

Duluth International Airport Air Guard Station, MN

Recommendation: Realign Duluth International Airport Air Guard Station, Minnesota by retiring the 148th Fighter Wing's F-16s (15 aircraft).

Justification: Duluth (136) ranked low in military value. The reduction in F-16 force structure and the need to align common versions of the F-16 at the same bases argued for realigning Duluth to an ASA site using aircraft assigned elsewhere and operating from Duluth on rotational basis as tasked by US Northern Command. The 148th Fighter Wing's expeditionary combat support will remain at Duluth supporting the air sovereignty alert (ASA) facility.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$2.1 million. The net of all costs and savings to the Department during the implementation period is a savings of \$0.2 million. Annual recurring savings to the Department after implementation are \$0.8 million with a payback expected in five years. The net present value of the costs and savings to the Department over 20 years is a savings of \$7.8 million.

Economic Impact on Communities: This recommendation will result in any job reductions (direct or indirect) over the 2006-2011 period in the Duluth, Minnesota-Wisconsin Metropolitan Statistical economic area. 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 no anticipated impacts to air quality; cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; water resources; or wetlands. No impacts are anticipated for the costs of environmental restoration, environmental compliance, or waste management activities. 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.

Fighter

Rank	Base	Fighter	Current / Future Mission	Condition of Infrastructure	Contingency, Mobilization, Future Forces	Cost of Ops / Manpower
1	Seymour Johnson AFB	83.24	77.95	89.63	80.45	85.03
2	Langley AFB	82.84	87.59	80.51	72.12	77.2
3	Eglin AFB	81.4	74.55	83.97	100	90.39
4	Hurlburt Field	77.43	76.75	84.64	48.05	87.18
5	MacDill AFB	75.6	70.48	78.78	85.77	76.56
6	Tyndall AFB	73.63	64.75	83.78	68	90.98
7	Shaw AFB	72.2	59.83	84.47	74.79	85.64
8	Edwards AFB	71.92	68.64	76.49	75.87	40.87
9	Moody AFB	70.8	57.19	82.55	79.47	91.37
10	Holloman AFB	69.82	60.27	81.84	62.59	75.23
11	Eielson AFB	69.09	58.65	80.9	81.32	16.54
12	Luke AFB	69.06	65.65	79.48	41.64	68.92
13	Nellis AFB	68.73	60.85	82.32	54.77	43.94
14	Hill AFB	68.02	56.88	76.08	83.39	77.82
15	Dover AFB	66.69	61.48	78.78	40.99	64.93
16	Kirtland AFB	66.44	55.39	78.12	67.96	69.56
17	Pope AFB	65.86	58.95	77.74	43.27	86.08
18	Patrick AFB	64.96	71.07	61.64	50.22	66.83
19	Charleston AFB	64.94	59.12	66.51	82.49	75.49
20	March ARB	64.84	68.31	71.06	27.89	45.41
21	Andrews AFB	64.83	63.23	67.83	65.5	41.74
22	Davis-Monthan AFB	63.83	50.51	79.71	57.21	71.89
23	Mountain Home AFB	63.01	48.16	75.17	79.54	68.58
24	Jacksonville IAP AGS	61.8	73.95	54.71	31.25	77.87
25	Barksdale AFB	61.49	43.76	71.35	97.29	80.79
26	Altus AFB	61.43	53.79	62.69	86.47	80.99
27	Little Rock AFB	60.78	46.05	71.32	78.03	88.12
28	McChord AFB	60.73	49.83	77.97	40.23	57.08
29	Fairchild AFB	60.32	43.09	74.35	77.86	73.99
30	Maxwell AFB	59.61	61.81	64.46	22.86	85.68
31	Homestead ARS	59.17	52.11	70.75	44.96	53.65
32	Robins AFB	59.13	47.51	66.23	76	87.45
33	Indian Springs AFS	59.11	60.96	62.87	38.84	43.94
34	Dyess AFB	58.96	40.51	76.07	68.18	77.64
35	Tinker AFB	58.47	49.29	62.76	75.96	85.8
36	Elmendorf AFB	58.35	37.02	78.71	84.41	8.86
37	Whiteman AFB	58.18	39.23	72.69	80.97	74.42
38	Beale AFB	58.1	48.35	67.63	67.18	42.78
39	Ellsworth AFB	58.06	38.76	74.01	74.92	81.32
40	Savannah IAP AGS	57.8	65.2	55.63	26	84.65
41	McGuire AFB	57.02	44.52	70.22	64.69	37.26
42	Minot AFB	56.64	39.53	71.88	67.9	73.42
43	McConnell AFB	56.47	47.44	68.32	44	75.83
44	Travis AFB	56.42	45.93	74.31	38.42	24.22
45	Sheppard AFB	56.26	53.87	62.12	37.03	80.04
46	Grand Forks AFB	55.88	38.31	72.05	63.79	79.09
47	Lackland AFB	55.79	46.6	63.36	60.98	78.33
48	McEntire AGS	55.74	59.4	55.01	34.56	85.19
49	Richmond IAP AGS	55.34	66.15	52.13	13.98	75.18

Fighter

Rank	Base	Fighter	Current / Future Mission	Condition of Infrastructure	Contingency, Mobilization, Future Forces	Cost of Ops / Manpower
50	Cannon AFB	55.22	39.54	74.41	43.06	73.61
51	Wright-Patterson AFB	54.48	42.76	62.01	72.32	74.09
52	Hickam AFB	53.47	41.69	68.03	60.32	1.12
53	Phoenix Sky Harbor IAP AGS	52.3	62.83	45.3	28.91	68.42
54	Keesler AFB	52.07	59.95	47.57	26.19	85.3
55	Martin State APT AGS	51.42	61.01	48.71	16.83	58.71
56	Reno-Tahoe IAP AGS	51.34	61.17	47.23	24.11	47.47
57	Andersen AFB	51.26	37.23	67.15	62.55	0
58	Carswell ARS, NAS Fort Worth Joint Reserve	51.01	53.16	52.93	27.68	72.7
59	Boise Air Terminal AGS	50.86	46.69	56.24	40.75	78.4
60	Dannelly Field AGS	50.66	56.99	48.57	21.36	85.51
61	Atlantic City IAP AGS	50.22	53.44	50.22	37.74	41.33
62	Salt Lake City IAP AGS	50.13	60.83	42.03	29.21	71.72
63	Columbus AFB	49.85	40.27	54.88	61.78	94.97
64	Buckley AFB	49.82	43.25	55.99	53.35	53.78
65	Klamath Falls IAP AGS	49.81	39.6	66.48	22.71	69.01
66	Willow Grove ARS, NAS Willow Grove Joint Reserve	49.69	45.93	63.23	13.27	39.74
67	Tucson IAP AGS	49.54	50.59	51.5	30.82	72.7
68	Randolph AFB	48.7	44.96	49.93	53.43	78.51
69	Westover ARB	48.41	38.05	55.37	66.96	49.23
70	Selfridge ANGB	48.07	35.89	63.74	40.5	42.51
71	Scott AFB	47.91	46.43	52.26	35.09	53.95
72	Channel Islands AGS	47.27	46.92	52.73	32.3	23.21
73	Offutt AFB	47.16	43.03	50.37	46.36	73.2
74	Peterson AFB	46.82	44.97	50.41	36.55	61.91
75	Forbes Field AGS	46.55	44.27	49.3	38.02	77.32
76	Vandenberg AFB	46.05	31.09	59.43	62.81	32.48
77	Portland IAP AGS	45.95	38.07	56.19	36.22	60.13
78	Will Rogers World APT AGS	45.61	49.61	40.65	38.01	84.8
79	NAS New Orleans ARS	45.54	46.23	49.96	17.2	72.63
80	Ellington Field AGS	45.39	37.87	50.14	56.27	61.2
80	Vance AFB	45.39	42.69	51.09	23.57	87.75
82	Grissom ARB	45.2	36.85	50.37	55.24	73.25
83	Stewart IAP AGS	45.15	38.24	57.05	37.85	3.65
84	New Castle County Airport AGS	44.4	57.19	36.9	15.9	47.53
85	Moffett Federal Field AGS	44.05	46.92	50.38	11.68	15.79

Fighter

Rank	Base	Fighter	Current / Future Mission	Condition of Infrastructure	Contingency, Mobilization, Future Forces	Cost of Ops / Manpower
86	Ewvra Sheppard AGS	43.4	50.03	39.16	23.11	73.39
87	Fresno Air Terminal AGS	43.09	46.13	47.02	11.93	46.99
88	Otis AGB	42.83	28.15	56	55.91	42.04
89	Rickenbacker IAP AGS	42.74	39.57	50.05	19.92	71.11
90	Key Field AGS	42.66	43.27	40.54	40.48	75.4
91	Laughlin AFB	42.63	36.05	42.54	62.97	84.09
92	Lincoln MAP AGS	42.55	43.82	43.39	25.95	71.2
93	Memphis IAP AGS	42.44	41.35	43.82	33.43	75.57
94	Hancock Field AGS	42.03	35.71	45.6	50.23	66.32
95	Barnes MPT AGS	42.02	38.75	48.16	30.19	47.17
96	Luis Munoz Marin IAP AGS	41.83	52.6	39.02	10.87	14.06
97	Rosecrans Memorial APT AGS	41.25	38.89	42.16	38.2	81.65
98	Quonset State APT AGS	41.1	37.12	48.34	29.47	40.59
98	Nashville IAP AGS	41.1	41.57	39.78	35.03	78.64
100	Jackson IAP AGS	40.91	36.79	44.29	34.93	84.66
101	Pease International Trade Port AGS	40.83	38.23	45.08	36.8	33.8
102	Burlington IAP AGS	40.79	41.33	42.88	25.52	57.07
103	Kulis AGS	40.76	41.31	48.96	12.36	8.01
104	Dobbins ARB	40.33	39.32	43.6	24.63	67.58
105	Cheyenne APT AGS	40.13	38	41	39.11	68.7
106	Bradley IAP AGS	40.1	38.08	47.75	16.75	43.06
107	Harrisburg IAP AGS	39.79	41.24	43.04	12.19	69.5
108	Sioux Gateway APT AGS	39.5	31.47	46.88	35.58	79.98
109	Birmingham IAP AGS	39.24	37.95	38.69	37.65	77.96
110	F. S. Gabreski APT AGS	38.63	35.33	48.26	16.07	29.52
110	Fort Smith Regional APT AGS	38.63	39.63	36.31	31.14	88.84
112	Joe Foss Field AGS	38.59	30.04	46.09	36.91	77.92
113	Charlotte/Douglas IAP AGS	38.49	38.36	42.07	13.38	81.48
114	Tulsa IAP AGS	38.41	36.83	41.33	22.9	81.03
115	Capital APT AGS	38.18	38.51	39.2	27.74	57.09
116	Niagara Falls IAP ARS	38.13	28.96	47.01	39.09	55.66
117	Great Falls IAP AGS	37.85	31.45	44.04	35.35	62.23
118	W. K. Kellogg APT AGS	37.6	27.31	46.76	40.73	62.57
119	Hulman Regional APT AGS	37.45	36.53	40.99	15.84	82.24
120	Hanscom AFB	37.29	40.55	40.84	10.54	25.42
121	McGee Tyson APT AGS	37.24	35.63	38.3	28.11	86.02

Fighter

Rank	Base	Fighter	Current / Future Mission	Condition of Infrastructure	Contingency, Mobilization, Future Forces	Cost of Ops / Manpower
122	Dane County Regional - Truax Field AGS	37.22	32.04	45.99	18.5	61.55
123	Toledo Express APT AGS	36.85	32.71	38.44	40.29	72.76
124	Louisville IAP AGS	36.56	35.55	37.78	25.76	78.1
125	Hector IAP AGS	36.11	30.93	42.85	22.75	72.6
126	Arnold AFS	35.94	30.95	33	57.62	89.61
127	Lambert - St. Louis IAP AGS	35.93	37.28	38.26	14.14	59.7
128	Springfield-Beckley MPT AGS	35.37	35.33	35.31	26.8	71.74
129	Gen Mitchell IAP ARS	34.5	28.03	41.52	28.83	59.94
130	Fort Wayne IAP AGS	34.49	32.75	37.92	16.99	79.17
131	Bangor IAP AGS	34.47	27.19	37.72	47.2	63.61
132	Greater Peoria Regional APT AGS	34.4	34.13	33.86	32.89	54.24
133	Pittsburgh IAP AGS	34.04	22.6	45.14	31.81	69.3
134	Schenectady County APT AGS	33.59	33.31	33.66	27.95	60.05
135	Gen Mitchell IAP AGS	33.55	28.03	38.62	31.48	59.38
136	Duluth IAP AGS	32.55	23.88	40.48	31.03	66.75
137	Des Moines IAP AGS	32.35	28.67	35.92	23.34	76.75
138	Pittsburgh IAP ARS	30.86	22.6	37.3	32.36	69.59
139	Minn/St Paul IAP ARS	30.25	18.73	41.24	33.25	47.69
140	Mansfield Lahm MAP AGS	29.24	26.31	31.69	21.36	74.01
141	Youngstown-Warren Regional APT ARS	28.84	19.56	35.83	31.21	73.97
142	Yeager APT AGS	28.68	26.99	27.78	27.03	81.12
143	Goodfellow AFB	8	0	5.51	36.4	82.66
144	Brooks City-Base	7.87	0	5.51	36.4	77.48
145	Malmstrom AFB	7.5	0	5.51	36.4	62.67
146	Francis E. Warren AFB	6.79	0	5.51	27.41	70.53
147	Schriever AFB	6.41	0	5.51	27.31	55.46
148	Rome Laboratory	5.55	0	5.51	16.8	63.1
149	Air Reserve Personnel Center (ARPC)	5.32	0	5.51	16.8	53.84
150	United States Air Force Academy	5.22	0	5.51	13.92	61.68
151	Cheyenne Mountain AFS	4.87	0	5.51	11.89	55.61
152	Bolling AFB	4.22	0	5.51	9.07	40.62
153	Onizuka AFS	3.72	0	5.51	10.08	16.85
154	Los Angeles AFB	3.08	0	5.51	1.94	23.81



Duluth, MN Overview

As of	30 Sep 2005	30 Sep 2011
Assigned Weapon System Type(s) (MDS)	F-16	F-16
Total PAA	15	15
# Flying Squadrons	1	1
Total Available Aircraft Parking spaces	24	24
Unused Aircraft Parking Spaces	9	9

Template used	F-16
Standard PAA per squadron	24



Duluth, MN

Estimated Capacity after 2011

Weapon System Type (MDS)	JSF
Maximum Capacity	24



Duluth, MN

Estimated Costs to Robust

Template used	F-16
Robust to Typical Squadron	
Precluding Factor	None
Major Construction	0.0
Minor Construction	0.0
Natural Infrastructure	0.0
Other Procurement	0.0
Planning & Design	<u>0.0</u>
Total Cost to Robust	0.0



Duluth, MN

Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to Robust unit to “typical” squadron size: 24 PAI			
Air	Y		
AICUZ	Y		
Surface Land Access	Y		
Water Access	Y		
Water Discharge	Y		
Planning	N/A		
		Total Natural Infrastructure Capacity Cost	

Air Force Installation Capacity Summary

The installation capacity summary is a consolidation of data provided by the Air Force MAJCOM through a series of presentations in August of 2004. The goal of the summary was to capture and visually display the MAJCOM presented information for reference in a smaller, consolidated format.

Below are descriptions of the associated columns used in the spreadsheet:

1. **MDS** : Mission Design Series represents aircraft operating at the listed installation
2. **Blk / Model**: Reflects, where necessary, the specific Block of a given MDS operating at the location
3. **PAA Used**: Primary Aircraft Authorization identifies the optimal number aircraft per MDS for a squadron based on the Air Force's White Paper on Organizational Principles
4. **Total Acft #**: The total number of aircraft at the location (per MDS) based on MAJCOM Capacity briefings Aug 2004
5. **Squadron Equivalent In Place**: The number of equivalent squadrons at an installation determined by dividing the Total Aircraft by the PAA Used
6. **Squadron 1 thru 6**: X signifies a squadron currently (2006) in place. A shaded box represents a partial squadron (less than 1) that cannot be expanded. A box with a dollar value represents the ability to add a full squadron at that cost (in \$Millions). ** MAJCOMs were directed to provide estimates for adding up to 2 squadrons at installations.
7. **Total Capacity**: Is the total "Theoretical" capacity based on current aircraft capacity in squadrons as well as capacity that could be available (at a cost) up to 2 additional squadrons.

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
AETC	Altus	C-17	12	15	1.3	X	\$33.0	\$67.3				3
AETC	Altus	KC-135	16	24	1.5	X						1.5
PACAF	Andersen	B-52	12	0	0.0							0
PACAF	Andersen	RQ-4	18	0	0.0							0
AMC	Andrews	C-21	12	13	1.1	X						1.1
ANG	Andrews	C-38/C-40	6	6	1.0	X						1
ANG	Andrews	F-16	24	15	0.6	\$0.0						1
AFRC	Andrews	KC-135	16	8	0.5							0.5
AMC	Andrews	SAM/VC-25	8	18	2.3	X	X					2.3
AMC	Andrews	UH-1	6	15	2.5	X	X					2.5
ARMY	Andrews	VARIOUS	6	6	1.0	X						1
NAVY	Andrews	VARIOUS	24	30	1.3	X						1.3
OTHER	Andrews	VARIOUS	8	46	5.8	X	X	X	X	X		5.8
AFMC	Arnold	C-130	16	0	0.0	\$182.1	\$64.7					2
ANG	Atlantic City	F-16	24	15	0.6	\$0.0	\$42.8					2
ANG	Baltimore	A-10	24	15	0.6	\$0.0						1
ANG	Baltimore	C-130	16	8	0.5	\$0.0						1
ANG	Bangor, ME	KC-135	16	8	0.5	\$27.6						1
AFRC	Barksdale	A-10	24	17	0.7	\$3.3	\$34.4					2
AFRC	Barksdale	B-52	12	8	0.7							0.7
ACC	Barksdale	B-52	12	41	3.4	X	X	X	X	\$37.0	\$81.5	6

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ANG	Barnes, MA	A-10	24	15	0.6	\$0.0	\$40.7					2
AFRC	Beale	KC-135	16	8	0.5	\$22.5						1
ACC	Beale	RQ-4	18	51	2.8	X	X	\$0.0	\$54.3	\$61.2		5
ACC	Beale	T-38	24	13	0.5							0.5
ACC	Beale	U-2	18	34	1.9	X						1.9
ANG	Birmingham	KC-135	16	8	0.5	\$22.8						1
ANG	Boise	A-10	24	15	0.6	\$0.0	\$19.8	\$22.4				3
ANG	Boise	C-130	16	4	0.3	\$15.2	\$28.9					2
ANG	Bradley	A-10	24	15	0.6	\$0.0	\$47.2					2
ANG	Buckley	F-16	24	15	0.6	\$0.0						1
ANG	Burlington, VT	F-16	24	15	0.6	\$0.0						1
ACC	Cannon	F-16	24	69	2.9	X	X	\$0.0	\$18.0	\$35.1		5
ACC	Cannon (FMS)	F-16	24	10	0.4							0.4
ANG	Capital, IL	F-16	24	15	0.6	\$0.0						1
ANG	Channel Islands	C-130	16	12	0.8	\$0.0						1
AMC	Charleston	C-17	12	48	4.0	X	X	X				4
ANG	Charlotte, NC	C-130	16	8	0.5	\$0.0						1
ANG	Cheyenne, WY	C-130	16	8	0.5	\$15.3						1
ANG	Dannelly	F-16	24	15	0.6	\$0.0						1
ACC	Davis Monthan	A-10	24	75	3.1	X	X	X	\$32.5	\$32.8		5
ACC	Davis Monthan	EC-130	7	10	1.4	X						1.4

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equip In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ACC	Davis Monthan	HC-130	7	4	0.6							0.6
AFRC	Davis Monthan	HH-60	7	31	4.4	X	X	X	X	\$0.0	\$13.5	6.4
ACC	Davis Monthan	VARIOUS	14	14	1.0	X						1
ANG	Des Moines	F-16	24	15	0.6	\$0.0						1
AFRC	Dobbins	C-130	16	9	0.6	\$6.8						1
ARMY	Dobbins	VARIOUS	21	21	1.0	X						1
AMC	Dover	C-17	12	12	1.0	X	\$159.2					2
AMC	Dover	C-5	12	16	1.3	X						1.3
ANG	Duluth, MN	F-16	24	15	0.6	\$0.0						1
ACC	Dyess	B-1	12	35	2.9	X	X	\$0.0	\$63.4	\$98.3		5
AMC	Dyess	C-130	16	28	1.8	X						1.8
AFMC	Edwards	VARIOUS	24	44	1.8	X	\$0.0	\$30.5	\$18.2			4
ACC	Eglin	F-15	24	54	2.3	X	X	\$17.2	\$56.5			4
AFMC	Eglin	F-15	24	22	0.9	\$0.0	\$17.3	\$66.7				3
AFRC	Eglin	MC-130	7	14	2.0	X	\$4.2	\$48.6				3
AFRC	Eglin	MC-130	7	9	1.3	X						1.3
AFMC	Eglin	VARIOUS	24	0	0.0							0
ANG	Eielson	KC-135	16	8	0.5							0.5
PACAF	Eielson	A-10	24	18	0.8	\$0.0	\$113.1					2
PACAF	Eielson	F-16	24	18	0.8	\$57.9	\$306.1	\$398.5				3
ANG	Ellington Field, TX	F-16	24	15	0.6	\$0.0						1

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ACC	Ellsworth	B-1	12	29	2.4	X	X	\$16.4	\$53.1			4
PACAF	Elmendorf	C-12	12	3	0.3							0.3
PACAF	Elmendorf	C-17	12	8	0.7	\$8.1						1
PACAF	Elmendorf	E-3	6	2	0.3							0.3
PACAF	Elmendorf	F-15	24	42	1.8	X	\$0.0	\$185.0	\$237.6			4
PACAF	Elmendorf	F-15	24	18	0.8							0.8
ANG	Fairchild	KC-135	16	9	0.6	\$15.8						1
AMC	Fairchild	KC-135	16	38	2.4	\$12.1	\$10.5	\$30.8				3
AETC	Fairchild	UH-1	6	3	0.5							0.5
ANG	Forbes Field, KS	KC-135	16	8	0.5	\$6.6	\$46.0					2
ANG	Fort Smith	F-16	24	15	0.6	\$0.0						1
ANG	Fort Wayne, IN	F-16	24	15	0.6	\$0.0						1
ANG	Fort Worth	C-130	16	8	0.5	\$11.7						1
AFRC	Fort Worth	F-16	24	17	0.7	\$12.1						1
ANG	Fresno	F-16	24	15	0.6	\$0.0						1
ANG	Gabreski, NY	HC-130	7	4	0.6	\$0.2						1
ANG	Gabreski, NY	HH-60	7	5	0.7	\$0.0						1
AFRC	Gen Mitchell	C-130	16	9	0.6	\$5.5						1
AMC	Grand Forks	KC-135	16	36	2.3	X	X					2.3
ANG	Great Falls, MT	F-16	24	15	0.6	\$0.0						1
AFRC	Grissom	KC-135	16	16	1.0	X	\$25.7					2

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equip In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ANG	Hancock, NY	F-16	24	15	0.6	\$0.0						1
ANG	Harrisburg, PA	EC-130	16	6	0.4							0.4
ANG	Hector, ND	F-16	24	15	0.6	\$0.0						1
ANG	Hickam	F-15	24	15	0.6	\$0.0						1
ANG	Hickam	KC-135	16	8	0.5							0.5
PACAF	Hickam	C-17	12	8	0.7	\$11.1	\$154.8	\$164.7				3
PACAF	Hickam	C-37/C-40	2	2	1.0	X						1
AFRC	Hill	F-16	24	17	0.7	\$1.6	\$30.1					2
AFMC	Hill	F-16	24	4	0.2	\$74.7	\$96.2					2
ACC	Hill	F-16	24	76	3.2	X	X	X	\$65.1	\$67.5		5
ACC	Holloman	F-117	24	51	2.1	X	X	\$25.9	\$55.6			4
ACC	Holloman	MQ1/9	32	24	0.8							0.8
ACC	Holloman	QF-4	24	20	0.8							0.8
ACC	Holloman	T-38	24	14	0.6							0.6
ACC	Holloman	Tornado	24	42	1.8	X						1.8
AFRC	Homestead	F-16	24	17	0.7	\$4.5	\$21.2					2
ANG	Hulman	F-16	24	15	0.6	\$0.0						1
AFSOC	Hurlburt	AC-130	7	33	4.7	X	X	X	X	\$49.9	\$33.8	6
AFSOC	Hurlburt	MH-53	7	17	2.4	X	X					2.4
AFSOC	Hurlburt	VARIOUS	5	5	1.0	X						1
ACC	Indian Sprs AS	MQ1/9	32	100	3.1	X	X	X	\$39.0	\$41.3		5

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ANG	Jackson	C-17	12	8	0.7	\$4.9						1
ANG	Jacksonville	F-15	24	15	0.6	\$0.0						1
ANG	Joe Foss Field	F-16	24	15	0.6	\$0.4	\$29.8					2
AFRC	Keesler	C-130	16	18	1.1	X						1.3
ANG	Key Field	KC-135	16	9	0.6	\$11.0						1
AETC	Kirtland	CV-22	7	6	0.9	\$0.0	\$14.8	\$89.0				3
ANG	Kirtland	F-16	24	15	0.6	\$0.0						1
AETC	Kirtland	HC-130	16	12	0.8							0.8
AETC	Kirtland	HH-60	7	13	1.9	X						1.9
ANG	Klamath Falls	F-15	24	15	0.6	\$0.0	\$59.6					2
ANG	Kulis, AK	C-130	16	8	0.5							0.5
ANG	Kulis, AK	HC-130	7	3	0.4							0.4
ANG	Kulis, AK	HH-60	7	5	0.7							0.7
AFRC	Lackland	C-5	12	16	1.3	X	\$78.8					2
ANG	Lackland (Kelly Field)	F-16	24	18	0.8	\$0.0	\$44.8					2
ANG	Lambert, MO	F-15	24	15	0.6	\$0.0						1
ACC	Langley	F-22	24	75	3.1	X	X	X	\$38.6	\$65.9		5
ANG	Lincoln, NE	KC-135	16	8	0.5							0.5
ANG	Little Rock	C-130	16	8	0.5							0.5
AETC	Little Rock	C-130	16	69	4.3	X	X	X	X			6.8
ANG	Louisville, KY	C-130	16	8	0.5	\$0.0						1

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
AFRC	Luke	F-16	24	17	0.7	\$4.6						1
AETC	Luke	F-16	24	163	6.8	X	X	X	X	X	X	6.8
AETC	Luke (FMS)	F-16	24	23	1.0	X						1
AMC	MacDill	KC-135	16	33	2.1	X	\$28.4	\$105.9				3
NOAA	MacDill	VARIOUS	13	13	1.0	X						2
ANG	Madison, WI	F-16	24	15	0.6	\$0.0						1
ANG	Mansfield, OH	C-130	16	8	0.5							0.5
AFRC	March	C-17	12	8	0.7	\$14.7	\$72.5					2
ANG	March	KC-135	16	9	0.6							0.6
AFRC	March	KC-135	16	8	0.5	\$7.6						1
ANG	Martinsburg, WV	C-5	12	10	0.8	\$4.8						1
AFRC	Maxwell	C-130	16	9	0.6							0.6
AMC	McChord	C-17	12	42	3.5	X	X	X	\$205.0	\$253.8		5
ANG	McConnell	KC-135	16	9	0.6	\$0.0						1
AMC	McConnell	KC-135	16	58	3.6	X	X	X				3.6
ANG	McEntire, SC	F-16	24	15	0.6	\$0.3	\$53.5					2
ANG	McGhee Tyson, TN	KC-135	16	8	0.5	\$32.7						1
AMC	McGuire	C-17	12	12	1.0	X						1
AMC	McGuire	KC-10	12	30	2.5	X	X	\$132.4	\$223.4			4
ANG	McGuire	KC-135	16	16	1.0	X						1
ANG	Memphis, TN	C-5	12	8	0.7	\$4.4						1

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ANG	Milwaukee, WI	KC-135	16	9	0.6	\$45.1						1
AFRC	Minneapolis	C-130	16	16	1.0	X						1
ANG	Minneapolis- St. Paul, MN	C-130	16	8	0.5							0.5
ACC	Minot	B-52	12	35	2.9	X	X	\$0.0	\$67.2	\$114.6		5
ACC	Minot	UH-1	6	6	1.0	X						1
ANG	Moffett	HH-60	7	5	0.7	\$0.0						1
ANG	Moffett	MC-130	7	4	0.6	\$0.0						1
AFSOC	Moody	HC-130	7	12	1.7	X	X	\$13.4	\$23.3			4
AFSOC	Moody	HH-60	7	16	2.3	X	X					2.3
AFSOC	Moody	T-38	24	55	2.3	X	X					2.3
AFSOC	Moody	T-6A	24	39	1.6	X						1.6
ACC	Mt Home	F-15	24	49	2.0	X	X	\$24.8	\$33.3			4
ACC	Mt Home	F-16	24	22	0.9							0.9
ANG	Nashville, TN	C-130	16	8	0.5	\$0.0						1
ACC	Nellis	A-10	24	10	0.4							0.4
ACC	Nellis	F-15	24	32	1.3	X	\$88.4	\$89.0				3
ACC	Nellis	F-16	24	53	2.2	X	X					2.2
ACC	Nellis	F-22	24	17	0.7							0.7
AFSOC	Nellis	HH-60	7	16	2.3	X	X					2.3
ACC	Nellis	JSF	24	14	0.6							0.6
ANG	New Castle	C-130	16	8	0.5	\$28.6						1

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
AFRC	New Orleans	A-10	24	17	0.7	\$32.9						1
ANG	New Orleans	F-15	24	15	0.6	\$0.0						1
AFRC	Niagara	C-130	16	11	0.7	\$20.3						1
ANG	Niagara	KC-135	16	8	0.5							0.5
ACC	Offutt	E-4	5	4	0.8							0.8
ACC	Offutt	E-6	6	2	0.3							0.8
ACC	Offutt	RC-135	5	17	3.4	X	X	X	\$56.5			4
ANG	Otis ANG	F-15	24	15	0.6	\$0.5						1
AFRC	Patrick	HC-130	7	5	0.7	\$3.7						1
AFRC	Patrick	HH-60	7	9	1.3	X						1.1
AFRC	Patrick	VARIOUS	8	8	1.0	X						1
ANG	Pease, NH	KC-135	16	9	0.6	\$17.7						1
ANG	Peoria	C-130	16	8	0.5	\$43.1						1
AFRC	Peterson	C-130	16	12	0.8							0.8
AMC	Peterson	C-21	12	10	0.8							0.8
AFSPC	Peterson	VARIOUS	13	13	1.0	X						1
ANG	Phoenix	KC-135	16	8	0.5							0.5
AFRC	Pittsburgh	C-130	16	9	0.6							0.6
ANG	Pittsburgh	KC-135	16	16	1.0	X						1
AMC	Pope	A-10	24	36	1.5	X						1.5
AMC	Pope	C-130	16	28	1.8	X	\$0.0	\$72.9	\$125.4			4

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equiv In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
AMC	Pope	VARIOUS	11	11	1.0	X						1
ANG	Portland	F-15	24	15	0.6	\$0.0						1
AFRC	Portland	KC-135	16	8	0.5							0.5
ANG	Quonset, RI	C-130	16	8	0.5	\$29.4						1
ANG	Reno, NV	C-130	16	8	0.5							0.5
ANG	Richmond, VA	F-16	24	15	0.6	\$0.0						1
ANG	Rickenbacker AGS, OH	KC-135	16	18	1.1	X						1.1
ANG	Robins	E-8	16	14	0.9	\$0.0						1
AMC	Robins	KC-135	16	12	0.8							0.8
ANG	Rosecrans, MO	C-130	16	8	0.5							0.5
ANG	Salt Lake City, UT	KC-135	16	8	0.5	\$45.9						1
ANG	San Juan	C-130	16	8	0.5							0.5
ANG	Savannah	C-130	16	8	0.5	\$11.3						1
ANG	Schenectady	C-130	16	14	0.9							0.9
AMC	Scott	C-21	12	14	1.2	X	\$29.2					2
AFRC	Scott	C-9	6	6	1.0	X						1
ANG	Scott	KC-135	16	8	0.5							0.5
ANG	Selfridge	C-130	16	8	0.5	\$21.8	\$26.3					2
ANG	Selfridge	F-16	24	15	0.6	\$0.0						1
AFRC	Selfridge	KC-135	16	8	0.5	\$9.3						1
ACC	Seymour Johnson	F-15	24	96	4.0	X	X	X	X	\$53.5	\$75.0	6

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equip In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
AFRC	Seymour Johnson	KC-135	16	8	0.5	\$9.6						1
ACC	Shaw	F-16	24	78	3.3	X	X	X	\$7.1	\$18.4		5
ANG	Sioux City	KC-135	16	8	0.5							0.5
ANG	Springfield, OH	F-16	24	18	0.8	\$0.0	\$45.3					2
ANG	Stewart, NY	C-5	12	12	1.0	X						1
ACC	Tinker	E-3	6	24	4.0	X	X	X	X			4
OTHER	Tinker	E-6	6	18	3.0	X	X	X				3
AFRC	Tinker	KC-135	16	8	0.5							0.5
ANG	Toledo, OH	F-16	24	15	0.6	\$0.0						1
AMC	Travis	C-17	12	12	1.0	X						1
AMC	Travis	C-5	12	16	1.3	X						1.3
AMC	Travis	E-6	6	2	0.3							0.3
AMC	Travis	HC-130	7	4	0.6							0.6
AMC	Travis	KC-10	12	24	2.0	X	X	\$123.9	\$204.2			4
ANG	Tucson	F-16	24	62	2.6	X	X					2.6
ANG	Tulsa, OK	F-16	24	15	0.6	\$0.0						1
AETC	Tyndall	F-15	24	61	2.5	X	X					2.5
AETC	Tyndall	F-22	24	50	2.1	X	X	\$198.3	\$30.6			4
ANG	W.K. Kellogg, MI	A-10	24	15	0.6	\$0.0	\$44.4					2
AFRC	Westover	C-5	12	16	1.3	X	\$173.6					2
AFRC	Whiteman	A-10	24	17	0.7	\$6.4						1

MAJCOM	Installation	MDS	PAA Used	Total Acft #	Sqdn Equip In Place	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Capacity (Squadrons)
ANG	Whiteman	AH-64	7	7	1.0	X						1
ACC	Whiteman	B-2	8	20	2.5	X	X					2.5
ANG	Whiteman	OH-58	7	10	1.4	X						1.4
ACC	Whiteman	T-38	24	14	0.6							0.6
ANG	Will Rogers, OK	C-130	16	8	0.5	\$31.0						1
ANG	Willow Grove	A-10	24	15	0.6	\$0.0						1
AFRC	Willow Grove	C-130	16	8	0.5	\$55.3						1
AFMC	Wright Patt	C-17	12	0	0.0	\$246.6						1
AMC	Wright Patt	C-21	12	13	1.1	X						1.1
AFRC	Wright Patt	C-5	12	11	0.9	\$5.0						1
ANG	Yeager, WV	C-130	16	8	0.5							0.5
AFRC	Youngstown	C-130	16	12	0.8	\$0.4						1

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2006
 Payback Year : 2011 (5 Years)

NPV in 2025(\$K): -7,834
 1-Time Cost(\$K): 2,129

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	173	1,919	0	0	0	0	2,092	0
Person	0	0	0	0	0	0	0	0
Overhd	0	19	19	-757	-794	-794	-2,307	-794
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	173	1,938	19	-757	-794	-794	-215	-794

	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	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

Summary:

 Realign Duluth IAP AGS. The 148th Fighter Wing's (ANG) F-16 Block 25 aircraft (15 PAA) will retire. The wing's ECS elements will remain in place. Duluth retains the capability to support the Homeland Defense mission.

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 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	173	1,919	0	0	0	0	2,092	0
Person	0	0	0	0	0	0	0	0
Overhd	0	19	19	56	19	19	131	19
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	173	1,938	19	56	19	19	2,223	19

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	0	0	0	0	0
Overhd	0	0	0	813	813	813	2,438	813
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	0	0	813	813	813	2,438	813

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base	Personnel			
	Start*	Finish*	Change	%Change
Duluth IAP AGS	324	324	0	0%
TOTAL	324	324	0	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
Duluth IAP AGS	281,000	198,000	-83,000	-30%	0
TOTAL	281,000	198,000	-83,000	-30%	0

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
Duluth IAP AGS	3,524,401	3,524,401	0	0%	0
TOTAL	3,524,401	3,524,401	0	0%	0

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Duluth IAP AGS	1,697,121	1,197,351	-499,770	-29%	0
TOTAL	1,697,121	1,197,351	-499,770	-29%	0

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Duluth IAP AGS	1,054,735	760,483	-294,252	-28%	0
TOTAL	1,054,735	760,483	-294,252	-28%	0

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Duluth IAP AGS	6,276,257	5,482,235	-794,022	-13%	0
TOTAL	6,276,257	5,482,235	-794,022	-13%	0

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Duluth IAP AGS	127,622,967	92,018,503	-35,604,463	-28%	0
TOTAL	127,622,967	92,018,503	-35,604,463	-28%	0

* "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.

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	173	1,919	0	0	0	0	2,092
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	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	37	0	0	37
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	173	1,919	0	37	0	0	2,129

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 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	1	1	1	1	1	7	1
Recap	0	17	17	17	17	17	86	17
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	19	19	19	19	19	94	19
TOTAL COST	173	1,938	19	56	19	19	2,223	19
ONE-TIME SAVES								
-----(\$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								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	501	501	501	1,504	501
Recap	0	0	0	311	311	311	935	311
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	813	813	813	2,438	813
TOTAL SAVINGS	0	0	0	813	813	813	2,438	813

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	173	1,919	0	0	0	0	2,092	
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	37	0	0	37	
MIL PERSONNEL								
Mil Moving	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	173	1,919	0	37	0	0	2,129	
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	1	1	-500	-500	-500	-1,496	-500
Recap	0	17	17	-294	-294	-294	-848	-294
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	19	19	-794	-794	-794	-2,344	-794
TOTAL NET COST	173	1,938	19	-757	-794	-794	-215	-794

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Duluth IAP AGS, MN (FMKM)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	173	1,919	0	0	0	0	2,092
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	37	0	0	37
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	173	1,919	0	37	0	0	2,129

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Duluth IAP AGS, MN (FMKM)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	1	1	1	1	1	7	1
Recap	0	17	17	17	17	17	86	17
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	19	19	19	19	19	94	19
TOTAL COSTS	173	1,938	19	56	19	19	2,223	19
ONE-TIME SAVES								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0
RECURRINGSAVES								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	501	501	501	1,504	501
Recap	0	0	0	311	311	311	935	311
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	813	813	813	2,438	813
TOTAL SAVINGS	0	0	0	813	813	813	2,438	813

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Duluth IAP AGS, MN (FMKM)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	173	1,919	0	0	0	0	2,092	
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	37	0	0	37	
MIL PERSONNEL								
Mil Moving	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	173	1,919	0	37	0	0	2,129	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M	0	0	0	0	0	0	0	0
Sustainment	0	1	1	-500	-500	-500	-1,496	-500
Recap	0	17	17	-294	-294	-294	-848	-294
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE								
MIL PERSONNEL	0	0	0	0	0	0	0	0
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	19	19	-794	-794	-794	-2,344	-794
TOTAL NET COST	173	1,938	19	-757	-794	-794	-215	-794

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 4/22/2005 12:09:07 PM, Report Created 4/30/2005 1:26:32 PM

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Duluth IAP AGS, MN (FMKM)	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 4/22/2005 12:09:07 PM, Report Created 4/30/2005 1:26:31 PM

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 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:
-----	-----
Duluth IAP AGS, MN (FMKM)	Realignment

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Duluth IAP AGS, MN (FMKM)

Total Officer Employees:	12	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	80	Total Sustainment (\$K/Year):	1,697
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	232	BOS Non-Payroll (\$K/Year):	3,524
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	2,859
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	127,623
Starting Facilities(KSF):	281	Svc/Agcy Recap Rate (Years):	121
Officer BAH (\$/Month):	1,085	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	828		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.05		Admits Visits Prescrip
Per Diem Rate (\$/Day):	128	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.11	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	46.841667	Retiree	0 0 0
Longitude:	-92.193333	Retiree65+	0 0 0

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Duluth IAP AGS, MN (FMKM)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
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%	100%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	100%	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):		83		FH ShDn:	0.000%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: Duluth IAP AGS, MN (FMKM)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
8721	LF	3,200	0 Default	169	33.89	0.49
1444	SF	0	3,900 Default	307	180.06	4.26
1714	SF	0	3,088 Default	188	137.77	4.15
1718	SF	0	1,000 Default	88	113.75	4.68
2171	SF	0	12,500 Default	1,340	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%		

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

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

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb):	710	Storage-In-Transit (\$/Pers):	373.76
HHG Per Off Accompl (Lb):	15,290.00	POV Reimburse(\$/Mile):	0.20
HHG Per Enl Accompl (Lb):	9,204.00	Air Transport (\$/Pass Mile):	0.20
HHG Per Off Unaccompl (Lb):	13,712.00	IT Connect (\$/Person):	200.00
HHG Per Enl Unaccompl (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

Department : USAF
Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

=====

Realign Duluth IAP AGS. The 148th Fighter Wing's (ANG) F-16 Block 25 aircraft (15 PAA) will retire. The wing's ECS elements will remain in place. Duluth retains the capability to support the Homeland Defense mission.

FOOTNOTES FOR SCREEN FIVE

=====

100% construction in 2007

100% shutdown in 2009

FOOTNOTES FOR SCREEN SIX

=====

15 PAA move for F-16 B25 aircraft and manpower is a non BRAC adjustment - Programmatic change on Screen 6.

FOOTNOTES FOR SCREEN SEVEN

=====

2,092 total cost = primary facility, supp fac, AT/FP, ACF, Markup and Design. These numbers are from the MILCON calculator.

FACs 1444 and 1714 are condition code 1.

FACs 1718 and 2171 are conditioncode 2.

FACs 2171 & 1718 ANG requirement vacating flightline facilities move to enclave.

ANG vacating flight line facilities to move into a smaller footprint.

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
 Data As Of 4/22/2005 12:09:07 PM, Report Created 4/30/2005 1:26:37 PM

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 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
Duluth IAP AGS	2,092,000	0	2,092,000
Totals:	2,092,000	0	2,092,000

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

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

MilCon for Base: Duluth IAP AGS, MN (FMKM)

All values in 2005 Constant Dollars (\$K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
8721	Fence and Wall	LF	3,200	n/a**	0 Default	n/a**	169
1444	Miscellaneous Operations Support Building	SF	0	n/a**	3,900 Default	n/a**	307
1714	Reserve Component Training Facility	SF	0	n/a**	3,088 Default	n/a**	188
1718	Indoor Firing Range and Supporting Facili	SF	0	n/a**	1,000 Default	n/a**	88
2171	Electronic and Communication Maintenance	SF	0	n/a**	12,500 Default	n/a**	1,340
					Total Construction Cost:		2,092
					- Construction Cost Avoid:		0
					Total Net Milcon Cost:		2,092

* 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 4/22/2005 12:09:07 PM, Report Created 4/30/2005 1:26:44 PM

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	172,734	170,365	170,365
2007	1,938,070	1,859,430	2,029,795
2008	18,804	17,549	2,047,345
2009	-756,672	-686,960	1,360,384
2010	-794,022	-701,235	659,149
2011	-794,022	-682,135	-22,986
2012	-794,022	-663,555	-686,541
2013	-794,022	-645,482	-1,332,023
2014	-794,022	-627,901	-1,959,924
2015	-794,022	-610,798	-2,570,722
2016	-794,022	-594,162	-3,164,884
2017	-794,022	-577,978	-3,742,863
2018	-794,022	-562,236	-4,305,099
2019	-794,022	-546,922	-4,852,021
2020	-794,022	-532,025	-5,384,046
2021	-794,022	-517,534	-5,901,580
2022	-794,022	-503,438	-6,405,018
2023	-794,022	-489,726	-6,894,744
2024	-794,022	-476,387	-7,371,131
2025	-794,022	-463,411	-7,834,543

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 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	2,092,000	
Total - Construction		2,092,000
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	37,350	
Total - Overhead		37,350
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		2,129,350

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		2,129,350

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Duluth IAP AGS, MN (FMKM)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	2,092,000	
Total - Construction		2,092,000
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	37,350	
Total - Overhead		37,350
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		2,129,350

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		2,129,350

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
 Data As Of 4/22/2005 12:09:07 PM, Report Created 4/30/2005 1:26:40 PM

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	1	1	-500	-500	-500	-1,496	-500
Recap Change	0	17	17	-294	-294	-294	-848	-294
BOS Change	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	19	19	-794	-794	-794	-2,344	-794

Duluth IAP AGS, MN (FMKM)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	1	1	-500	-500	-500	-1,496	-500
Recap Change	0	17	17	-294	-294	-294	-848	-294
BOS Change	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	19	19	-794	-794	-794	-2,344	-794

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 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 : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

Base: Duluth IAP AGS, MN (FMKM)	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 4/22/2005 12:09:07 PM, Report Created 4/30/2005 1:26:34 PM

Department : USAF
 Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
 Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
 Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

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

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
12	80	0	232

TOTAL PERSONNEL REALIGNMENTS, 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
Students	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 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
-----	-----	-----	-----
12	80	0	232

Department : USAF
Scenario File : A:\COBRA USAF 0035v2 (103Jc2).CBR
Option Pkg Name: USAF 0035v2 (103Jc2) Realign Duluth IAP AGS, MN
Std Fctrs File : N:\IEB Files\IEBB\COBRA Team\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Duluth IAP AGS, MN (FMKM)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Duluth IAP AGS, MN (FMKM)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
12	80	0	232

BASE POPULATION (After BRAC Action) FOR: Duluth IAP AGS, MN (FMKM)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
12	80	0	232

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

USAF0035v2: AF Duluth (103Jc2)

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

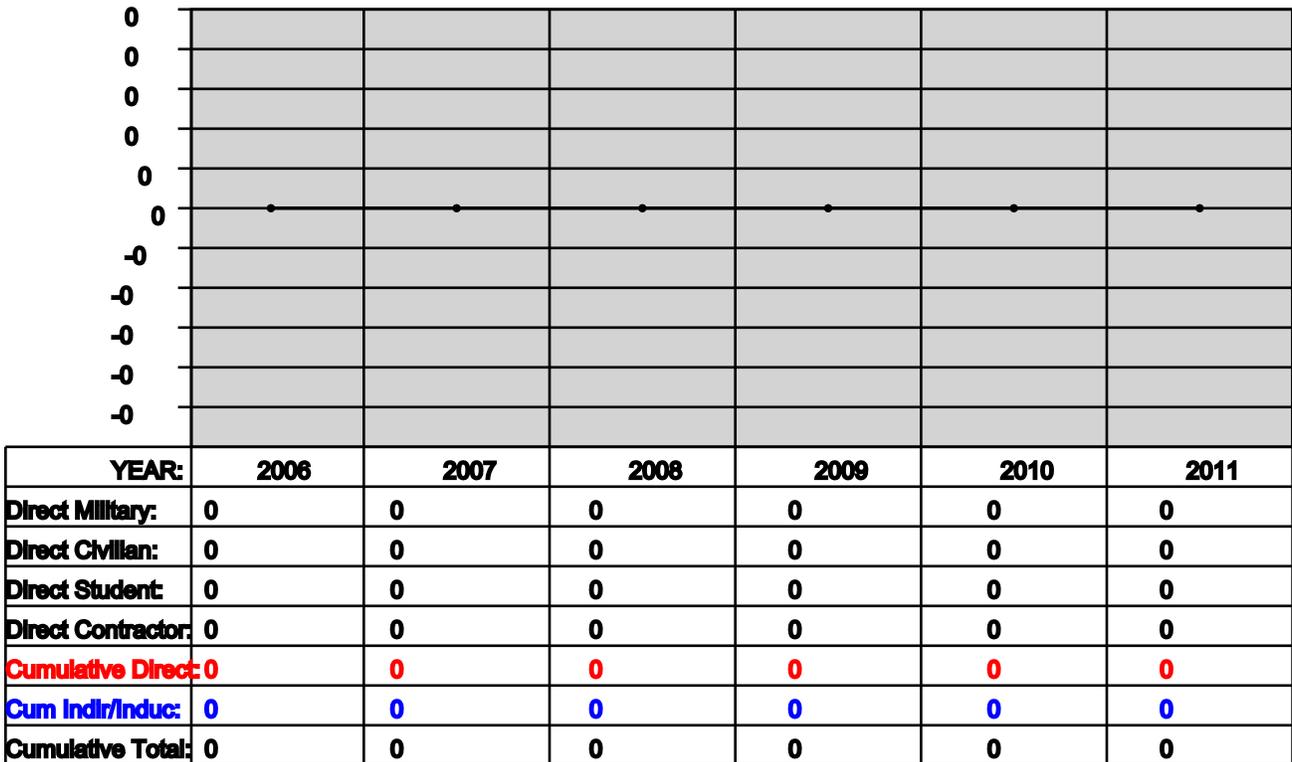
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Duluth, MN-WI Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

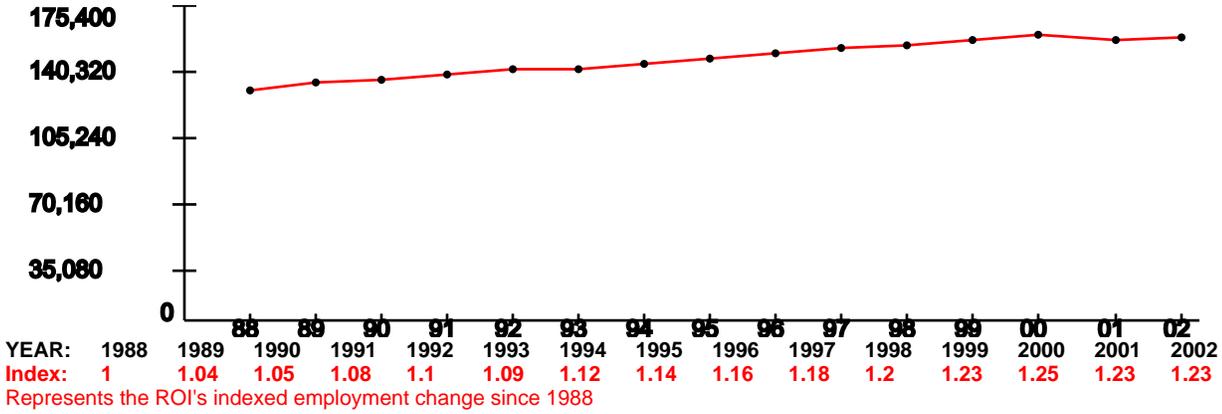
ROI Population (2002): 276,194
 ROI Employment (2002): 157,359
 Authorized Manpower (2005): 324
 Authorized Manpower(2005) / ROI Employment(2002): 0.21%
 Total Estimated Job Change: 0
 Total Estimated Job Change / ROI Employment(2002): 0%

Cumulative Job Change (Gain/Loss) Over Time:

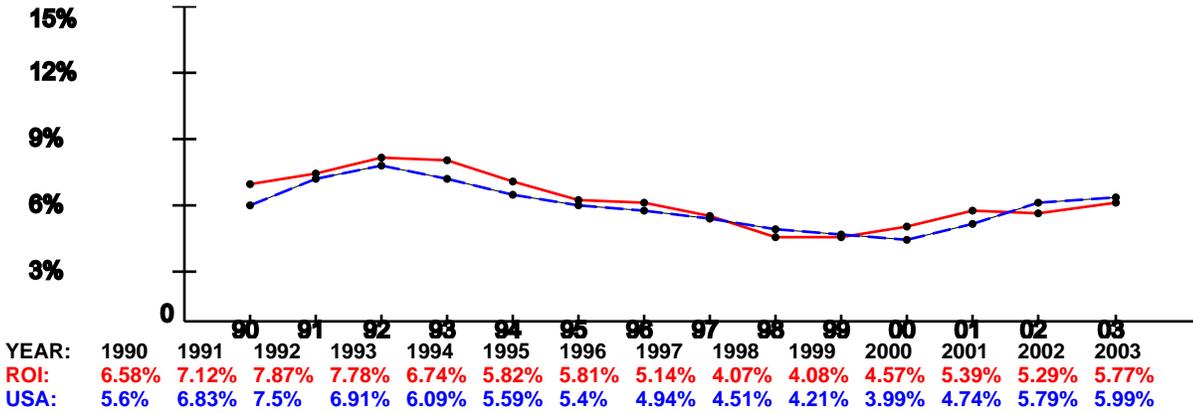


Duluth, MN-WI Metropolitan Statistical Area Trend Data

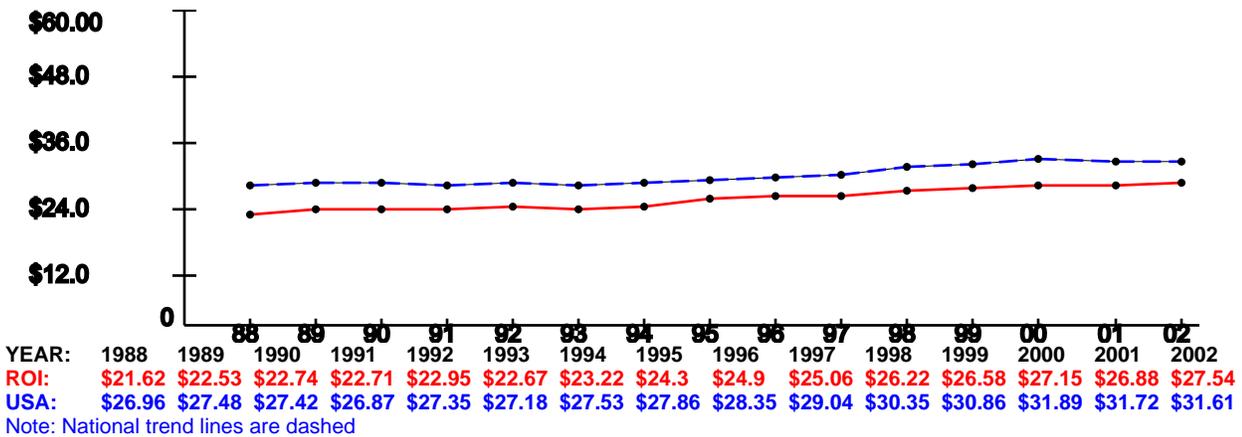
Employment Trend (1988-2002)



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-0035V2 (103Jc2)
Scenario Description		
Data Point	Base Name	Duluth IAP AGS
Demographics	State	MN
	Miles to Nearest City	149.1
	Nearest City	St. Paul, MN
	MSA Name	Duluth-Superior MN-WI MSA
	MSA Population	243,815
	Population of MHA	265,020
Child Care	Number of accredited child-care centers	4
Cost of Living	Median Household Income (US Avg \$41,994)	36,081
	Median House Value (US Avg \$119,600)	74,100
	GS Locality Pay ("Rest of US" 10.9%)	10.9
	O-3 with Dependents BAH Rate	1,085
	In-state Tuition for Family Member	Yes
	In-state Tuition Continues if PCS Out of State	No
Education	School District(s) Capacity	31,310
	Students Enrolled	28,262
	Average Pupil/Teacher Ratio	16.7
	High School Students Enrolled	9,765
	Average Composite SAT I Score (US Avg 1026)	1183
	Average ACT Score (US Avg 20.8)	22.1
	Average High School Grad Rate (US Avg 67.3%)	89.7
	Available Graduate/PhD Programs	3
	Available Colleges and/or Universities	5
	Available Vocational and/or Technical Schools	3
Employment	1999 Unemployment Rate (National Avg: 4.2%)	4.1
	2000 Unemployment Rate (National Avg: 4.0%)	4.5
	2001 Unemployment Rate (National Avg 4.7%)	5.4
	2002 Unemployment Rate (National Avg: 5.8%)	5.2
	2003 Unemployment Rate (National Avg 6.0%)	5.7
	1999 Job Growth Rate (National Avg: 1.5%)	-1.0
	2000 Job Growth Rate (National Avg: 2.4%)	0.8
	2001 Job Growth Rate (National Avg: .03%)	2.1
	2002 Job Growth Rate (National Avg: -.31%)	0.3
	2003 Job Growth Rate (National Avg: .86%)	0.0
Housing	Total Vacant Housing Units	15,729
	Vacant Rental Units	1,659
	Vacant Sale Units	1,014
Medical Providers	Local Community--Number of Physicians	622
	Local Community--Number of Beds	1260
	Ratio--Physicians (National Avg--1:421.2)	392.0
	Ratio--Beds (National Avg--1:373.7)	193.5
Safety/Crime	Uniform Crime Reports (UCR) Index (National UCR 4,118.8)	4241.4
Transportation	Distance to nearest commercial airport	0.5
	Served by regularly scheduled public transportation	No
Utilities	Can water system expand to support 1K new people?	Yes
	Can sewer system expand to support 1K new people?	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: Duluth IAP AGS is 149.1 miles from the nearest city of 100K or greater

Child Care: Duluth has nationally accredited child care facilities

Cost of Living: Data indicates the Duluth community has a lower median household income and median house value than the US averages

Education: Data indicates the Duluth community has higher ACT scores and high school graduation rates compared to the US averages

Employment: From 2002-2003, data indicates the Duluth community had lower unemployment rates than US averages; in 2003, data indicates the Duluth community had a lower job growth rate than the US average

Housing: Data indicates there are no housing availability issues

Medical Providers: Data indicates the Duluth community has lower physician and bed space ratios than the US averages

Safety/Crime: Data indicates that the Duluth community has a higher crime report index than the US average

Transportation: Data indicates Duluth is .5 miles from a commercial airport and does not offer regularly scheduled public transportation

Utilities: The Duluth community can expand to support increases in water and sewer usage for 1K new people

Duluth IAP AGS, MN

Demographics

The following tables provide a short description of the area near the installation/activity. Duluth IAP AGS is 149.1 miles from St. Paul, MN, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Duluth-Superior MN-WI MSA	243,815

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

County/City	Population
Carlton	31671
Douglas	32821
St Louis	200528
Total	265,020

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)	\$36,081	Basis: MSA
Median House Value	(US Avg \$119,600)	\$74,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,085	
In-state Tuition for Family Member		Yes	
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	31,310	12 of 12 districts
Students Enrolled	28,262	12 of 12 districts
Average Pupil/Teacher Ratio	16.7:1	12 of 12 districts
High School Students Enrolled	9,765	9 of 9 districts
Average High School Graduation Rate (US Avg 67.3%)	89.7%	9 of 9 districts
Average Composite SAT I Score (US Avg 1026)	1183	1 of 9 districts, 10 MFRs
Average ACT Score (US Avg 20.8)	22	9 of 9 districts
Available Graduate/PhD Programs	3	
Available Colleges and/or Universities	5	
Available Vocational and/or Technical Schools	3	

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	4.1%	4.5%	5.4%	5.2%	5.7%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

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

	1999	2000	2001	2002	2003
Local Data	-1.0%	.8%	2.1%	.3%	.0%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. 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	15,729	Basis: MSA
Vacant Sale Units	1,014	
Vacant Rental Units	1,659	

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	Basis: MSA
Local Community	622	1,260	243,815	
Ratio	1:392	1:194		
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	4,241.4	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 Duluth IAP AGS to nearest commercial airport: .5 miles

Is Duluth IAP AGS 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-0035V2 (103Jc2)

Scenario Description: Realign Duluth IAP AGS, MN

<u>General Environmental Impacts</u>	
Environmental Resource Area	Duluth (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>	
	Duluth (Losing)
Environmental Restoration	DERA money spent through FY03 (\$K): 7,395 Estimated CTC (\$K): 3,120 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	No costs