics intermediate maintenance from Langley Air Force Base to Tyndall Air Force Base, Florida by establishing a Centralized Intermediate Repair Facility (CIRF) at Tyndall Air Force Base, Florida for F-15 avionics.

Justification: This recommendation standardizes stateside and deployed intermediate-level maintenance concepts, and compliments other CIRF recommendations made by the Air Force. It will increase maintenance productivity and support to the warfighter by consolidating and smoothing dispersed, random workflows. As a result of other recommendations, Tyndall is expected to have two full squadrons (48 F-22s) as compared to only one squadron (24 F-15s) at Langley.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$1.8 million. The net of all costs and savings to the Department during the implementation period is a savings of \$1.5 million. Annual recurring savings to the Department after implementation are \$0.7 million, with a payback expected in three years. The net present value of the cost and savings to the Department over 20 years is a savings of \$8.3 million.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 39 jobs (19 direct jobs and 20 indirect jobs) over the 2006-2011 period in the Virginia Beach-Norfolk-Newport News, Virginia-North Carolina Metropolitan Statistical economic area, which is less than 0.1 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

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

Environmental Impact: There are potential impacts to air quality; cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; threatened and endangered species or critical habitat; waste management; and wetlands that may need to be considered during the implementation of this recommendation. There are no anticipated impacts to marine mammals, resources, or sanctuaries; noise; or water resources. Impacts of costs include \$248 thousand in costs for environmental compliance and waste management. These costs were included in the payback calculation. There are no anticipated impacts to the costs of environmental restoration. The aggregate environmental impact of all recommended BRAC actions affecting the installations in this recommendation have been reviewed. There are no known environmental impediments to the implementation of this recommendation.



F100 Engines Metric

F100 Southeast

Jacksonville (24)

New Orleans (24)

Tyndall (48)

	Proximity	Human Capital	Facility	Ground Transport	Growth	Cost	Overall
Jacksonville (24)	G	G	Y	G	Y	G	G
New Orleans (24)	G	G	Y	G	Y	G	G
Tyndall (48)	G	Y	G	G	G	G	G

F100 East

Seymour-Johnson (72)

Langley (24)

Seymour-Johnson (72)	G	G	G	Y	G	G	G
Langley (24)	G	G	Y	G	Y	G	G



F-15 Avionics Metric

F-15 Avionics East

Tyndall (48)

Langley (24)

	Proximity	Human Capital	Facility	Ground Transport	Growth	Cost	Overall
Tyndall (48)	G	G	G	G	G	G	G
Langley (24)	G	G	G	G	Y	G	G

BFAC Scenario
Aircraft/Personnel Baseline and Adjustments - Facility Shortages By FAC

Scenario Name: USAF-0105 (S907.1) F-15 CIRF								
Gaining Base: TYNDALL AIR FORCE BASE								
Scenario Run Time: 20050218080845								
Analyst: Gerard Berkeley								
Requestor:								
Verifier:								
Net Force Structure Change								
	Acft	Direction	Base	#Acft	Enlisted	Officers	Civillians	Total
Baseline Aircraft	E-9			2				
Adjusted Aircraft	E-9			0				
Baseline Aircraft	F-15			67				
Adjusted Aircraft	F-15			0				
Baseline Aircraft	F-22			21				
Adjusted Aircraft	F-22			0				
Baseline Population					3247	617	606	4470
Adjusted Population					122	37	27	186
[Mission Change 1]	Admin - 000425304	IN	MUHJ	1	18	0	0	18
[Mission Change 2]	Avionics Shop - 000425306	IN	MUHJ	1	0	0	0	0
Total Population					3387	654	633	4674

Facility Surplus/Shortage Summary (-) Indicates a shortage

FAC	FAC Description	SF	BL	SY	Comments/Notes
					Certified widget data identifies 11259SF existing at Tyndall. ILMM now requires 17000 SF per AFH 32-1084 delta=5741 deficit
2171	Electronic and Communication Maintenance Shop	(5,741)			
6100	General Administrative Building	(306)			DO NOT BUILD PER ROE
7220	Dining Facility	(146)			DO NOT BUILD PER ROE
7361	Chapel Facility	(226)			DO NOT BUILD PER ROE
7362	Religious Education Facility	(237)			DO NOT BUILD PER ROE
7371	Nursery and Child Care Facility	(656)			DO NOT BUILD PER ROE
7372	Family Service Center	4,069			
7416	Library, General Use	1,754			DO NOT BUILD PER ROE
7417	Recreation Center	20,010			
7421	Indoor Physical Fitness Facility	(290)			DO NOT BUILD PER ROE

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2007
 Payback Year : 2010 (3 Years)

NPV in 2025(\$K): -8,257
 1-Time Cost(\$K): 1,791

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	82	909	0	0	0	0	991	0
Person	0	-337	-699	-699	-699	-699	-3,134	-699
Overhd	22	-46	-63	-63	-63	-63	-276	-63
Moving	0	130	316	0	0	0	446	0
Missio	0	0	0	0	0	0	0	0
Other	48	266	48	48	48	48	505	48
TOTAL	152	921	-398	-714	-714	-714	-1,468	-714

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	-----
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	8	0	0	0	0	8
Civ	0	0	0	0	0	0	0
TOT	0	8	0	0	0	0	8

POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	11	0	0	0	0	11
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	11	0	0	0	0	11

Summary:

 Realign Langley AFB, Virginia. Realign base-level F-15 avionics intermediate maintenance from Langley AFB into a Centralized Intermediate Repair Facility (CIRF) at Tyndall AFB for F-15 avionics.

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 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	82	909	0	0	0	0	991	0
Person	0	90	58	58	58	58	321	58
Overhd	22	78	62	62	62	62	347	62
Moving	0	147	316	0	0	0	463	0
Missio	0	0	0	0	0	0	0	0
Other	48	266	48	48	48	48	505	48
TOTAL	152	1,490	483	167	167	167	2,628	167

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	427	757	757	757	757	3,455	757
Overhd	0	124	124	124	124	124	623	124
Moving	0	17	0	0	0	0	17	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	569	881	881	881	881	4,096	881

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Personnel				
Base	Start*	Finish*	Change	%Change
Langley AFB	10,360	10,341	-19	0%
Tyndall AFB	4,665	4,676	11	0%
BASE X (AIR FORCE)	2,940	2,940	0	0%
TOTAL	17,965	17,957	-8	0%

Square Footage					
Base	Start	Finish	Change	%Change	Chg/Per
Langley AFB	3,923,000	3,923,000	0	0%	0
Tyndall AFB	3,192,000	3,197,741	5,741	0%	522
BASE X (AIR FORCE)	1,947,403	1,947,403	0	0%	0
TOTAL	9,062,403	9,068,144	5,741	0%	-718

Base Operations Support (2005\$)					
Base	Start*	Finish*	Change	%Change	Chg/Per
Langley AFB	87,794,188	87,669,629	-124,559	0%	6,556
Tyndall AFB	30,822,423	30,866,473	44,049	0%	4,004
BASE X (AIR FORCE)	18,380,156	18,380,156	0	0%	0
TOTAL	136,996,768	136,916,258	-80,509	0%	10,064

Sustainment (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Langley AFB	11,557,526	11,557,526	0	0%	0
Tyndall AFB	13,313,252	13,322,718	9,466	0%	860
BASE X (AIR FORCE)	8,161,604	8,161,604	0	0%	0
TOTAL	33,032,382	33,041,848	9,466	0%	-1,183

Recapitalization (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Langley AFB	10,290,198	10,290,198	0	0%	0
Tyndall AFB	9,162,840	9,171,030	8,190	0%	744
BASE X (AIR FORCE)	6,909,608	6,909,608	0	0%	0
TOTAL	26,362,645	26,370,836	8,190	0%	-1,024

Sustain + Recap + BOS (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
Langley AFB	109,641,912	109,517,353	-124,559	0%	6,556
Tyndall AFB	53,298,515	53,360,221	61,706	0%	5,610
BASE X (AIR FORCE)	33,451,368	33,451,368	0	0%	0
TOTAL	196,391,795	196,328,942	-62,853	0%	7,857

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Department : USAF

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Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR

Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Langley AFB	1,245,113,927	1,245,113,927	0	0%	0
Tyndall AFB	1,108,703,625	1,109,694,625	991,000	0%	90,091
BASE X (AIR FORCE)	836,062,557	836,062,557	0	0%	0
TOTAL	3,189,880,109	3,190,871,109	991,000	0%	-123,875

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* "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 REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/12
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 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	82	909	0	0	0	0	991
O&M							
CIV SALARY							
Civ RIF	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	1	0	0	0	0	1
Freight	0	5	0	0	0	0	5
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	109	125	0	0	0	234
Prog Manage	22	16	0	0	0	0	38
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	191	0	0	0	191
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	3	0	0	0	0	3
POV Miles	0	2	0	0	0	0	2
HHG	0	17	0	0	0	0	17
Misc	0	11	0	0	0	0	11
OTHER							
Elim PCS	0	32	0	0	0	0	32
OTHER							
HAP / RSE	0	18	0	0	0	0	18
Environmental	48	200	0	0	0	0	248
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	152	1,323	316	0	0	0	1,791

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/12
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 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	9	9	9	9	9	47	9
Recap	0	8	8	8	8	8	41	8
BOS	0	44	44	44	44	44	220	44
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	48	48	48	48	48	239	48
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	58	58	58	58	58	289	58
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	167	167	167	167	167	837	167
TOTAL COST	152	1,490	483	167	167	167	2,628	167
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	17	0	0	0	0	17	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	17	0	0	0	0	17	
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	124	124	124	124	124	623	124
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	329	659	659	659	659	2,966	659
House Allow	0	98	98	98	98	98	489	98
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	552	881	881	881	881	4,078	881
TOTAL SAVINGS	0	569	881	881	881	881	4,096	881

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/12
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ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	82	909	0	0	0	0	991	
O&M								
Civ Retir/RIE	0	0	0	0	0	0	0	
Civ Moving	0	5	0	0	0	0	5	
Info Tech	0	109	125	0	0	0	234	
Other	22	16	191	0	0	0	229	
MIL PERSONNEL								
Mil Moving	0	47	0	0	0	0	47	
OTHER								
HAP / RSE	0	18	0	0	0	0	18	
Environmental	48	200	0	0	0	0	248	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	152	1,305	316	0	0	0	1,525	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	9	9	9	9	9	47	9
Recap	0	8	8	8	8	8	41	8
BOS	0	-80	-80	-80	-80	-80	-402	-80
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	48	48	48	48	48	239	48
MIL PERSONNEL								
Mil Salary	0	-329	-659	-659	-659	-659	-2,966	-659
House Allow	0	-40	-40	-40	-40	-40	-200	-40
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	-384	-714	-714	-714	-714	-3,241	-714
TOTAL NET COST	152	921	-398	-714	-714	-714	-1,468	-714

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Base: Langley AFB, VA (MUHJ)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	1	0	0	0	0	1
Freight	0	5	0	0	0	0	5
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	21	125	0	0	0	146
Prog Manage	22	16	0	0	0	0	38
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	191	0	0	0	191
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	3	0	0	0	0	3
POV Miles	0	2	0	0	0	0	2
HHG	0	17	0	0	0	0	17
Misc	0	11	0	0	0	0	11
OTHER							
Elim PCS	0	32	0	0	0	0	32
OTHER							
HAP / RSE	0	18	0	0	0	0	18
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	22	126	316	0	0	0	464

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Base: Langley AFB, VA (MUHJ)

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 22 126 316 0 0 0 464 0

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	17	0	0	0	0	17	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	17	0	0	0	0	17	

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	124	124	124	124	124	623	124
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	329	659	659	659	659	2,966	659
House Allow	0	98	98	98	98	98	489	98
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	552	881	881	881	881	4,078	881
TOTAL SAVINGS	0	569	881	881	881	881	4,096	881

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Langley AFB, VA (MUHJ)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	5	0	0	0	0	5	
Info Tech	0	21	125	0	0	0	146	
Other	22	16	191	0	0	0	229	
MIL PERSONNEL								
Mil Moving	0	47	0	0	0	0	47	
OTHER								
HAP / RSE	0	18	0	0	0	0	18	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	22	108	316	0	0	0	446	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	-124	-124	-124	-124	-124	-623	-124
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-329	-659	-659	-659	-659	-2,966	-659
House Allow	0	-98	-98	-98	-98	-98	-489	-98
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	-552	-881	-881	-881	-881	-4,078	-881
TOTAL NET COST	22	-443	-565	-881	-881	-881	-3,632	-881

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Tyndall AFB, FL (XLWU)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	82	909	0	0	0	0	991
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	88	0	0	0	0	88
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	200	0	0	0	0	248
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	130	1,197	0	0	0	0	1,327

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Tyndall AFB, FL (XLWU)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	82	909	0	0	0	0	991	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	88	0	0	0	0	88	
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	200	0	0	0	0	248	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	130	1,197	0	0	0	0	1,327	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M								
Sustainment	0	9	9	9	9	9	47	9
Recap	0	8	8	8	8	8	41	8
BOS	0	44	44	44	44	44	220	44
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	48	48	48	48	48	239	48
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	58	58	58	58	58	289	58
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	167	167	167	167	167	837	167
TOTAL NET COST	130	1,364	167	167	167	167	2,164	167

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: BASE X (AIR FORCE), US (XUSAF)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	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

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 5/20/2005 11:08:30 AM, Report Created 5/20/2005 11:08:41 AM

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Langley AFB, VA (MUHJ)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	19	0	0	0	0	19
NET CHANGE-Mil	0	-19	0	0	0	0	-19
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

Tyndall AFB, FL (XLWU)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	11	0	0	0	0	11
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	11	0	0	0	0	11
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

BASE X (AIR FORCE), US (XUSAF)

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

COBRA INPUT DATA REPORT (COBRA v6.10)

Data As Of 5/20/2005 11:08:30 AM, Report Created 5/20/2005 11:08:38 AM

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: No

Base Name, ST (Code)	Strategy:
-----	-----
Langley AFB, VA (MUHJ)	Realignment
Tyndall AFB, FL (XLWU)	Realignment
BASE X (AIR FORCE), US (XUSAF)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

(Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----
Langley AFB, VA (MUHJ)	Tyndall AFB, FL (XLWU)	828 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Langley AFB, VA (MUHJ) to Tyndall AFB, FL (XLWU)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	11	0	0	0	0
Civilian Positions:	0	0	0	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	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: Langley AFB, VA (MUHJ)

Total Officer Employees:	1,852	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	6,725	Total Sustainment(\$K/Year):	18,805
Total Student Employees:	0	Sustain Payroll (\$K/Year):	7,248
Total Civilian Employees:	1,855	BOS Non-Payroll (\$K/Year):	88,266
Accomp Mil not Receiving BAH:	21.0%	BOS Payroll (\$K/Year):	32,117
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	15,086
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,245,114
Starting Facilities(KSF):	3,923	Svc/Agcy Recap Rate (Years):	121
Officer BAH (\$/Month):	1,074	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	815		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.94		Admits Visits Prescrip
Per Diem Rate (\$/Day):	142	CostFactor	4,697.71 72.96 27.68
Freight Cost (\$/Ton/Mile):	0.18	Actv MTF	2,435 157,901 186,195
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	372 41,731
Latitude:	37.083213	Retiree	251 28,030 160,514
Longitude:	-76.362353	Retiree65+	63 6,334 144,122

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Tyndall AFB, FL (XLWU)

Total Officer Employees:	618	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	3,248	Total Sustainment(\$K/Year):	15,374
Total Student Employees:	81	Sustain Payroll (\$K/Year):	2,061
Total Civilian Employees:	613	BOS Non-Payroll (\$K/Year):	30,402
Accomp Mil not Receiving BAH:	40.0%	BOS Payroll (\$K/Year):	18,352
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	5,042
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,108,704
Starting Facilities(KSF):	3,192	Svc/Agcy Recap Rate (Years):	121
Officer BAH (\$/Month):	1,042	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	803		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.79		Admits Visits Prescrip
Per Diem Rate (\$/Day):	117	CostFactor	5,546.61 132.85 19.12
Freight Cost (\$/Ton/Mile):	0.24	Actv MTF	0 61,566 62,812
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	805 33,386
Latitude:	30.057149	Retiree	0 28,256 109,933
Longitude:	-85.551926	Retiree65+	0 3,586 114,075

Name: BASE X (AIR FORCE), US (XUSAF)

Total Officer Employees:	343	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	1,445	Total Sustainment(\$K/Year):	11,102
Total Student Employees:	115	Sustain Payroll (\$K/Year):	2,940
Total Civilian Employees:	1,037	BOS Non-Payroll (\$K/Year):	18,380
Accomp Mil not Receiving BAH:	16.3%	BOS Payroll (\$K/Year):	12,657
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	4,299
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	836,062
Starting Facilities(KSF):	1,947	Svc/Agcy Recap Rate (Years):	121
Officer BAH (\$/Month):	1,246	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	942		
Civ Locality Pay Factor:	1.130	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.04		Admits Visits Prescrip
Per Diem Rate (\$/Day):	123	CostFactor	2,604.04 49.36 9.76
Freight Cost (\$/Ton/Mile):	0.37	Actv MTF	198 31,554 30,570
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	272 12,510
Latitude:	0.000000	Retiree	86 11,385 36,700
Longitude:	0.000000	Retiree65+	196 3,910 40,205

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Langley AFB, VA (MUHJ)

	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	191	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqdc(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	19	125	0	0	0
Construction Schedule(%):	0%	100%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Name: Tyndall AFB, FL (XLWU)

	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 Reqdc(\$K):	48	200	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	88	0	0	0	0
Construction Schedule(%):	0%	100%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: BASE X (AIR FORCE), US (XUSAF)

	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 Reqdc(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0 FH ShDn:	0.000%	

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: Langley AFB, VA (MUHJ)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	-8	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	-2	-3	0	0	0
Enl Prog nonBRAC Change:	-162	-2	0	0	0	0
Civ Prog nonBRAC Change:	94	3	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

Name: Tyndall AFB, FL (XLWU)

	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:	1	0	-1	0	0	0
Enl Prog nonBRAC Change:	85	-4	-3	0	0	0
Civ Prog nonBRAC Change:	28	-1	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: BASE X (AIR FORCE), US (XUSAF)

	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:	26%	2%	0%	0%	0%	0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: Tyndall AFB, FL (XLWU)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
-----	-----	-----	-----	-----	-----	-----
2171	SF	5,741	0 Default	991	147.68	2.62

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

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

STANDARD FACTORS SCREEN TWO - FACILITIES

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

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Data As Of 5/20/2005 11:08:30 AM, Report Created 5/20/2005 11:08:41 AM

Department : USAF
Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

=====

Realign Langley AFB, Virginia. Realign base-level F-15 avionics intermediate maintenance from Langley AFB into a Centralized Intermediate Repair Facility (CIRF) at Tyndall AFB for F-15 avionics.

FOOTNOTES FOR SCREEN FIVE

=====

Langley:

One-time Moving: \$191K Transportation

Tyndall:

Env Non-MILCON \$48K NEPA, \$200k = \$100K Air Cost, \$100K Hazardous Waste

One-time IT \$88K cabling, to connect 1 facility

FOOTNOTES FOR SCREEN SIX

=====

Langley:

Scenario reduction due to F-15 avionics (-7 Enl) and BOS (-1 Enl) savings associated with realigning functions to Tyndall

FOOTNOTES FOR SCREEN SEVEN

=====

Langley:

No construction or rehab. S907 causes a manpower decrease at Langley AFB.

Tyndall:

This scope is based on having existing capacity at Tyndall AFB. The requirement is 17,000 SF. The existing capacity at Tyndall for FAC 2171 is 11,259 SF.

New facility requirement is 17,000 SF - 11,259 SF = 5,741.

991 total cost = primary facility, supp fac, AT/FP ACF, markup and design.

BFAC was not run for Tyndall because the net effect of scenarios S907c2 and S908 drives a net manpower decrease. Therefore, there are no community support requirements.

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 5/20/2005 11:08:30 AM, Report Created 5/20/2005 11:08:42 AM

Department : USAF
Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
-----	-----	-----	-----
Langley AFB	0	0	0
Tyndall AFB	991,000	0	991,000
BASE X (AIR FORCE)	0	0	0
-----	-----	-----	-----
Totals:	991,000	0	991,000

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

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

MilCon for Base: Tyndall AFB, FL (XLWU)

All values in 2005 Constant Dollars (\$K)

FAC Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
2171 Electronic and Communication Maintenance	SF	5,741	n/a**	0 Default	n/a**	991
Total Construction Cost:						991
- Construction Cost Avoid:						0
Total Net Milcon Cost:						991

* 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 v6.10)

Data As Of 5/20/2005 11:08:30 AM, Report Created 5/20/2005 11:08:44 AM

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	151,751	149,670	149,670
2007	920,984	883,614	1,033,284
2008	-398,195	-371,632	661,653
2009	-714,195	-648,397	13,256
2010	-714,195	-630,736	-617,480
2011	-714,195	-613,556	-1,231,036
2012	-714,195	-596,845	-1,827,881
2013	-714,195	-580,588	-2,408,470
2014	-714,195	-564,775	-2,973,244
2015	-714,195	-549,392	-3,522,636
2016	-714,195	-534,428	-4,057,064
2017	-714,195	-519,871	-4,576,935
2018	-714,195	-505,711	-5,082,646
2019	-714,195	-491,937	-5,574,583
2020	-714,195	-478,538	-6,053,121
2021	-714,195	-465,504	-6,518,625
2022	-714,195	-452,825	-6,971,450
2023	-714,195	-440,491	-7,411,941
2024	-714,195	-428,493	-7,840,435
2025	-714,195	-416,822	-8,257,257

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	991,000	
Total - Construction		991,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	31,988	
Unemployment	0	
Total - Personnel		31,988
Overhead		
Program Management Cost	38,370	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		38,370
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	32,738	
Freight	5,573	
Information Technologies	234,200	
One-Time Moving Costs	191,000	
Total - Moving		463,511
Other		
HAP / RSE	18,047	
Environmental Mitigation Costs	248,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		266,047

Total One-Time Costs		1,790,916

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	17,582	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		17,582

Total Net One-Time Costs		1,773,334

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Langley AFB, VA (MUHJ)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	31,988	
Unemployment	0	
Total - Personnel		31,988
Overhead		
Program Management Cost	38,370	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		38,370
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	32,738	
Freight	5,573	
Information Technologies	146,200	
One-Time Moving Costs	191,000	
Total - Moving		375,511
Other		
HAP / RSE	18,047	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		18,047

Total One-Time Costs		463,916

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	17,582	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		17,582

Total Net One-Time Costs		446,334

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Tyndall AFB, FL (XLWU)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	991,000	
Total - Construction		991,000
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	88,000	
One-Time Moving Costs	0	
Total - Moving		88,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	248,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		248,000

Total One-Time Costs		1,327,000

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

Total One-Time Savings		0

Total Net One-Time Costs		1,327,000

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: BASE X (AIR FORCE), US (XUSAF)
 (All values in 2005 Constant Dollars)

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

Total One-Time Costs		0

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		0

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	-----
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
 CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
 CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
 TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

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

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

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

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

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

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

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

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: BASE X (AIR FORCE), US (XUSAF)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
 Data As Of 5/20/2005 11:08:30 AM, Report Created 5/20/2005 11:08:41 AM

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
2,813	11,418	196	3,505

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

	2006	2007	2008	2009	2010	2011	Total
-----	----	----	----	----	----	----	----
Officers	1	-2	-4	0	0	0	-5
Enlisted	-77	-6	-3	0	0	0	-86
Students	0	0	0	0	0	0	0
Civilians	122	2	0	0	0	0	124
TOTAL	46	-6	-7	0	0	0	33

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

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
2,808	11,332	196	3,629

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
-----	----	----	----	----	----	----	----
Officers	0	0	0	0	0	0	0
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	11	0	0	0	0	11

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
-----	----	----	----	----	----	----	----
Officers	0	0	0	0	0	0	0
Enlisted	0	-8	0	0	0	0	-8
Civilians	0	0	0	0	0	0	0
TOTAL	0	-8	0	0	0	0	-8

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
2,808	11,324	196	3,629

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Langley AFB, VA (MUHJ)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,852	6,725	0	1,855

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: Langley AFB, VA (MUHJ)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-2	-3	0	0	0	-5
Enlisted	-162	-2	0	0	0	0	-164
Students	0	0	0	0	0	0	0
Civilians	94	3	0	0	0	0	97
TOTAL	-68	-1	-3	0	0	0	-72

BASE POPULATION (Prior to BRAC Action) FOR: Langley AFB, VA (MUHJ)

Officers	Enlisted	Students	Civilians
1,847	6,561	0	1,952

PERSONNEL REALIGNMENTS:

To Base: Tyndall AFB, FL (XLWU)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	11	0	0	0	0	11

TOTAL PERSONNEL REALIGNMENTS (Out of Langley AFB, VA (MUHJ)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	11	0	0	0	0	11

SCENARIO POSITION CHANGES FOR: Langley AFB, VA (MUHJ)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	-8	0	0	0	0	-8
Civilians	0	0	0	0	0	0	0
TOTAL	0	-8	0	0	0	0	-8

BASE POPULATION (After BRAC Action) FOR: Langley AFB, VA (MUHJ)

Officers	Enlisted	Students	Civilians
1,847	6,542	0	1,952

PERSONNEL SUMMARY FOR: Tyndall AFB, FL (XLWU)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
618	3,248	81	613

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: Tyndall AFB, FL (XLWU)

	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	-1	0	0	0	0
Enlisted	85	-4	-3	0	0	0	78
Students	0	0	0	0	0	0	0
Civilians	28	-1	0	0	0	0	27

Department : USAF
 Scenario File : N:\IEB Files\IEBB\COBRA Team\USAF 0105V2 (907c1)\COBRA USAF 0105v2 (S907c1).CBR
 Option Pkg Name: USAF 0105V2 (S907c1) Establish F-15 Avionics CIRF .CBR
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

BASE POPULATION (Prior to BRAC Action) FOR: Tyndall AFB, FL (XLWU)

Officers	Enlisted	Students	Civilians
618	3,326	81	640

PERSONNEL REALIGNMENTS:

From Base: Langley AFB, VA (MUHJ)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	11	0	0	0	0	11

TOTAL PERSONNEL REALIGNMENTS (Into Tyndall AFB, FL (XLWU)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	11	0	0	0	0	11

BASE POPULATION (After BRAC Action) FOR: Tyndall AFB, FL (XLWU)

Officers	Enlisted	Students	Civilians
618	3,337	81	640

PERSONNEL SUMMARY FOR: BASE X (AIR FORCE), US (XUSAF)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: BASE X (AIR FORCE), US (XUSAF)

Officers	Enlisted	Students	Civilians
343	1,445	115	1,037

BASE POPULATION (After BRAC Action) FOR: BASE X (AIR FORCE), US (XUSAF)

Officers	Enlisted	Students	Civilians
343	1,445	115	1,037

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

USAF0105v2: AF Langely F-15 Avionics CIRF (907c1)

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

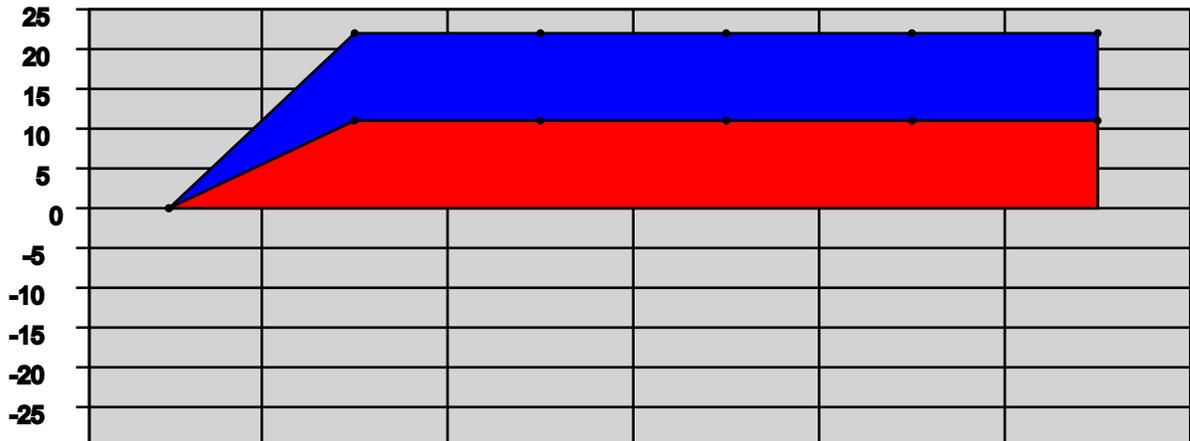
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Panama City-Lynn Haven, FL Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	152,313
ROI Employment (2002):	86,688
Authorized Manpower (2005):	4,560
Authorized Manpower(2005) / ROI Employment(2002):	5.26%
Total Estimated Job Change:	22
Total Estimated Job Change / ROI Employment(2002):	0.03%

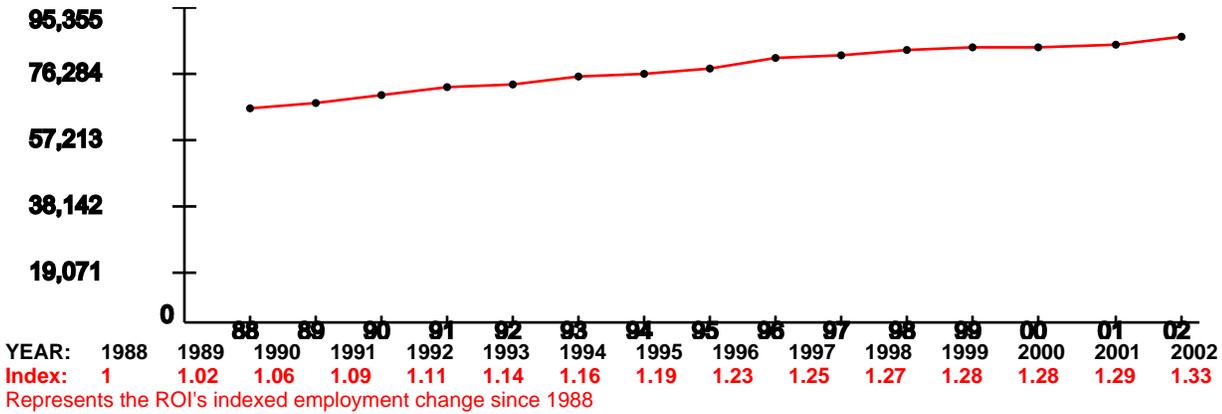
Cumulative Job Change (Gain/Loss) Over Time:



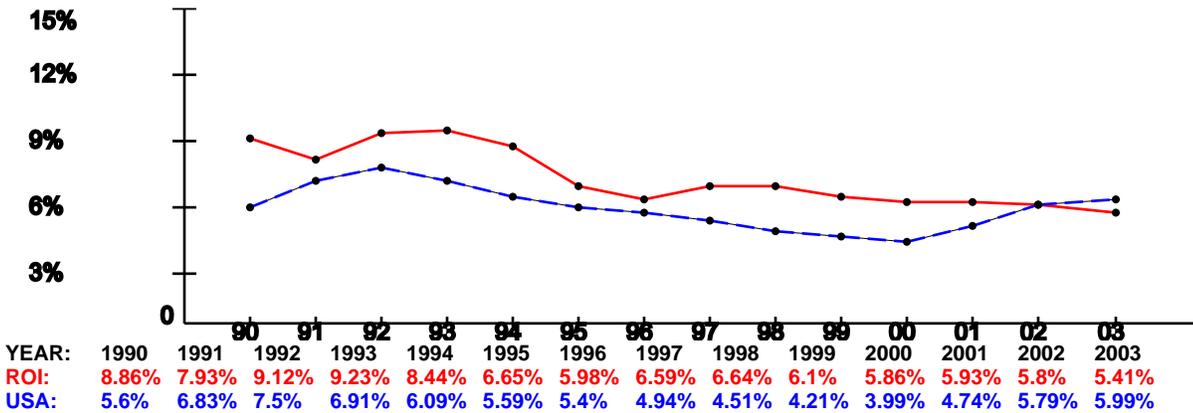
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	11	0	0	0	0
Direct Civilian:	0	0	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	11	11	11	11	11
Cum Indir/Induc:	0	11	11	11	11	11
Cumulative Total:	0	22	22	22	22	22

Panama City-Lynn Haven, FL Metropolitan Statistical Area Trend Data

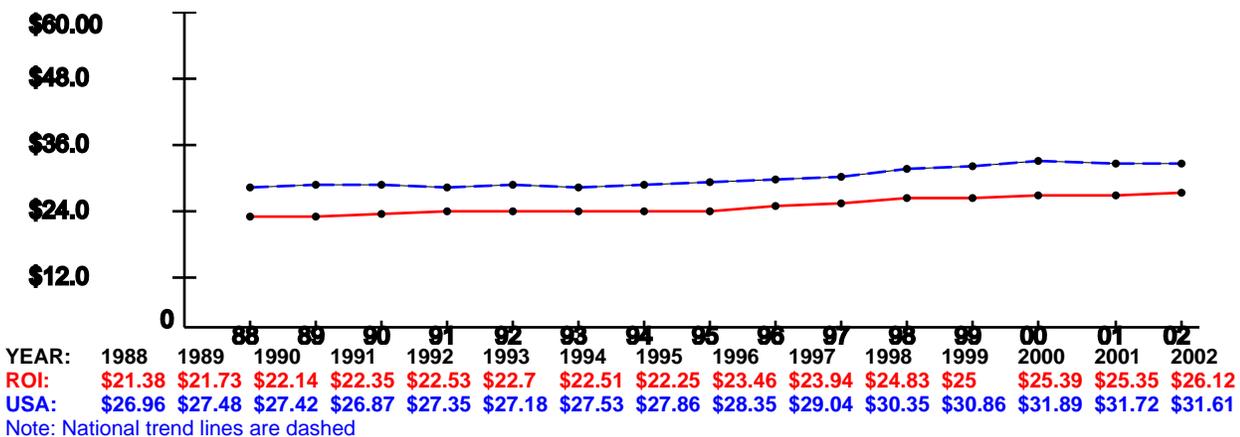
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



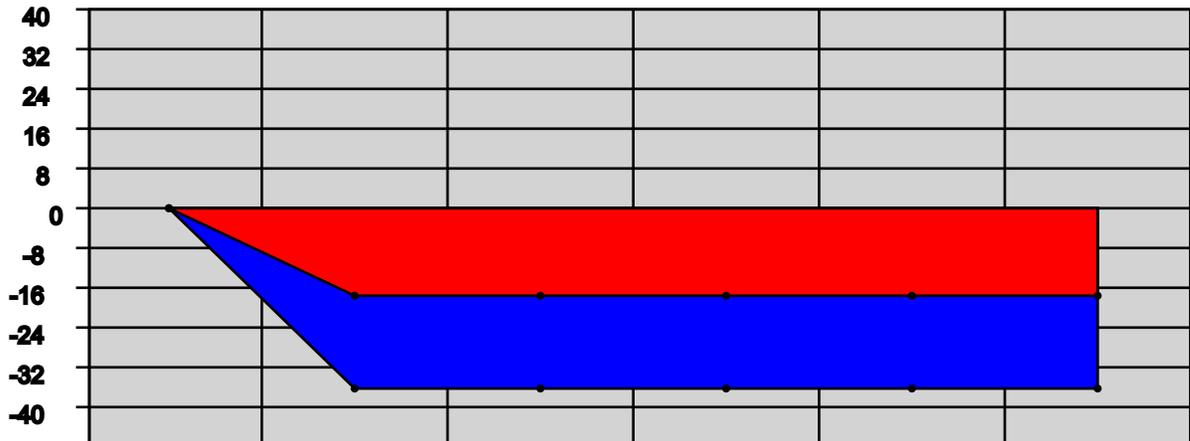
ECONOMIC IMPACT DATA

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

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 1,613,728
 ROI Employment (2002): 978,888
 Authorized Manpower (2005): 10,432
 Authorized Manpower(2005) / ROI Employment(2002): 1.07%
 Total Estimated Job Change: -39
 Total Estimated Job Change / ROI Employment(2002): -0%

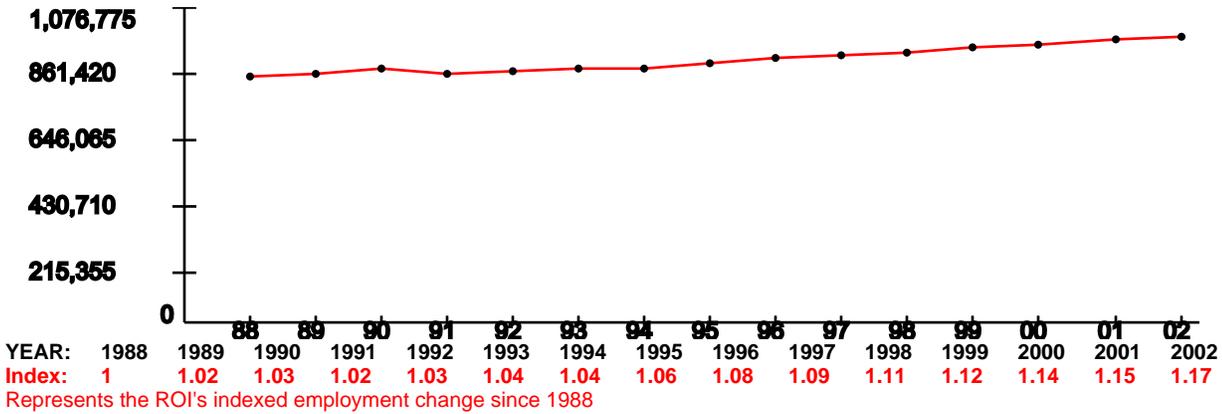
Cumulative Job Change (Gain/Loss) Over Time:



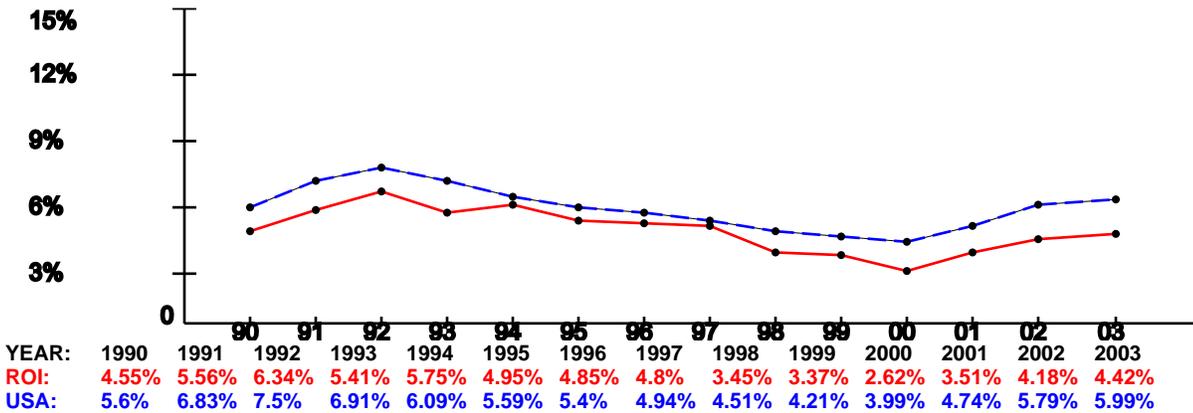
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	-19	0	0	0	0
Direct Civllian:	0	0	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	-19	-19	-19	-19	-19
Cum Indir/Induc:	0	-20	-20	-20	-20	-20
Cumulative Total:	0	-39	-39	-39	-39	-39

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

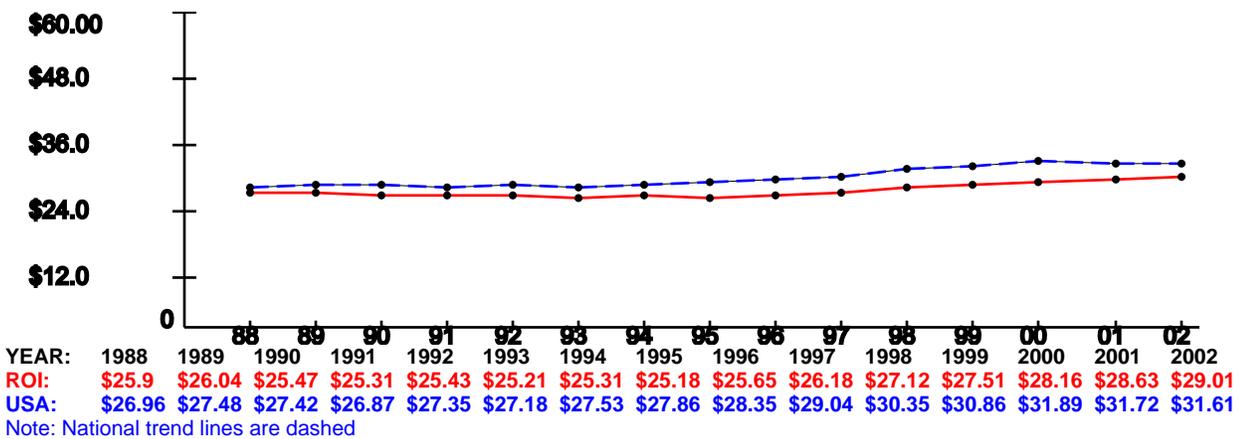
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



Criterion 7 Analysis Sheet--Data Reported from Criterion 7 Report Provided by SAF/IEB

SCENARIO #		USAF-0105V2 (907c1)	
Scenario Description			
Data Point	Base Name	Langley AFB	Tyndall AFB
Demographics	State	VA	FL
	Miles to Nearest City	0	120.6
	Nearest City	Hampton, VA	Tallahassee, FL
	MSA Name	Norfolk-Virginia Beach-Newport News, VA-NC MSA	Panama City, FL MSA
	MSA Population	1,569,541	148,217
	Population of MHA	498,537	161,549
Child Care	Number of accredited child-care centers	15	4
Cost of Living	Median Household Income (US Avg \$41,994)	42,448	36,092
	Median House Value (US Avg \$119,600)	110,100	93,500
	GS Locality Pay ("Rest of US" 10.9%)	10.9	10.9
	O-3 with Dependents BAH Rate	1,074	1,042
	In-state Tuition for Family Member	No	Yes
	In-state Tuition Continues if PCS Out of State	No	Yes
Education	School District(s) Capacity	302,167	28,121
	Students Enrolled	282,383	29,135
	Average Pupil/Teacher Ratio	14.2	20.0
	High School Students Enrolled	81,554	8,306
	Average Composite SAT I Score (US Avg 1026)	930	1026
	Average ACT Score (US Avg 20.8)	20.5	21.0
	Average High School Grad Rate (US Avg 67.3%)	80.5	77.5
	Available Graduate/PhD Programs	4	3
	Available Colleges and/or Universities	8	4
	Available Vocational and/or Technical Schools	4	1
Employment	1999 Unemployment Rate (National Avg: 4.2%)	3.4	6.1
	2000 Unemployment Rate (National Avg: 4.0%)	2.6	5.9
	2001 Unemployment Rate (National Avg 4.7%)	3.5	5.9
	2002 Unemployment Rate (National Avg: 5.8%)	4.2	5.8
	2003 Unemployment Rate (National Avg 6.0%)	4.4	5.4
	1999 Job Growth Rate (National Avg: 1.5%)	0.1	1.2
	2000 Job Growth Rate (National Avg: 2.4%)	1.3	-1.5
	2001 Job Growth Rate (National Avg: .03%)	1.1	1.1
	2002 Job Growth Rate (National Avg: -.31%)	1.7	3.0
	2003 Job Growth Rate (National Avg: .86%)	1.9	2.8
Housing	Total Vacant Housing Units	41,676	18,838
	Vacant Rental Units	13,560	5,446
	Vacant Sale Units	7,856	1,312
Medical Providers	Local Community--Number of Physicians	3599	284
	Local Community--Number of Beds	2936	547
	Ratio--Physicians (National Avg--1:421.2)	436.1	521.9
	Ratio--Beds (National Avg--1:373.7)	534.6	271.0
Safety/Crime	Uniform Crime Reports (UCR) Index (National UCR 4,118.8)	4478.8	6240.9
Transportation	Distance to nearest commercial airport	12.0	25.0
	Served by regularly scheduled public transportation	Yes	No
Utilities	Can water system expand to support 1K new people?	Yes	Yes
	Can sewer system expand to support 1K new people?	Yes	Yes

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

Demographics: The Langley community offers a MSA population greater than 1.56M; the Tyndall community offers a MSA population of 148K and is 120.6 miles from a city with a population of 100K or more

Child Care: All communities have nationally accredited child care facilities

Cost of Living: Data indicates only Langley's median household incomes is higher than the US average (exception: Tyndall), both communities median house values are less than the US average

Education: Data indicates the Tyndall community has exceeded its school district capacity; both communities offer HS graduation rates that exceed the US average; only Tyndall has ACT and SAT scores that meet or exceed the US average

Employment: In 2003, data indicates that both communities have lower unemployment rates than the US average; in 2003, data indicates both communities have higher job growth rates than the US average

Housing: Data indicates there are no housing availability issues for each community

Medical Providers: Data indicates the Langley community and Tyndall communities have higher physician ratios than the US average; Langley has a higher bed ratio than the US average (exception: Tyndall)

Safety/Crime: Data indicates that both communities have a higher crime report index than the US average

Transportation: Data indicates the Langley community offers a commercial airport within 12 miles of the installation, the Tyndall community offers a commercial airport within 25 miles of the installation; Of the two communities, Langley offers regularly scheduled public transportation

Utilities: All communities can expand to support increases in water and sewer usage for 1K new people

Langley AFB, VA

Demographics

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

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

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

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

Child Care

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

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg \$41,994)	\$42,448	Basis: MSA
Median House Value	(US Avg \$119,600)	\$110,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,074	

In-state Tuition for Family Member	No	
In-state Tuition Continues if Member PCSs Out of State	No	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, 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. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	302,167	14 of 14 districts
Students Enrolled	282,383	14 of 14 districts
Average Pupil/Teacher Ratio	14.2:1	14 of 14 districts
High School Students Enrolled	81,554	14 of 14 districts
Average High School Graduation Rate (US Avg 67.3%)	80.5%	14 of 14 districts
Average Composite SAT I Score (US Avg 1026)	930	14 of 14 districts
Average ACT Score (US Avg 20.8)	20	3 of 14 districts, 11 MFRs
Available Graduate/PhD Programs	4	
Available Colleges and/or Universities	8	
Available Vocational and/or Technical Schools	4	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	3.4%	2.6%	3.5%	4.2%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

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

	1999	2000	2001	2002	2003
Local Data	.1%	1.3%	1.1%	1.7%	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. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	41,676	Basis: MSA
Vacant Sale Units	7,856	
Vacant Rental Units	13,560	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	3,599	2,936	1,569,541	Basis: MSA
Ratio	1:436	1:535		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	4,478.8	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 Langley AFB to nearest commercial airport: 12.0 miles
Is Langley 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

Tyndall AFB, FL

Demographics

The following tables provide a short description of the area near the installation/activity. Tyndall AFB is 120.6 miles from Tallahassee, FL, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Panama City, FL MSA	148,217

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

County/City	Population
Bay	148217
Gulf	13332
Total	161,549

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 4

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. For

median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income (US Avg \$41,994)	\$36,092	Basis: MSA
Median House Value (US Avg \$119,600)	\$93,500	
GS Locality Pay (“Rest of US” 10.9%)	10.9%	
O-3 with Dependents BAH Rate	\$1,042	
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, 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. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	28,121	2 of 2 districts
Students Enrolled	29,135	2 of 2 districts
Average Pupil/Teacher Ratio	20.0:1	2 of 2 districts
High School Students Enrolled	8,306	2 of 2 districts
Average High School Graduation Rate (US Avg 67.3%)	77.5%	2 of 2 districts
Average Composite SAT I Score (US Avg 1026)	1026	2 of 2 districts
Average ACT Score (US Avg 20.8)	21	2 of 2 districts
Available Graduate/PhD Programs	3	
Available Colleges and/or Universities	4	
Available Vocational and/or Technical Schools	1	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For

each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	6.1%	5.9%	5.9%	5.8%	5.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

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

	1999	2000	2001	2002	2003
Local Data	1.2%	-1.5%	1.1%	3.0%	2.8%
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. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	18,838	Basis: MSA
Vacant Sale Units	1,312	
Vacant Rental Units	5,446	

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. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	284	547	148,217	Basis: MSA
Ratio	1:522	1:271		
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 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	6,240.9	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 Tyndall AFB to nearest commercial airport: 25.0 miles

Is Tyndall AFB served by regularly scheduled public transportation? No

Utilities

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

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

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

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 0105V2 (907c1)

Brief Description: Realign Langley AFB, Virginia. Realign base-level F-15 avionics intermediate maintenance from Langley AFB into a Centralized Intermediate Repair Facility (CIRF) at Tyndall AFB for F-15 avionics.

<u>General Environmental Impacts</u>	
Environmental Resource Area	Langley (Losing)
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>	
	Langley (Losing)
Environmental Restoration	DERA money spent through FY03 (\$K): 52,000 Estimated CTC (\$K): 27,000 DO NOT ENTER IN COBRA
Waste Management	FY07 Hazardous Waste Program Modification: Scenario \$0K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$0K / Cumulative \$318K FY07 Air Conformity Analysis: Scenario \$0K / Cumulative \$50K

	<p>FY07 Conformity Determination: Scenario \$0K / Cumulative \$100K FY07 Air Emissions Credits: Scenario \$0K / Cumulative \$655K FY07 Significant Air Permit Revision: Scenario \$0K / Cumulative \$200K</p>
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<u>General Environmental Impacts</u>	
Environmental Resource Area	Tyndall
Air Quality	Base is in attainment for all pollutants. A Critical Air Quality Region is located within 100 miles of the installation, but this does not impact operations. A significant air permit revision is required.
Cultural/ Archeological/ Tribal Resources	There are limitations to fee-simple ownership due to on-base cemeteries. There are native people sites. 21 of 21 archaeological sites constrain current and future construction because data recovery would be required. There are 18 native American tribes interested in the area; however, none have been in contact with the installation. One historic property is present. Additional operations may impact these areas, which may constrain operations.
Dredging	The base dredges 5,200 CY per year (based on 10-year average). The dumping site for spoils has 50,000 CY remaining capacity.
Land Use Constraints/ Sensitive Resource Areas	Eight sensitive resource areas exist; three of these impact operations. These sites restrict base ops by requiring minimum AGL for flights within 1 mile of these areas. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	No increase in off-base noise is expected
Threatened& Endangered Species/ Critical Habitat	T&E species and/or critical habitats already restrict operations with a Biological Opinion. Additional operations may impact T&E species and/or critical habitats. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it.
Waste Management	Modification of the hazardous waste program is required.
Water Resources	No impact
Wetlands	Wetlands restrict 39% of the base by requiring permits and mitigation. Additional operations may further impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Tyndall
Environmental Restoration	DERA money spent through FY03 (\$K): 27086 Estimated CTC (\$K): 82705 DO NOT ENTER IN COBRA
Waste Management	FY07 Modification of hazardous waste program: Scenario \$100K / Cumulative \$100K
Environmental Compliance	FY06 NEPA Documentation: : Scenario \$48K / Cumulative \$48K FY07 Significant Air Permit Revision: : Scenario \$100K / Cumulative \$100K